

Minutes of the sixty-sixth meeting of the State Level Expert Appraisal Committee, West Bengal held on February 15, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 66th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal was held on 15.02.2023 at 2:00 hr in the Conference Room at Paribesh Bhawan, Bidhan Nagar. The following members participated:

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

1) Technical presentations:-

1.1) For Environmental Clearance

1.1.1) Construction Sector

A. Proposed Residential Complex “Southwind Exotica” at Mouza – Kanainatshal, JL. No.- 76, R.S. & L.R. Plot No.- 376, 372, 380 & 381/596, L.R. Khatian No.- 3067, under Baikunthapur II Gram Panchayat, P.S.- Bardhaman Sadar & District – Purba Bardhaman, West Bengal.

Proposal No.

SIA/WB/INFRA2/415460/2023

Project Proponent -

M/s. Ullahas Nandini Udyog Pvt. Ltd.

Environmental Consultant -

M/s. Ultra Tech.

Activity:

- This is a proposal for 3 towers of B+G+XII (tower 1, 2 & 3) storied Residential complex. Total land area is 8417.488 sqm (as per record) and 8234.86 sqm (as per site). Total built up area is 34339.126 sqm. Total no. of flats 277 nos. (3 BHK – 173, 2 BHK – 104).

Salient Features

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

Total Land area	8417.488 sqm (as per record), 8234.86 sqm (as per site) (100%)
Total Built Up Area	34339.126 sqm

Ground Coverage	3169.47 sqm (38.49%)
Paved Area	2335.18 sqm (28.36%)
Service Area	317.34 sqm (3.85%)
Exclusive Tree Plantation Area	1647.48 sqm (20.01%)
Open Parking Area	765.39 sqm (9.29%)
Latitude & Longitude of site	23°13'15.82"N & 87°53'10.72"E
No. of Blocks & Story	Residential Building: 3 towers of B+G+XII (tower 1, 2 & 3)
Total nos. of Flats	277 nos. (3 BHK – 173, 2 BHK – 104)
Source of Water	Ground water
Total Quantum of Water required	208 KLD
Fresh Water required	150 KLD
Waste water generated	153 KLD
Treated Wastewater Recycled	58 KLD (to be used in landscaping, flushing, Car washing & yard washing)
Quantity of Wastewater Discharge	95 KLD
Quantity of Solid Waste Generation	700 kg/day
Constructional Phase Water Demand	25 KLD (21KLD for workers and 4 KLD for construction work)
Total Population During construction	300 persons
Total Population During Operation	1654 nos. (Fixed – 1558, Floating – 80, Service – 16)
Electrical load	1524 KVA (1219 KW)
Electricity Supplied By	WBSEDCL
D.G. Sets	2 nos. 200 KVA & 1 no. 250 KVA
Number of cars required	113 nos.
Number of cars provided	273 nos. (Basement: 83, Gr. Covered: 111, Open Single: 43, Gr. Open MLCP {18*2=36})
Total no. of trees provided	135 nos.
Project cost	Rs.6564.273 Lakhs

Chronology of the event:

- 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 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the committee recommended that the following submissions / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- i) Litholog against strainer depth and length of recharging wells.
- ii) Impact of basement on the shallow groundwater flow.
- iii) Plan for management of inorganic portion of solid waste.
- iv) Plan and flowsheet for distributing rainwater to the harvesting reservoir and recharge structures. Regular monitoring of the water level by constructing a piezometer is necessary for examining the efficacy of recharge.
- v) Communication with all the schools which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
- vi) Display board indicating environmental parameters and beneficiaries of the social part of EMP should be installed.
- vii) The PP shall install the following :-
 - a) Solar smart meter for recording generation.
 - b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
 - c) Sensor based water quality management system.
 - d) STP with the digital data for inlet / outlet along with discharge quality.
 - e) Ambient air quality monitoring station. Mist cannon to be provided for dust control in the locality.
 - f) Ambient noise quality monitoring station.Plan in this regard should be provided.

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

Once replies on the above queries are uploaded on the "PARIVESH" portal, the SEAC will consider the case further.

1.2) For Terms of Reference

1.2.1) Mining of Minerals

- A. Proposed Dakshin Gopalpur Sand Mine on Damodar River at Plot No.- 1832: J.L. No.- 165, Mouza- Dakshin Gopalpur, P.S. -Burdwan, District- Purba Bardhaman, West Bengal.**

Proposal No.

SIA/WB/MIN/74675/2022

Project Proponent -

Shri Pawan Arora.

Environmental Consultant -

M/s. Ambiantal Global Private Limited.

Activity:

- This is a proposal for riverbed sand mining at the BWN-II/D Gopalpur/1832/D sand block over an extent of 3.29 ha (8.12 Acres) on Damodar river bed at Plot No: 1832, JL No.: 165, Mouza: D. Gopalpur, P.S.-Burdwan, District- Purba Bardhaman, West Bengal.

- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan, prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 3.29 ha (8.12 Acres) on Damodar river bed at Plot No: 1832, JL No.: 165, Mouza: D. Gopalpur, P.S.-Burdwan, District- Purba Bardhaman, West Bengal has been approved by the State Government on 20.03.2017 and the approved plan has been uploaded by the project proponent. It is mentioned in the Mining cum Progressive Mine Closure Plan that there is a total mineable sand reserve of 83100 m³ while the total geological reserves is 98700 m³.
- The validity of the Mining Plan with Progressive Mine Closure Plan has lapsed.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded valid LOI.
- The PP has not uploaded any cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 01.04.2022.
- The PP was called for the ToR presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- The accredited consultant appearing for the presentation along with the PP is M/s. RSP Green Development & Laboratories Pvt. Ltd. However, all the documents uploaded in the portal are in the name of M/s. Ambiantal Global Private Limited which is also a NABET accredited consultant.
- From the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- In view of the above, the committee (SEAC) decided that the ToR for EIA study cannot be issued for the proposed project.

B. Proposed Kotalsol Sand Mine on Kangsabati River at Plot No.- 194, JL No.- 108, Mouza / Village- Kotalsol, Block & P.S.- Sarenga, Dist.- Bankura, West Bengal.**Proposal No.****SIA/WB/MIN/74666/2022****Project Proponent -****Shri Arun Kumar.****Environmental Consultant -****M/s. Sathi Planners Private Limited.*****Activity:***

- This is a proposal for riverbed sand mining at the 0115KB008 sand block over an extent of 4.80 ha (11.86 Acres) on Kangsabati river bed at Plot No.- 194, JL No.- 108, Mouza / Village- Kotalsol, Block & P.S.- Sarenga, Dist.- Bankura, West Bengal.

- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan, prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 4.80 ha (11.86 Acres) at Plot No.- 194, JL No.- 108, Mouza / Village- Kotalsol, Block & P.S.- Sarenga, Dist.- Bankura, West Bengal, West Bengal has been approved by the State Government on 15.03.2017 and the approved plan has been uploaded by the project proponent. It is mentioned in the Mining cum Progressive Mine Closure Plan that there is total mineable sand reserve of 72083.48 m³ while the total geological reserves is 144166.95 m³.
- **Mining cum Progressive Mine Closure Plan is not valid.**
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded a valid LOI.
- The PP has not uploaded a cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 31.03.2022.
- The PP was called for the ToR presentation in the 66th SEAC meeting held on 15.02.2023.

SEAC observations and recommendations:

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

C. Proposed Rangamati Sand Mine on Damodar River at Plot No: 1753, 1756 & 1775, JL No.-09, Mouza: Rangamati, P.S. Sonamukhi, District: Bankura, West Bengal.

Proposal No. SIA/WB/MIN/72781/2022

Project Proponent - Shri Sumit Singh.

Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining at the 0120DM017 sand block over an extent of 4.85 ha (12.00 Acres) on Damodar river bed at Plot No: 1753, 1756 & 1775, JL No.-09, Mouza: Rangamati, P.S. Sonamukhi, District: Bankura, West Bengal.
- The Mining cum Progressive Mine Closure Plan uploaded by the PP in the portal is not approved / certified by the competent authority. Moreover, the PP has not uploaded valid LOI and cluster certificate from the competent authority.
- The PP has uploaded the pre-feasibility report for the proposed project.

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 28.03.2022.
- The PP was called for the ToR presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Approved Mining cum Progressive Mine Closure Plan should be uploaded.
 - 2) Valid LOI from the competent authority.
 - 3) Cluster certificate from the competent authority.
 - 4) Reserves to be submitted based on the replenishment rate as per the approved DSR.
 - 5) Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
 - 6) Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

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

D. Proposed Madhpur Sand Mine on Ajay River at Plot No.- 1416(P), JL No. -86, Mouza- Madhpur, P.S. - Mongalkote, District- Purba Bardhaman, West Bengal.

Proposal No.

SIA/WB/MIN/55484/2020

Project Proponent -

Shri Manirul Mondal.

Environmental Consultant -

M/s. Greencindia Consulting Private Limited.

Activity:

- This is a proposal for riverbed sand mining at the MNKT./MADHPUR/1416(P)/A Sand Block over an extent of 1.21 ha (2.99 Acres) on Ajay river bed at Plot No.- 1416(P), JL No. -86, Mouza- Madhpur, P.S. - Mongalkote, District- Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan, prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.21 ha (2.99 Acres) at Plot No.- 1416(P), JL No. -86, Mouza- Madhpur, P.S. - Mongalkote, District- Purba Bardhaman, West Bengal has been approved by the State Government on 15.11.2018. It is mentioned in the Mining cum Progressive Mine Closure Plan that there is total mineable sand reserve of 20400 m³ per annum and total geological reserve of 36300 m³ per annum.

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

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 23.03.2022.
- The PP was called for the ToR presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan falls within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 - 1) Cluster certificate from the competent authority should be submitted.
 - 2) Valid LOI from the competent authority should be submitted.
 - 3) Reserves to be submitted based on the replenishment rate as per the approved DSR.
 - 4) Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
 - 5) Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

While applying for the environmental clearance, the Project Proponent shall, – along with the EIA/EMP report of the project, upload the documents and clarifications sought above, to the PARIVESH portal.

1.3) For Environmental Clearance

A. Proposed Chhotapasha Sand Mine on Kangshabati River at JL No. - 535, Plot No.- 266(P), Mouza- Chhotapasha, P.S. - Keshpur, District- Paschim Medinipur, West Bengal.

Proposal No.

SIA/WB/MIN/260697/2022

Project Proponent -

Sheikh Mursed Ali.

Environmental Consultant -

M/s. Greencindia Consulting Private Limited.

Activity:

- This is a proposal for riverbed sand mining of MKB-7 Sand Block over an extent of 1.42 ha (3.51 Acres) on Kangshabati river bed at JL No. - 535, Plot No.- 266(P), Mouza- Chhotapasha, P.S. - Keshpur, District- Paschim Medinipur, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.42 ha (3.51 Acres) on Kangshabati river bed at JL No. - 535, Plot No.- 266(P), Mouza- Chhotapasha, P.S. - Keshpur, District- Paschim Medinipur, West Bengal, has been approved by the State Government on 24.05.2019. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 16800 m3 and total geological reserve of 28400 m3 per annum.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- 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 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the presentation made by the PP, the committee observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan falls within the potential mining zone recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Cluster certificate from the competent authority should be submitted
 - 2) Reserves to be submitted based on the replenishment rate as per the approved DSR
 - 3) Progressive greenbelt plan.
 - 4) Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
 - 5) Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

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

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

B. Proposed Kherua Sand Mine on Ajay River at JL No.- 97, Plot No.- 827(P), Mouza- Kherua, P.S.- Mongalkote, Dist- Purba Bardhaman, West Bengal.**Proposal No.** SIA/WB/MIN/262484/2022**Project Proponent -** Shri Binoy Dhara.**Environmental Consultant -** Not engaged.**Activity:**

- This is a proposal for riverbed sand mining of MNKT./KHERUA/827(P) & ORS./B Sand Block over an extent of 3.15 ha (7.78 Acres) on Ajay river bed at JL No.- 97, Plot No.- 827(P), Mouza- Kherua, P.S.- Mongalkote, Dist- Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 3.15 ha (7.78 Acres) on Ajay river bed at JL No.- 97, Plot No.- 827(P), Mouza- Kherua, P.S.- Mongalkote, Dist- Purba Bardhaman, West Bengal, has been approved by the State Government on 04.02.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 80340 m³ and total geological reserve of 94500 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 24.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the presentation made by the PP, the committee observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan falls within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 1. Cluster certificate from the competent authority should be submitted.
 2. Valid LOI from the competent authority.
 3. Pre-feasibility report.
 4. Reserves to be submitted based on the replenishment rate as per the approved DSR
 5. Progressive greenbelt plan.
 6. Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance

with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.

7. Details of accredited consultant.
8. Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

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

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

C. Proposed Bangpur Sand Mine on Damodar River at JL No.- 32, Plot No.- 1704(P) & Ors, Mouza- Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/262524/2022

Project Proponent - Shri Manirul Mondal.

Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining of BARDHAMAN-i/BANGPUR/1704(P) & ORS./G Sand Block over an extent of 2.19 ha (5.40 Acres) on Damodar river bed at JL No.- 32, Plot No.- 1704(P) & Ors, Mouza- Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 2.19 ha (5.40 Acres) on Damodar river bed at JL No.- 32, Plot No.- 1704(P) & Ors, Mouza- Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal, has been approved by the State Government on 04.02.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 57900 m3 and geological reserve of 65700 m3.
- The PP has not uploaded the pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 23.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining

Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.

- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

D. Proposed Tildanga Sand Mine on Damodar River at JL No.-66, Plot No.- 299(P),300(P), & Ors/B, Mouza- Tildanga, P.S- Khandaghosh, Dist - Purba Bardhaman, West Bengal.

Proposal No.

SIA/WB/MIN/262547/2022

Project Proponent -

Shri Kartick Chandra Ghosh.

Environmental Consultant -

Not engaged.

Activity:

- This is a proposal for riverbed sand mining of KHANDAGHOSH/TILDANGA/299(P), 300(P) & ORS/B Sand Block over an extent of 1.26 ha (3.12 acres) on Damodar river bed at JL No.-66, Plot No.- 299(P),300(P), & Ors/B, Mouza- Tildanga, P.S- Khandaghosh, Dist - Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.26 ha (3.12 acres) on Damodar river bed at JL No.-66, Plot No.- 299(P),300(P), & Ors/B, Mouza- Tildanga, P.S- Khandaghosh, Dist - Purba Bardhaman, West Bengal, has been approved by the State Government on 27.10.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 27780 m3 and geological reserve of 37800 m3.
- The PP has not uploaded the pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 23.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the presentation made by the PP, the committee observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan falls within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 1. Cluster certificate from the competent authority should be submitted.
 2. Valid LOI from the competent authority.

3. Pre-feasibility report.
4. Reserves to be submitted based on the replenishment rate as per the approved DSR
5. Progressive greenbelt plan.
6. Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
7. Details of accredited consultant.
8. Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

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

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

E. Proposed Bangpur Sand Mine on Damodar River at JL No.- 32, Plot No.- 1804(P), 1812(P), 1813(P), 1814(P), 1815(P), 1816(P), 1817, 1818 & Ors., Mouza - Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal.

Proposal No.	SIA/WB/MIN/262503/2022
Project Proponent -	Shri Dinanath Chowdhury.
Environmental Consultant -	Not engaged.

Activity:

- This is a proposal for riverbed sand mining of BARDHAMAN-I/BANGPUR/1804(P) & ORS 14/A Sand Block over an extent of 2.83 ha (6.99 acres) on Damodar river bed at JL No.- 32, Plot No.- 1804(P), 1812(P), 1813(P), 1814(P), 1815(P), 1816(P), 1817, 1818 & Ors., Mouza - Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining Plan with Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 2.83 ha (6.99 acres) on Damodar river bed at JL No.- 32, Plot No.- 1804(P), 1812(P), 1813(P), 1814(P), 1815(P), 1816(P), 1817, 1818 & Ors., Mouza - Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal, has been approved by the State Government on 09.07.2018. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 70200 m3 and geological reserve of 84900 m3.
- The PP has not uploaded the pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 23.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

F. Proposed Krishnadebpur Sand Mine on Bhagirathi River at Plot No: 2251(P) (HAL 3199, 3200) & Ors., J.L. No.-91, Mouza: Krishnadebpur, P.S. Kalna, District: Purba Bardhaman, West Bengal.**Proposal No.****SIA/WB/MIN/262924/2022****Project Proponent -****Basiruddin Seikh.****Environmental Consultant -****M/s. Greencindia Consulting Private Limited.*****Activity:***

- This is a proposal for riverbed sand mining of KALNA-I/KRISHNADEBPUR/2251(P)/(HAL 3199, 3200)&ORS/B Sand Block over an extent of 1.84 ha (4.54 acres) on Bhagirathi river bed at Plot No: 2251(P) (HAL 3199,3200) & Ors., J.L. No.-91, Mouza: Krishnadebpur, P.S. Kalna, District: Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.84 ha (4.54 acres) on Bhagirathi river bed at Plot No: 2251(P) (HAL 3199,3200) & Ors., J.L. No.-91, Mouza: Krishnadebpur, P.S. Kalna, District: Purba Bardhaman, West Bengal, has been approved by the State Government on 04.12.2018. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 43500 and total geological reserve of 55200 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 23.12.2022.

- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- This application for EC was noted to be a duplicate one. An earlier application for the same project was considered in the 64th meeting of SEAC held on 01.02.2023. Considering the above, the SEAC recommended that the present proposal may be rejected.

G. Proposed Gerai Sand Mine on Kunur River at J.L. No.-09, Plot No.1893(P), Mouza – Gerai, P.S.- Ausgram, Dist –Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/262598/2022

Project Proponent - M/s. Somrith Enterprise.

Environmental Consultant - M/s. Greencindia Consulting Private Limited.

Activity:

- This is a proposal for riverbed sand mining of AUSGRAM-II/GERAI/1893(P)/A Sand Block over an extent of 0.53 ha (1.30 acres) on Kunur river bed at J.L. No.-09, Plot No.1893(P), Mouza –Gerai, P.S.- Ausgram, Dist –Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 0.53 ha (1.30 acres) on Kunur river bed at J.L. No.-09, Plot No.1893(P), Mouza –Gerai, P.S.- Ausgram, Dist –Purba Bardhaman, has been approved by the State Government on 07.01.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 5100 m³ and total geological reserve of 15900 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 22.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

H. Proposed Kansra Sand Mine on Damodar River at J.L. No.-44, Plot No.1345(P), Mouza –Kansra, P.S.-Jamalpur, Dist –Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/262303/2022
Project Proponent - Shri Soumitra Adhikari.
Environmental Consultant - M/s. Greencindia Consulting Private Limited.

Activity:

- This is a proposal for riverbed sand mining of JAMALPUR/KANSRA/1345(P)/A Sand Block over an extent of 1.74 ha (4.31 Acres) on Damodar river bed at J.L. No.-44, Plot No.1345(P), Mouza –Kansra, P.S.-Jamalpur, Dist –Purba Bardhaman, West Bengal.
- The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.74 ha (4.31 Acres) on Damodar river bed at J.L. No.-44, Plot No.1345(P), Mouza –Kansra, P.S.-Jamalpur, Dist –Purba Bardhaman, West Bengal, has been approved by the State Government on 25.02.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 40500 m³ and total geological reserve of 52200 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 22.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

I. Proposed Kharia China Clay Mine at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza- Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal.

Proposal No. SIA/WB/MIN/41581/2019
Project Proponent - M/s. N.P. Minerals.
Environmental Consultant - M/s. Pacific Scientific Consultancy Pvt. Ltd.

Activity:

- This is a proposal for Kharia China Clay and Fire Clay Mine project (19349 TPA of China Clay and 8687 TPA of Fire clay) over an area of 7.22 ha (17.38 acres) at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza- Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for Kharia China Clay and Fire Clay Mine project at the site over a lease-hold area of 7.22 ha (17.38 acres) at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza- Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal, has been approved by the State Government on 12.11.2021.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 08.11.2019 (Proposal No. SIA/WB/MIN/41581/2019).
- The PP presented their Terms of Reference presentation in the 14th SEAC meeting held on 07.04.2021.
- As per recommendation of SEAC, SEIAA issued ToR vide letter No. 1211/EN/T-II-1/078/2019 dated 19.07.2021.
- The PP applied in prescribed format for Environmental Clearance and uploaded final EIA report in the PARIVESH portal on 05.12.2022
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- It is observed that the proposed project is not included in the DSR of Birbhum district. The committee mentioned that unless the project is included in the DSR, the proposal cannot be considered further.
- Based on the presentation made by the PP, the committee also recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent:-
 - 1) Salient features of the project including the portion for which mining will take place and EC is applied for.
 - 2) Depth of ground water level in observation well within 5 km radius of the project site.
 - 3) Impact of pumping of groundwater on the aquifer within 5 km radius of the project site.
 - 4) Commitment to install a piezometer for regular water level and quality monitoring and submission of the results to WBPCB.

- 5) Domestic water requirement.
- 6) Progressive greenbelt plantation plan.
- 7) Height of ambient air quality monitoring stations from GL.
- 8) Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020.
- 9) Compliance report on chapter 5 (Environment) of the Minor Mineral Concession Rules.

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

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

J. Proposed Bangpur Sand Mine on Damodar River at Plot No. – 1887(P), 1898(P), JL No. – 32, Mouza – Bangpur, Block – Bardhaman-1, P.S. – Bardhaman, Dist – Purba Bardhaman, West Bengal.

Proposal No.	SIA/WB/MIN/264660/2022
Project Proponent -	Shri Shibnarayan Shaw.
Environmental Consultant -	Not engaged.

Activity:

- This is a proposal for riverbed sand mining of BARDHAMAN-I/BANGPUR/1887(P), 1898(P) Sand Block over an extent of 2.44 ha (6.02 Acres) on Damodar river bed at Plot No. – 1887(P), 1898(P), JL No. – 32, Mouza – Bangpur, Block – Bardhaman-1, P.S. – Bardhaman, Dist – Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 2.44 ha (6.02 Acres) on Damodar river bed at Plot No. – 1887(P), 1898(P), JL No. – 32, Mouza – Bangpur, Block – Bardhaman-1, P.S. – Bardhaman, Dist – Purba Bardhaman, West Bengal, has been approved by the State Government on 04.02.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 42000 m³ and total geological reserve of 52200 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 27.01.2023.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

K. Proposed Kumirkola Sand Mine on Damodar River at Plot No. – 1462(P), 1463(P), JL No. – 9, Village + Mouza - Kumirkola, PS – Khandaghosh, Block – Khandaghosh, Dist – Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/262075/2022

Project Proponent - Shri Ashim Panja.

Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining of KHANDAGHOSH/KUMIRKOLA/1462(P),1463(P) Sand Block over an extent of 3.32 ha (8.2 Acres) on Damodar river bed at Plot No. – 1462(P), 1463(P), JL No. – 9, Village + Mouza - Kumirkola, PS – Khandaghosh, Block – Khandaghosh, Dist – Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 3.32 ha (8.2 Acres) on Damodar river bed at Plot No. – 1462(P), 1463(P), JL No. – 9, Village + Mouza - Kumirkola, PS – Khandaghosh, Block – Khandaghosh, Dist – Purba Bardhaman, West Bengal, has been approved by the State Government on 04.02.2021. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 84000 m³ and total geological reserve of 99600 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 23.01.2023.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the presentation made by the PP, the committee observed that the total plot area except for a very small portion of the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan falls within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Hence, the SEAC recommended that the PP should submit revised LOI from the competent authority along with approved Mining Plan with Progressive Mine Closure Plan so that the entire lease area for the proposed project falls within the potential mining zone of the DSR. Also the PP should submit the following documents in the PARIVESH portal for further consideration :-
 1. Cluster certificate from the competent authority.
 2. Valid LOI from the competent authority.
 3. Pre-feasibility report.
 4. Reserves to be submitted based on the replenishment rate as per the approved DSR
 5. Progressive greenbelt plan.
 6. Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
 7. Details of accredited consultant.
 8. Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

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

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

L. Proposed Kotsimul Sand Mine on Kanki River at Plot No. – 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/263462/2022

Project Proponent - M/s. Maa Tara Builders.

Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining of RAINA-II/KOTSIMUL/1349(P)/B Sand Block over an extent of 2.19 ha (5.40 Acres) on Kanki river bed at Plot No. – 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal.
- The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the

site over a lease-hold area of 2.19 ha (5.40 Acres) on Kanki river bed at Plot No. – 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal, has been approved by the State Government on 14.11.2018.

- **The PP has not uploaded complete approved Mining cum Progressive Mine Closure Plan.**
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 27.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol, approved mine plan, PFR and cluster certificate from the competent authority.
- Considering the above, the committee (SEAC), therefore, decided that the proposed project cannot be considered.

M. Proposed Jamalpur Sand Mine on Damodar River at Plot No. – 953(P), JL No. – 30, Village + Mouza – Selimabad, Block – Jamalpur, PS – Jamalpur, Dist - Purba Bardhaman, West Bengal.

Proposal No.	SIA/WB/MIN/263627/2022
Project Proponent -	Shri Manas Kumar Dhara.
Environmental Consultant -	Not engaged.

Activity:

- This is a proposal for riverbed sand mining of JAMALPUR/SELIMABAD/953(P)/G Sand Block over an extent of 1.97 ha (4.87 Acres) on Damodar river bed at Plot No. – 953(P), JL No. – 30, Village + Mouza – Selimabad, Block – Jamalpur, PS – Jamalpur, Dist - Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.97 ha (4.87 Acres) on Damodar river bed at Plot No. – 953(P), JL No. – 30, Village + Mouza – Selimabad, Block – Jamalpur, PS – Jamalpur, Dist - Purba Bardhaman, West Bengal, has been approved by the State Government on 17.03.2020. It

is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 46410 m³ and total geological reserve of 59100 m³.

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

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 26.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol, PFR and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

N. Proposed Kotsimul Sand Mine on Mundeswari River at Plot No. – 834(P), 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist-Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/263069/2022

Project Proponent - Shri Dibyendu Dey.

Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining of RAINA-II/KOTSIMUL/834(P),1349(P)/A Sand Block over an extent of 2.50 ha (6.18 Acres) on Mundeswari River river bed at Plot No. – 834(P), 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist-Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 2.50 ha (6.18 Acres) on Mundeswari River river bed at Plot No. – 834(P), 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist-Purba Bardhaman, West Bengal, has been approved by the State Government on 02.12.2020. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 58800 m³ and total geological reserve of 75000 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.

- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 25.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol, PFR and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

O. Proposed Kotsimul Sand Mine on Mundeswari River at Plot No. - 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal.**Proposal No.****SIA/WB/MIN/264044/2022****Project Proponent -****Shri Sudarshan Gupta.****Environmental Consultant -****Not engaged.*****Activity:***

- This is a proposal for riverbed sand mining of RAINA-II/KOTSIMUL/1349(P)/F Sand Block over an extent of 2.11 ha (5.22 Acres) on Mundeswari river bed at Plot No. - 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 2.11 ha (5.22 Acres) on Mundeswari river bed at Plot No. - 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal, has been approved by the State Government on 25.03.2022. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 37980 m³ and total geological reserve of 63300 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 23.12.2022.

- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol, PFR and cluster certificate from the competent authority.
- The committee also observed that the plot area for the proposed project is exactly same as the plot area for another project namely Kotsimul Sand Mine on Kanki river by M/s. Maa Tara Builders (Proposal No. SIA/WB/MIN/263462/2022).
- Considering the above, the SEAC decided that the proposed project cannot be considered.

P. Proposed Palla Sand Mine on Damodar River at Plot No. – 4005(P) & Ors., JL No. – 45, Mouza – Palla, PS – Memari, District – Purba Bardhaman, West Bengal.

Proposal No. SIA/WB/MIN/263411/2022

Project Proponent - Smt. Santilata Roy.

Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining of MEMARI-I/PALLA/4005(P) & ORS./E Sand Block over an extent of 2.17 ha (5.37 Acres) on Damodar river bed at Plot No. – 4005(P) & Ors., JL No. – 45, Mouza – Palla, PS – Memari, District – Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 2.17 ha (5.37 Acres) on Damodar river bed at Plot No. – 4005(P) & Ors., JL No. – 45, Mouza – Palla, PS – Memari, District – Purba Bardhaman, West Bengal, has been approved by the State Government on 04.12.2018. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 52500 m³ and total geological reserve of 65100 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 21.12.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol, PFR and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

Q. Proposed Bhulka Part - I Sand Mine on Mechi River at Plot No. 1, 2, 3 & 4, JI No. - 6, Mouza – Bhulka, Vill – Ramjanpur, PO – Bhajanpur, PS – Khoribari, Dist – Darjeeling.
Proposal No. SIA/WB/MIN/408773/2022
Project Proponent - Shri Anil Kumar Ray.
Environmental Consultant - Not engaged.

Activity:

- This is a proposal for riverbed sand mining of BHULKA PART-I Sand Block over an extent of 3.8 ha (9.39 Acres) on Mechi river bed at Mouza – Bhulka, Plot No. 1, 2, 3 & 4, JL No. 6, PS – Khoribari, Dist – Darjeeling, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 3.8 ha (9.39 Acres) on Mechi river bed at Mouza – Bhulka, Plot No. 1, 2, 3 & 4, JL No. 6, PS – Khoribari, Dist – Darjeeling, West Bengal, has been approved by the State Government on 01.08.2017. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 30400 m³.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI dated 02.11.2022 in the name of M/s. Excellent India Build Construction.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.11.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Darjeeling district. Also, the PP

has not uploaded cluster certificate from the competent authority. The LOI uploaded is in the name of M/s. Excellent India Build Construction.

- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

R. Proposed Nimai SLB 8 Sand Mine on Balason River at Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), JL No.- 57, Mouza- Nimai, P.S. – Matigara, Dist. – Darjeeling, West Bengal.

Proposal No.	SIA/WB/MIN/408774/2022
Project Proponent -	Shri Santosh Kumar Singh.
Environmental Consultant -	Not engaged.

Activity:

- This is a proposal for riverbed sand mining of NIMAI SIL-8 Sand Block over an extent of 2.70 ha (6.67 Acres) on Balason river bed at Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), JL No.- 57, Mouza- Nimai, P.S. – Matigara, Dist. – Darjeeling, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 32.70 ha (6.67 Acres) on Balason river bed at Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), JL No.- 57, Mouza- Nimai, P.S. – Matigara, Dist. – Darjeeling, West Bengal, has been approved by the State Government on 07.09.2017. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 66000 m³ and total geological reserve of 81000 m³.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.11.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Darjeeling district. Also, the PP has not uploaded cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

S. Proposed Pataner Chatt Sand Mine on Balason River at Plot No. - 14, 15, 5, 8, 16, JL No. - 61, Mouza – Pataner Chatt, PS – Matigara, Dist – Darjeeling, West Bengal.

Proposal No.

SIA/WB/MIN/408759/2022

Project Proponent -

M/s. Shivalaya Enterprises, Shri Sanjoy Singh.

Environmental Consultant -

Not engaged.

Activity:

- This is a proposal for riverbed sand mining of Pataner Chatt Sand Block over an extent of 1.52 ha (3.754 Acres) on Balason river bed at 14, 15, 5, 8, 16, JL No. - 61, Mouza – Pataner Chatt, PS – Matigara, Dist – Darjeeling, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 1.52 ha (3.754 Acres) on Balason river bed at 14, 15, 5, 8, 16, JL No. - 61, Mouza – Pataner Chatt, PS – Matigara, Dist – Darjeeling, West Bengal, has been approved by the State Government on 28.12.2017. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 4864 m³ and total geological reserve of 15200 m³.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.11.2022.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Darjeeling district. Also, the PP has not uploaded cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

T. Proposed Idilpur Sand Mine on Damodar River at Plot No. – 810(P), 812(P), 829(P), 830(P), 1267(P), 1268(P), 1419(P), 1420(P), JL No. – 24, Mouza – Idilpur, PS – Bardhaman, Dist – Purba Bardhaman, West Bengal.

Proposal No.

SIA/WB/MIN/262169/2022

Project Proponent -

M/s. Namita Enterprise.

Environmental Consultant -

Not engaged.

Activity:

- This is a proposal for riverbed sand mining of BARDHAMAN-I/IDILPUR/810(P) & OTHS7/B Sand Block over an extent of 4.99 ha (12.34 Acres) on Damodar river bed at Plot No. – 810(P), 812(P), 829(P), 830(P), 1267(P), 1268(P), 1419(P), 1420(P), JL No. – 24, Mouza – Idilpur, PS – Bardhaman, Dist – Purba Bardhaman, West Bengal.
- The PP has uploaded approved Mining cum Progressive Mine Closure Plan. The Mining cum Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 4.99 ha (12.34 Acres) on Damodar river bed at Plot No. – 810(P), 812(P), 829(P), 830(P), 1267(P), 1268(P), 1419(P), 1420(P), JL No. – 24, Mouza – Idilpur, PS – Bardhaman, Dist – Purba Bardhaman, West Bengal, has been approved by the State Government on 15.05.2018. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 129000 m³ and total geological reserve of 149700 m³.
- The PP has not uploaded pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid LOI.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the event:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 03.02.2023.
- The PP was called for the EC presentation in the 66th SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.

SEAC observations and recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid Lol, PFR and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

2) Reconsideration Proposals :-**2.1) Environmental Clearance****2.1.1) Mining of Minerals**

A. Proposed Khatanga Quartz Mine at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia, West Bengal.**Proposal No. SIA/WB/MIN/194366/2021****Project Proponent M/s. Bankura Mines & Minerals Pvt. Ltd.****Environmental Consultant M/s. Centre for Envotech & Management Consultancy Pvt. Ltd.****Activity:**

- This is a fresh proposal for Khatanga Quartz Mine (Area – 1.08 ha of 2.67 acres) at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia.
- The PP has uploaded approved Mining Plan including Progressive Mine Closure Plan. The Mining Plan including Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for Khatanga Quartz Mine at the site over a lease-hold area of 1.08 ha (2.67 Acres) at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia, West Bengal, has been approved by the State Government on 26.11.2020. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 539567 million tones and total geological reserve of 135050.45 million tonnes.
- LOI was issued on 27.06.2018 in the name of M/s. Bankura Mines & Minerals Pvt. Ltd. at Block – Jhalda II, Mouza – Khatanga, JL No. 191, Plot No. 4(P), PS – Kotshila, Dist – Purulia, West Bengal over an area of 0.78 ha (1.93 acres).

Chronology of the event:

- The proponent applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 10.03.2021.
- The PP presented their EC proposal in the 19th reconstituted SEAC meeting held on 26.08.2021.
- Based on the presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - 1) Valid LOI from the Competent Authority should be submitted.
 - 2) Report of silica content in the dust generated.
 - 3) Estimated maximum ground level concentration of dust beyond the buffer zone around the mine. Mitigation measures adopted for emission of silica dust.
 - 4) Year wise schedule of overburden removal and placement including rehandling. Details regarding backfilling and outside-the-pit dumping may be provided.
 - 5) Progressive and final mine-closure plan clearly showing post mining land uses.
 - 6) Plan to study silica dust emission and health examination of the exposed workers along with complete health check-up plan.
 - 7) Recast plantation plan (to scale) for the green belt indicating tree density, perimeter length, species to be planted etc. (as recommended by DFO) and plant survival plan etc.
 - 8) Surface contour plan.
 - 9) Measurement of post-monsoon depth to water level below ground level of the shallow aquifer and the depth of the wells measured in and around the project site with photographic evidence and groundwater management plan. Few

measurements to be taken upslope and downslope of the quartz vein. Geological details of the quartz vein that will be mined and the surrounding rocks including fracture orientation.

- 10) Drinking water treatment facility to be indicated.
- 11) Measures adopted for top soil conservation.
- 12) Measures adopted for slope stabilisation.
- 13) Preventive measures to minimise the impact of dust emission during transportation should be adopted.
- 14) Photographs of the exact site to find the existing status.
- 15) Noise mitigation during drilling/blasting and health protection of workers.
- 16) New road and road development during transportation.
- 17) Design of garland drain around the overburden dump area should be indicated.
- 18) EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted. 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 based on local public need.
- 19) Pollution control plan for the emission and noise from DG set to be indicated.
- 20) A time bound progressive greenbelt development plan shall be prepared to a scale indicating linear and quantitative coverage, species. Nos. of plants and time frame to ensure that 33% of the project area should remain endured under tree plantation. It is advised to plant the total no. of saplings at a go and then continue maintenance of those saplings for the consecutive four years to register a better rate of survival.

- The project proponent submitted their reply on 04.02.2023 which was considered in the 66th SEAC meeting held on 15.02.2023.

SEAC observations and recommendations:

- The SEAC observed that the plot area mentioned in the EC application, LOI and approved Mining Plan do not match. The plot area mentioned in the LOI is 1.93 acres (0.78 ha) over plot no. 4(P) while the approved mine plan mentions the plot area as 2.67 Acres (1.08 Ha) at Plot No. 4(P) and 56(P). Also, the copy of the valid LOI has not been uploaded in the portal.
- Considering the above, the committee recommended that the PP should submit proper clarifications regarding the above which should be uploaded in the PARIVESH portal for further consideration.

B. Proposed Gobindapur Quartz Mine project at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal.

Proposal No.	SIA/WB/MIN/191772/2021
Project Proponent	M/s. JBS Projects Pvt. Ltd.
Environmental Consultant	M/s. Centre for Envotech & Management Consultancy Pvt. Ltd.

Activity:

- This is a fresh proposal for Gobindapur Quartz Mine project over an area – 1.076 ha (2.66 Acres) at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237,

1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal.

- The PP has uploaded approved Mining Plan including Progressive Mine Closure Plan. The Mining Plan including Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for Gobindapur Quartz Mine project at the site over a lease-hold area of 1.076 ha (2.66 Acres) at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal, has been approved by the State Government on 26.11.2020. It is mentioned in the Mining cum Progressive Mine Closure Plan that the total mineable sand reserve of 34857.17 m³ and total geological reserve of 57823.27 m³.
- LOI was issued on 29.06.2018 in the name of M/s. JBS Projects Pvt. Ltd. at Block – Barabazar, Mouza – Gobindapur, JL No. 170, Plot No. 1242, PS – Barabazar, Dist – Purulia, West Bengal over an area of 2.295 ha (0.73 acres).

Chronology of the event:

- The proponent applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 21.01.2021.
- The PP presented their EC proposal in the 19th reconstituted SEAC meeting held on 26.08.2021.
- Based on the presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - i. Valid LOI from the Competent Authority should be submitted.
 - ii. Mitigation measures adopted for emission of silica dust.
 - iii. Drinking water treatment facility to be indicated.
 - iv. Greenbelt plantation plan (with photographs of area) including tree density, area percentage. Plant species (as recommended by the DFO) along with plant maintenance should be indicated.
 - v. Measures adopted for top soil conservation.
 - vi. Measures adopted for slope stabilisation.
 - vii. The 'rainwater harvesting tank' indicated is actually a settling tank – the terminology should be revised.
 - viii. Study report on impact dust emission during transportation.
 - ix. Plan to study silica dust emission and health examination of the exposed workers along with complete health check-up plan.
 - x. Post monsoon water level study at up slope and down slope.
 - xi. Photographs of the exact site to find the existing status.
 - xii. Noise mitigation during drilling/blasting and health protection of workers.
 - xiii. New road and road development during transportation.
 - xiv. Design of garland drain around the overburden dump area should be indicated.
 - xv. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted. 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 based on local public need.
- xvi. Plan for health examination of the exposed workers along with complete health check-up plan including audiometry.
 - xvii. Year wise schedule of overburden removal and placement including rehandling. Details regarding backfilling and outside-the-pit dumping may be provided.
 - xviii. Progressive and final mine-closure plan clearly showing post mining land uses. Reclamation Plan.
 - xix. Geological details of the quartz vein that will be mined and the surrounding rocks including fracture orientation.
 - xx. Measurement of post-monsoon depth to water level below ground level of the shallow aquifer and the depth of the wells measured in and around the project site with photographic evidence and groundwater management plan. Few measurements to be taken upslope and downslope of the quartz vein.
 - xxi. A time bound progressive greenbelt development plan shall be prepared to a scale indicating linear and quantitative coverage, species. Nos. of plants and time frame to ensure that 33% of the project area should remain endured under tree plantation. It is advised to plant the total no. of saplings at a go and then continue maintenance of those saplings for the consecutive four years to register a better rate of survival.
- The project proponent submitted their reply on 04.02.2023 which was considered in the 66th SEAC meeting held on 15.02.2023.

SEAC observations and recommendations:

- The SEAC observed that the plot area mentioned in the EC application, LOI and approved Mining Plan do not match. The plot area mentioned in the LOI is 0.73 acres (0.295 ha) over plot no. 1242 while the approved mine plan mentions the plot area as 2.66 Acres (1.076 ha) at Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P). Also, the copy of the valid LOI has not been uploaded in the portal.
- Considering the above, the committee recommended that the PP should submit proper clarifications regarding the above which should be uploaded in the PARIVESH portal for further consideration.

2.2.1) Industry Sector -

- B. Proposed expansion of 4x20 Tonnes Induction Furnaces with Ladle Refining Furnace, CCM and expansion of Wire Rod / Rolling Mill capacity from 1,20,000 to 2,50,000 TPA at JL No. 65, Khatian No. 3743, 3825, JL No. 58, Khatian No. 2374, 2885, 3085, 2884, Vill – Banskopa, PO – Bamunara, Durgapur, Dist – Paschim Bardhaman, West Bengal.**

Proposal No.

SIA/WB/IND1/400440/2010

Project Proponent -

M/s. VSP Udyog Pvt. Ltd.

Environmental Consultant -

M/s. Pacific Scientific Consultancy Ltd.

Activity:

- This is a proposal for expansion of the existing unit by installation of 4x20 Tonnes Induction Furnaces with Ladle Refining Furnace, CCM and expansion in Wire Rod / Rolling Mill capacity from 1,20,000 to 2,50,000 TPA at JL No. 65, Khatian No. 3743, 3825,

JL No. 58, Khatian No. 2374, 2885, 3085, 2884, Vill – Banskopa, PO – Bamunara, Durgapur, Dist – Paschim Bardhaman, West Bengal.

Salient Features

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

Brief description of the project	Proposed additional 4x20 Tonnes Induction furnaces for production of 264000 TPA M.S. Billet along with Ladle Refining Furnace (25 Ton Capacity per Ladle), 3 Strand CCM and expansion of Wire Rod/Rolling Mill-2 capacity from 1,20,000 to 2,50,000 TPA			
Project Location	JL No.65, Khatian No.3743, 3825, J.L.No.58, Khatian No.2374, 2885, 3085, 2884, Banskopa, PO-Bamunara, Durgapur, Dist. Paschim Bardhaman, West Bengal, PIN 713212. Site Coordinates: 23°29'41"N, 87° 22'30"E			
Proposed Products & Capacity	Particular	Existing	Subsequent Modification/Addition	Total Production Capacity
	Induction Furnace	2 no 8 T 1 no 15 T	4 no 20 T	--
	M.S. Billets	90600 TPA	264000 TPA	354600 TPA
	Rolling mill -1	80000 TPA	--	80000 TPA
	Wire Rod/ Rolling mill -2	120000 TPA	130000 TPA	250000 TPA
	Ladle Refining Furnace	--	25 Ton Capacity per Ladle	25 Ton Capacity per Ladle
	CCM	4/7 Mtrs 2 Strand	6/11 Mtr 3 Strand	
Raw materials	Induction Furnace (Qty. Required for 1 Ton Billet Production) Sponge Iron made by Natural Iron Ore - 0.118 T Sponge Iron made by Pellet - 0.793 T Pig Iron - 0.021 T Cast Iron Boulder (205-1) - 0.074 T Mild Steel / Cast Iron (70-250) - 0.029 T Scrap - 0.084 T Cast Iron (2-15) - 0.118 T			
Total Plant Area	21.7 acres (88098.62 sqm)			
Greenbelt area	7.16 acres (33%)			
Power Demand	Existing	Proposed		
	20 MVA	20 MVA		
Source: WBSEDCL and existing DG set (For back up).				
DG set (For back up).	Existing		Proposed	
	1x125 KVA		Nil	
	1X250 KVA			
	1X500 KVA			
	1X125 KVA			
Water Demand	Particulars	Requirement for Existing Plant (KLD)	Requirement for Proposed Plant (KLD)	Total (KLD)

	Water for cooling (Make up)	57	97	154
	Domestic Purpose & other uses	3	3	6
	Total	60	100	160
	Source: The required water will be sourced from Ground water.			
Air pollution control device	Existing Stack No.	Stack Attached to	APC System & Air Volume	
	1.	1 Nos. 8 T Induction Furnace	Spark Arrestor & Bag Filter Volume-14694 Nm3 /hr	
		1 Nos. 8 T Induction Furnace	Spark Arrestor & Bag Filter Volume-14890 Nm3 /hr	
		1 Nos. 15T Induction Furnace	Spark Arrestor & Bag Filter Volume-15792 Nm3 /hr	
	2.	Re-Heating Furnace	--	
	3.	1x125 KVA DG	--	
	4.	1X250 KVA DG	--	
	5.	1X500 KVA DG	--	
	6.	1X125 KVA DG	--	
	Proposed Stack No.	Stack Attached to	APC System & Air Volume	
	1	1 Nos. 20 T Induction Furnace	Bag Filter Volume - 75000 Nm³/hr Each	
		1 Nos. 20 T Induction Furnace	Bag Filter Volume - 75000 Nm³/hr Each	
		1 Nos. 20 T Induction Furnace	Bag Filter Volume - 75000 Nm³/hr Each	
		1 Nos. 20 T Induction Furnace	Bag Filter Volume - 75000 Nm³/hr Each	
Solid waste generation	320 Tonnes/month (approx) generated slag from induction furnace will be used in road construction. Approx 320 Tonnes /month dust will be generated from Air pollution control system which will be utilized in making the fly ash bricks. Approx. 15 Tonnes /month Slag from LRF will be used for land fill. Mill scale from rolling 30 Tonnes/month (approx) will be recycled in Induction furnace. 40 Tonnes/month (approx) will be remelted in the process.			
Manpower	310 persons			
Total cost of the project.	Rs. 190.80 Crores.			

Chronology of the event:

- Earlier the PP had obtained EC issued by SEIAA vide No. 1502/EN/T-II-1/017/2011 dated 19.06.2015 and Consent to Operate from WBPCB vide Memo No. 125-7WPBD-Cont(2349)/05 dated 01.02.2022 which is valid upto 31.07.2026.
- The PP had also obtained DFO approved plantation plan for 28975.27 sqm. (33% of land area).

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.12.2021 (Proposal No, SIA/WB/IND/67416/2021).
- The PP had obtained Auto-Terms of References (TORs) issued by SEIAA, West Bengal on 23.11.2021.
- Public hearing was conducted on 12.08.2022 by WBPCB and District Authority following the procedures as per EIA Notification, 2006 and its amendments.
- The PP had applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 22.12.2022.
- The PP was called for the EC presentation in the 63rd SEAC meeting held on 18.01.2023 and the PP presented their proposal in the meeting.
- The SEAC observed that the project falls within Bamunara Area which is within 5 km. of Durgapur Municipal Corporation boundary, declared as Severely Polluted Area.
- 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) Certified Compliance Report (CCR) stating complete compliance with the provisions laid down in MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
 - 2) The plot area mentioned in the DFO approved plantation area does not match with the plot area mentioned in the EIA report.
 - 3) Status of existing plantation with photographs.
 - 4) Complete land documents including conversion for all the plots and mutated in the name of project proponent within the actual plot area. Summary of the area, present character and ownership of the plots should be submitted.
 - 5) Permission/application for ground water abstraction for the water requirement of the entire project (160 KLD).
 - 6) Pollution control system for the slag crusher.
 - 7) Flow chart for water balance showing use of harvested rainwater. Waterline should be shown into the process flowsheet.
 - 8) The committee directed the PP to revamp the emission control system for the existing plant so that the overall impact on ambient air quality remains the same. Air quality within the processing areas of the plant after expansion should be within prescribed permissible exposure limits. Revised plan for upgradation of emission control system air quality monitoring system should be submitted.
 - 9) Height for the ambient air quality monitoring stations during baseline studies should be mentioned.
 - 10) Plan for prevention of occupational health hazards and safety measures for workers (e. g. physical injuries, fire hazards, electrical shocks, noise hazards etc.) to be submitted.
 - 11) Emergency preparedness plan.
 - 12) Distance of proposed tube wells from nearest tube wells.
 - 13) Depth of bore wells for ground water monitoring conducted during baseline study.
 - 14) Display board for display of all environmental parameters and beneficiary of the social part of EMP. Plan in this regard should be submitted.
 - 15) Year-wise budget break-up should be provided for the need-based activities of the EMP.

- The project proponent uploaded their reply in PARIVESH Portal on 13.02.2023, which was considered in the 66th SEAC meeting held on 15.02.2023.

SEAC observations and recommendations:

- The SEAC observed that plot no. 3047, although mutated, is yet to be converted. The PP had earlier obtained EC for the project and they have applied for expansion. It is mentioned by the PP that plot no. 3047 will fall within greenbelt area. Also, the PP has mentioned that the Land Factory Boundary area is 21.70 Acres and Green Belt area is 7.16 Acres which is equivalent to 33%.
- The SEAC scrutinized the documents submitted by the project proponent in the meeting and after careful consideration and detailed deliberation the committee **recommended the proposed project for Environmental Clearance** with the additional conditions mentioned in O.M. issued by MoEF&CC vide F No. 22-23/2018.IA.III(Pt.) dated 31.10.2019 as the project is located within 5 km. of the municipal boundary of Durgapur Municipal Corporation which is declared as Severely Polluted Area.

Table-1 : List of the projects which were placed before the reconstituted SEAC in the sixty-sixth meeting held on 15.02.2023 and the Summary Decisions thereof:

Sl. No.	Name of the unit & Project address	Summary Decision
1) Cases for Technical Presentation		
1.1) Environmental Clearance		
1.1.1) Construction Sector		
A.	M/s. Ullahas Nandini Udyog Pvt. Ltd. Proposed Residential Complex "Southwind Exotica" at Village – Baikunthapur, Mouza – Kanainatshal, JL. No.- 76, R.S. & L.R. Plot No.- 376, 372, 380 & 381/596, L.R. Khatian No.- 3067, under Baikunthapur II Gram Panchayat, P.S.- Bardhaman Sadar, District - Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/INFRA2/415460/2023).	Additional Details Sought
1.2) Terms of Reference		
1.2.1) Mining of Minerals		
A.	Shri Pawan Arora Proposed Dakshin Gopalpur Sand Mine on Damodar River at Plot No.- 1832: J.L. No.- 165, Mouza- Dakshin Gopalpur, P.S. -Burdwan, District- Burdwan, West Bengal. (Proposal No. SIA/WB/MIN/74675/2022)	Rejected
B.	Shri Arun Kumar. Proposed Kotalsol Sand Mine on Kangsbati River at Plot No.- 194, JL No.- 108, Mouza / Village- Kotalsol, Block & P.S.- Sarenga, Dist.- Bankura, West Bengal. (Proposal No. SIA/WB/MIN/74666/2022).	Absent

Sl. No.	Name of the unit & Project address	Summary Decision
C.	Shri Sumit Singh. Proposed Rangamati Sand Mine on Damodar River at Plot No: 1753, 1756 & 1775, JL No.-09, Mouza: Rangamati, P.S. Sonamukhi, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/72781/2022).	Additional Details Sought
D.	Manirul Mondal. Proposed Madhpur Sand Mine on Ajay River at Plot No.- 1416(P), JL No. -86, Mouza- Madhpur, P.S. - Mongalkote, District- Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/55484/2020).	Recommended Terms of Reference
1.3) Environmental Clearance		
1.3.1) Mining of Minerals		
A.	Sheikh Mursed Ali. Proposed Chhotapasha Sand Mine on Kangshabati River at JL No. -535, Plot No.- 266(P), Mouza- Chhotapasha, P.S. - Keshpur, District- Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/260697/2022).	Additional Details Sought
B.	Shri Binoy Dhara. Proposed Kherua Sand Mine on Ajay River at JL No.- 97, Plot No.- 827(P), Mouza- Kherua, P.S.- Mongalkote, Dist- Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262484/2022).	Additional Details Sought
C.	Manirul Mondal. Proposed Bangpur Sand Mine on Damodar River at JL No.- 32, Plot No.- 1704(P) & Ors, Mouza- Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262524/2022).	Rejected
D.	Shri Kartick Chandra Ghosh. Proposed Tildanga Sand Mine on Damodar River at JL No.-66, Plot No.299(P),300(P), & Ors/B, Mouza- Tildanga, P.S- Khandaghosh, Dist - Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262547/2022).	Additional Details Sought
E.	Shri Dinanath Chowdhury. Proposed Bangpur Sand Mine on Damodar River at JL No.- 32, Plot No.1804(P), 1812(P), 1813(P), 1814(P), 1815(P), 1816(P), 1817, 1818 & Ors., Mouza- Bangpur, P.S- Bardhaman, Dist - Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262503/2022).	Rejected
F.	Mr. Basiruddin Seikh. Proposed Krishnadebpur Sand Mine on Bhagirathi River at Plot No: 2251(P) (HAL 3199,3200) & Ors., J.L. No.-91, Mouza: Krishnadebpur, P.S. Kalna, District: Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262924/2022).	Rejected

Sl. No.	Name of the unit & Project address	Summary Decision
G.	M/s. Somrith Enterprise. Proposed Gerai Sand Mine on Kunur River at J.L. No.-09, Plot No.1893(P), Mouza –Gerai, P.S.- Ausgram, Dist – Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262598/2022)	Rejected
H.	Shri Soumitra Adhikari. Proposed Kansra Sand Mine on Damodar River at J.L. No.-44, Plot No.1345(P), Mouza –Kansra, P.S.-Jamalpur, Dist –Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262303/2022).	Rejected
I.	M/s. N. P. Minerals Proposed Kharia China Clay Mine at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza-Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal. (Proposal No. SIA/WB/MIN/41581/2019)	Additional Details Sought
J.	Shri Shibnarayan Shaw Proposed Bangpur Sand Mine on Damodar River at Plot No. – 1887(P), 1898(P), JL No. – 32, Mouza – Bangpur, Block – Bardhaman-1, P.S. – Bardhaman, Dist – Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/264660/2022)	Rejected
K.	Shri Ashim Panja Proposed Kumirkola Sand Mine on Damodar River at Plot No. – 1462(P), 1463(P), JL No. – 9, Village + Mouza - Kumirkola, PS – Khandaghosh, Block – Khandaghosh, Dist – Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262075/2022)	Additional Details Sought
L.	M/s. Maa Tara Builders. Proposed Kotsimul Sand Mine on Kanki River at Plot No. – 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/263462/2022)	Rejected
M.	Shri Manas Kumar Dhara Proposed Jamalpur Sand Mine on Damodar River at Plot No. – 953(P), JL No. – 30, Village + Mouza – Selimabad, Block – Jamalpur, PS – Jamalpur, Dist - Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/263627/2022)	Rejected
N.	Shri Dibyendu Dey Proposed Kotsimul Sand Mine on Mundeswari River (Kanki) at Plot No. – 834(P), 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba	Rejected

Sl. No.	Name of the unit & Project address	Summary Decision
	Bardhaman, West Bengal (Proposal No. SIA/WB/MIN/263069/2022)	
O.	Shri Sudarshan Gupta Proposed Kotsimul Sand Mine on Mundeswari River (Kanki) at Plot No. - 1349(P), JL No. – 208, Mouza – Kotsimul, PS – Madhabdihi, Dist- Purba Bardhaman, West Bengal (Proposal No. SIA/WB/MIN/264044/2022)	Rejected
P.	Smt. Santilata Roy Proposed Palla Sand Mine on Damodar River at Plot No. – 4005(P) & Ors., JL No. – 45, Mouza – Palla, PS – Memari, District – Purba Bardhaman, West Bengal (Proposal No. SIA/WB/MIN/263411/2022)	Rejected
Q.	Shri Anil Kumar Ray Proposed Bhulka Part - I Sand Mine on Mechi River at Plot No. 1, 2, 3 & 4, JL No. - 6, Mouza – Bhulka, Vill – Ramjanpur, PO – Bhajanpur, PS – Khoribari, Dist – Darjeeling. (Proposal No. SIA/WB/MIN/408773/2022)	Rejected
R.	Shri Santosh Kumar Singh Proposed Nimai SLB 8 Sand Mine on Balason River at Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), JL No.- 57, Mouza- Nimai, P.S. – Matigara, Dist. – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/408774/2022)	Rejected
S.	M/s. Shivalaya Enterprises Proposed Pataner Chatt Sand Mine on Balason River at Plot No. - 14, 15, 5, 8, 16, JL No. - 61, Mouza – Pataner Chatt, PS – Matigara, Dist – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/408759/2022)	Rejected
T.	M/s. Namita Enterprise Proposed Idilpur Sand Mine on Damodar River at Plot No. – 810(P), 812(P), 829(P), 830(P) & Ors., JL No. – 24, Mouza – Idilpur, PS – Bardhaman, Dist – Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/262169/2022)	Rejected
2) Reconsideration		
2.1) Environmental Clearance		
A.	M/s. Bankura Mines & Minerals Pvt. Ltd. Proposed Khatanga Quartz Mine at Plot No. 4(P), 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia, West Bengal. (Proposal No. SIA/WB/MIN/194366/2021)	Additional Details Sought

Sl. No.	Name of the unit & Project address	Summary Decision
B.	M/s. JBS Projects Pvt. Ltd. Proposed Gobindapur Quartz Mine at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal. (Proposal No. SIA/WB/MIN/191772/2021)	Additional Details Sought
C.	M/s. VSP Udyog Pvt. Ltd. Proposed 4 x 20 Tonnes Induction furnaces with Ladle Refining Furnace, CCM and expansion of Wire Rod/Rolling Mill capacity from 1,20,000 to 2,50,000 TPA at Banskopa, PO-Bamunara, Durgapur, Dist. Paschim Bardhaman, West Bengal, PIN 713212, JL No.65, Khatian No.3743, 3825, J.L.No.58, Khatian No.2374, 2885, 3085, 2884. (Proposal No. SIA/WB/IND1/400440/2022)	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/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

(Prof. (Dr.) Indranath Sinha)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

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