

Minutes of the 46th meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on August 14, 2024 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 46th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 14th August, 2024 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

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

1) Reconsideration Proposals :-

1.1) Terms of Reference :

1.1.1) Mining of Minerals:

- I. Proposed Gopiballavpur – I Sand Block MGB – 150 over an area of 5.0 ha (12.35 Acres) on the River Subarnarekha at Plot No. 307 (P) & 312 (P), J.L. No. 38, Village – Narasinghapur, Mouza – Narasinghapur, Post – Athangi, PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506.**

Proposal No.

SIA/WB/MIN/74820/2022

Project Proponent -

M/s. S. G. Projects Ltd. (Ajay Singh).

Environmental Consultant -

M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining at the MGB-150 sand block over an extent of 5.0 ha (12.35 Acres) on the River Subarnarekha at Plot No. 307 (P) & 312 (P), J.L. No. 38, Village – Narasinghapur, Mouza – Narasinghapur, PO & PS – Gopiballavpur, District – Jhargram, West Bengal.
- The project is falling within the potential zone code **JR_GB1_SR_3_4_5_6**.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- **The PP has not uploaded the copy of valid Lol.**
- **The PP has not uploaded cluster certificate from the competent authority.**

- The PP has not uploaded properly approved Mine Plan.

Chronology of Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 06.04.2022.
- The PP was called for the ToR presentation in the 68th SEAC meeting held on 01.03.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee observed that the 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 Jhargram district. But since the **PP has not submitted requisite mandatory documents**, therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Cluster certificate from the competent authority should be submitted.
 - 2) Original Lol along with all subsequent letters of validity-extension from the competent authority should be submitted.
 - 3) Taking into consideration the replenishment rates reported in the approved DSR for Paschim Medinipur, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 4) A properly revised Mining cum Progressive Mine Closure Plan, duly approved by the competent authority must be submitted.
 - 5) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 6) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 7) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.
 - 8) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 9) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

- The project proponent uploaded their reply in PARIVESH Portal on 11.08.2024 **along with the revised Mining Plan dated 25.07.2023, cluster certificate, valid Lol**, which was considered in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming cluster with adjacent 2 (two) no. of sand blocks of MGB-151(207/SB2021) and MGB-153(211/SB2021).**
- The production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine

| Year | Total Volume of the Area (cum) | Replenishment Rate (%) | Geological Resource (cu.m) |
|----------------------------------|--------------------------------|------------------------|----------------------------|
| 1 | 125000 | 100 | 125000 |
| 2 | 125000 | 73.67 | 92087.50 |
| 3 | 125000 | 73.67 | 92087.50 |
| 4 | 125000 | 73.67 | 92087.50 |
| 5 | 125000 | 73.67 | 92087.50 |
| Total Geological Resource | | | 493350.00 |

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

| Year | Total volume inside 7.5m berm after maintaining 45° slope (cum) | Replenishment rate % | Mineable reserve (cu.m) | Annual production (cu.m) |
|-------------------------------------|---|----------------------|-------------------------|--------------------------|
| 1 | 105541 | 100 | 105541 | 105541 |
| 2 | 105541 | 73.67 | 77752.0547 | 77752.0547 |
| 3 | 105541 | 73.67 | 77752.0547 | 77752.0547 |
| 4 | 105541 | 73.67 | 77752.0547 | 77752.0547 |
| 5 | 105541 | 73.67 | 77752.0547 | 77752.0547 |
| Total Mineable Reserve(cu.m) | | | 416549.219 | 416549.219 |

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024 and after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 - Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.
 - Photographs of the site mentioning the geo-coordinates.
 - Standard practice of management of the intermediate storage area should be submitted.

4. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
5. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
6. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
7. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
8. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.
9. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.
10. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.
11. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.
12. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
13. Management plan including the final closure plan of haul road to be submitted.
14. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

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

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

- II. **Proposed Gopiballavpur – I Sand Block MGB – 151 over an area of 5.0 ha (12.35 Acres) on the River Subarnarekha at Plot No. 307 (P) & 312 (P), J.L. No. 38, Village – Narasinghapur, Mouza – Narasinghapur, Post – Athangi, PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506.**

Proposal No.

SIA/WB/MIN/74818/2022

Project Proponent -

M/s. S. G. Projects Ltd. (Ajay Singh).

Environmental Consultant -

M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining at the MGB – 151 Sand Block over an extent of 5.0 ha (12.35 Acres) on the River Subarnarekha at Plot No. 307 (P) & 312 (P), J.L. No. 38, Village – Narasinghapur, Mouza – Narasinghapur, PO & PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506.
- The project is falling within the potential zone code **JR_GB1_SR_3_4_5_6**.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- **The PP has not uploaded the copy of valid Lol.**
- **The PP has not uploaded cluster certificate from the competent authority.**

Chronology of Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 05.04.2022.
- The PP was called for the ToR presentation in the 68th SEAC meeting held on 01.03.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee observed that the 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 Jhargram district. But since the **PP has not submitted requisite mandatory documents**, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Cluster certificate from the competent authority should be submitted.
 - 2) Original Lol along with all subsequent letters of validity-extension from the competent authority should be submitted.
 - 3) Taking into consideration the replenishment rates reported in the approved DSR for Jhargram, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 4) A properly revised Mining cum Progressive Mine Closure Plan, duly approved by the competent authority must be submitted.
 - 5) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

- 6) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 7) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.
 - 8) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 9) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 11.08.2024 **along with the revised Mining Plan dated 25.07.2023, cluster certificate, valid Lol**, which was considered in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024.
 - The PP has uploaded cluster certificate from the competent authority. **The sand block is forming cluster with adjacent 2 (two) no. of sand blocks of MGB-150(210/SB2021) and MGB-153(211/SB2021).**
 - The production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine

| Year | Total Volume of the Area (cum) | Replenishment Rate (%) | Geological Resource (cu.m) |
|----------------------------------|--------------------------------|------------------------|----------------------------|
| 1 | 125000 | 100 | 125000 |
| 2 | 125000 | 73.67 | 92087.50 |
| 3 | 125000 | 73.67 | 92087.50 |
| 4 | 125000 | 73.67 | 92087.50 |
| 5 | 125000 | 73.67 | 92087.50 |
| Total Geological Resource | | | 493350.00 |

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

| Year | Total volume inside 7.5m berm after maintaining 45° slope (cum) | Replenishment rate % | Mineable reserve (cu.m) | Annual production (cu.m) |
|------|---|----------------------|-------------------------|--------------------------|
| 1 | 105789 | 100 | 105789 | 105789 |
| 2 | 105789 | 73.67 | 77934.7563 | 77934.7563 |
| 3 | 105789 | 73.67 | 77934.7563 | 77934.7563 |
| 4 | 105789 | 73.67 | 77934.7563 | 77934.7563 |
| 5 | 105789 | 73.67 | 77934.7563 | 77934.7563 |

| | | |
|------------------------------|------------|------------|
| Total Mineable Reserve(cu.m) | 417528.025 | 417528.025 |
|------------------------------|------------|------------|

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024 and after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.
 2. Photographs of the site mentioning the geo-coordinates.
 3. Standard practice of management of the intermediate storage area should be submitted
 4. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
 5. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 6. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
 7. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 8. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.
 9. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.
 10. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.
 11. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.

12. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
13. Management plan including the final closure plan of haul road to be submitted.
14. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

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

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

III. Proposed Gopiballavpur – I Sand Block MGB – 153 over an area of 5.0 ha (12.35 Acres) on the River Subarnarekha at Plot No. 1501 (p), J.L. No. 39, Village – Kanchanpur, Mouza – Kanchanpur, Post – Dhamsole, PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506.

Proposal No.

SIA/WB/MIN/74786/2022

Project Proponent -

Shri Diljot Singh Sabharwal.

Environmental Consultant -

M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of MGB – 153 Sand Block over an extent of 5.0 ha (12.35 Acres) on River Subarnarekha at Plot No. 1501 (p), J.L. No. 39, Village – Kanchanpur, Mouza – Kanchanpur, Post – Dhamsole, PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506.
- The project is falling within the potential zone code **JR_GB1_SR_3_4_5_6**.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- **The PP has not uploaded the copy of valid Lol.**
- **The PP has not uploaded cluster certificate from the competent authority.**
- **The plot area mentioned in the Lol and the approved Mine Plan is in a mismatch.**

Chronology of Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 05.04.2022.
- The PP was called for the ToR presentation in the 68th SEAC meeting held on 01.03.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee observed that the 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 Jhargram

district. But since the **PP has not submitted all the requisite mandatory documents**. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Cluster certificate from the competent authority should be submitted.
 - 2) Original Lol along with all subsequent letters of validity-extension from the competent authority should be submitted.
 - 3) Taking into consideration the replenishment rates reported in the approved DSR for Paschim Medinipur, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 4) A properly revised Mining cum Progressive Mine Closure Plan, duly approved by the competent authority must be submitted. There should not be any mismatch of data in the Lol and the Mining Plan.
 - 5) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 6) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 7) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.
 - 8) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 9) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 02.08.2024 **along with the revised Mining Plan dated 25.07.2023, cluster certificate, valid Lol**, which was considered in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024.
 - The PP has uploaded cluster certificate from the competent authority. **The sand block is forming cluster with adjacent 2 (two) no. of sand blocks of MGB-150(210/SB2021) and MGB-151(207/SB2021).**
 - The production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine

| Year | Total Volume of the Area (cum) | Replenishment Rate (%) | Geological Resource (cu.m) |
|------|--------------------------------|------------------------|----------------------------|
| 1 | 125000 | 100 | 125000 |

| | | | |
|----------------------------------|--------|-------|------------------|
| 2 | 125000 | 73.67 | 92087.50 |
| 3 | 125000 | 73.67 | 92087.50 |
| 4 | 125000 | 73.67 | 92087.50 |
| 5 | 125000 | 73.67 | 92087.50 |
| Total Geological Resource | | | 493350.00 |

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

| Year | Total volume inside 7.5m berm after maintaining 45° slope (cum) | Replenishment rate % | Mineable reserve (cu.m) | Annual production (cu.m) |
|-------------------------------------|---|----------------------|-------------------------|--------------------------|
| 1 | 105903 | 100 | 105903 | 105903 |
| 2 | 105903 | 73.67 | 78018.7401 | 78018.7401 |
| 3 | 105903 | 73.67 | 78018.7401 | 78018.7401 |
| 4 | 105903 | 73.67 | 78018.7401 | 78018.7401 |
| 5 | 105903 | 73.67 | 78018.7401 | 78018.7401 |
| Total Mineable Reserve(cu.m) | | | 417977.96 | 417977.96 |

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024 and after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.
 2. Photographs of the site mentioning the geo-coordinates.
 3. Standard practice of management of the intermediate storage area should be submitted
 4. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 5. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 6. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the

project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

7. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
8. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.
9. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.
10. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.
11. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.
12. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
13. Management plan including the final closure plan of haul road to be submitted.
14. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

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

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

IV. Proposed Gopiballavpur - II Sand Block MGB - 94 over an area of 5 ha (12.35 Acres) on the Subarnarekha River at J.L. No. 252, Plot No. 475 (p), Village - Chhatina, Mouza – Chhatina, Block – Gopiballavpur – II, Police Station – Beliaberah, District – Jhargram, West Bengal.

| | |
|-----------------------------------|----------------------------------|
| Proposal No. | SIA/WB/MIN/74573/2022 |
| Project Proponent - | Sayed Asfak Ali. |
| Environmental Consultant - | M/s. Crystal Consultants. |

Activities:

- This is a proposal for riverbed sand mining of MGB - 94 Sand Block over an area of 5 ha (12.35 Acres) on the Subarnarekha River at J.L. No. 252, Plot No. 475 (p), Village - Chhatina, Mouza – Chhatina, Block – Gopiballavpur – II, Police Station – Beliaberah, District – Jhargram, West Bengal.

- The project is falling within the potential zone code **JR_GB2_SR_23**.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The **PP has not uploaded the copy of valid Lol**.
- The **PP has not uploaded cluster certificate** from the competent authority.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 30.03.2022.
- The PP was called for the ToR presentation in the 71st SEAC meeting held on 22.03.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls completely within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district. But since the **PP has not submitted requisite mandatory documents**, therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Original Lol along with all subsequent letters of validity-extension from the competent authority should be submitted.
 - 2) Cluster certificate from the competent authority.
 - 3) Taking into consideration the replenishment rates reported in the approved DSR for Jhargram, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 4) A properly revised Mining cum Progressive Mine Closure Plan, duly approved by the competent authority must be submitted.
 - 5) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 6) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 7) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.

- 8) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 9) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 12.08.2024 **along with the revised Mining Plan dated 25.07.2023, cluster certificate, valid Lol**, which was considered in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024.
 - The PP has uploaded cluster certificate from the competent authority. **The sand block is forming cluster with adjacent 9 (nine) no. of sand blocks of MGB-20(83/SB2021), MGB-21(84/SB2021), MGB-90(92/SB2021), MGB-91(93/SB2021), MGB-92(94/SB2021), MGB-93(95/SB2021), MGB-95(97/SB2021), MGB-96(98/SB2021) and MGB-97(99/SB2021).**
 - The production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine

| Year | Total Volume of the Area (cum) | Replenishment Rate (%) | Geological Resource (cu.m) |
|----------------------------------|--------------------------------|------------------------|----------------------------|
| 1 | 125000 | 100 | 125000 |
| 2 | 125000 | 73.67 | 92087.50 |
| 3 | 125000 | 73.67 | 92087.50 |
| 4 | 125000 | 73.67 | 92087.50 |
| 5 | 125000 | 73.67 | 92087.50 |
| Total Geological Resource | | | 493350.00 |

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

| Year | Total volume inside 7.5m berm after maintaining 45° slope (cum) | Replenishment rate % | Mineable reserve (cu.m) | Annual production (cu.m) |
|-------------------------------------|---|----------------------|-------------------------|--------------------------|
| 1 | 104584 | 100 | 104584 | 104584 |
| 2 | 104584 | 73.67 | 77047.0328 | 77047.0328 |
| 3 | 104584 | 73.67 | 77047.0328 | 77047.0328 |
| 4 | 104584 | 73.67 | 77047.0328 | 77047.0328 |
| 5 | 104584 | 73.67 | 77047.0328 | 77047.0328 |
| Total Mineable Reserve(cu.m) | | | 412772.131 | 412772.131 |

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting SEAC, WB (2023-2026) held on 14.08.2024 and after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-

1. Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.
2. Photographs of the site mentioning the geo-coordinates.
3. Standard practice of management of the intermediate storage area should be submitted
4. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
5. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
6. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
7. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
8. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.
9. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.
10. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.
11. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.
12. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
13. Management plan including the final closure plan of haul road to be submitted.
14. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

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

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

1.2) Environmental Clearance :

1.2.1) Construction Sector :

I. Proposed Modification of “Aerotropolis Township” at Village: Andal, Dakshinkhanda, Tamla, Patsaora, Taluk: Durgapur, District: Paschim Bardhaman, West Bengal.

Proposal No.: SIA/WB/INFRA2/450748/2023
 Project Proponent: M/s. Bengal Aerotropolis Projects Limited.
 Environmental Consultant: M/s. Voyants Solutions Private Limited.

Activities:

- This is a proposal for Integrated Township (including group housing, Bungalow, Commercial and Industries). Total project site is spread over an area of 1977 acre, Net plot area of the project site is (1327 acres) with Residential Area 362.77 acres, Industrial Park 188.69 acres, Institutional Area 63.41 acres, Rehabilitation & EWS Area 91.11 acres, Mixed Use 358.38 acres: - (MU-residential 17.78, MU- Industrial 205.35 acres, and MU- institutional Area 135.25 acres), Road Area: - 145.41 acres, Utilities Area: - 30.5 acres, development of green belt has been planned over an area of 87.63 acres.
- The project proponent had already obtained Environmental Clearance vide No. EN/2041/T-II-1/025/2009 dated 11.08.2011.

Salient Features of the project:

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

| | |
|--|--|
| Land Area | 1327.9 Acre |
| Block details | The project site is located in Andal, Dakshinkhanda, Tamla, Patsaora villages of Durgapur Taluk in the Paschim Bardhaman district of West Bengal |
| No. of flats | 24747 |
| Expected Population (as per | 254261 |
| Total Water requirement (as per NBC, 2016) | 26038 KLD in which 17671 KLD from DMC fresh water and 8367 KLD recycled water |
| Fresh Water requirement | 17671 KLD |
| Wastewater generated | 22503 KLD |
| Wastewater recycled | 18003 KLD |
| Wastewater discharged | Nil as project will act on ZLD |
| Solid waste generation & disposal (as per NBC, 2016) | 54506 kg/day |
| Total Built-up Area | 18846028.04 sqm |

| | |
|---|---|
| Ground Coverage with percentage of the total land area | 47% (average) |
| Service Area with percentage of the total land area | 19.8% |
| Waterbody Area (if any), with percentage of the total land area | 49 ponds which covers 31.89 acres |
| Exclusive Tree Plantation Area with percentage of the total land area | 324.41 acre of land out of the total area i.e. 1327.9 acre. 24% of the total land area. Existing trees – 350 Already planted – 2600 Proposed Further Plantation – 14135. |
| Other Green Area with percentage of the total land area | 324.41 acre 24% of the Net plot area 1327.9 acre. The BAPL will be planting green belt with an area of 60.31 acre which is 3%. Remaining area 21% (264.1 acre) will be developed by individual-by-individual plot owners. |
| Total Paved Area with percentage of the total land area | 80% |
| Area for services | 263.541 |
| Peak power demand load for the project | 146.64 MVA from WBSETCL |
| Solar power plant generation in KW & % of the connected load | 8640 KW |
| No. of Parking spaces proposed | To be given by individual project owners as per norms |
| No. of Trees proposed | 14135 |
| Backup Power | 2 No. of D.G sets with the total capacity 4000 kVA (2x2000) |
| Project Cost (Rs.) | Rs. 480.34 crores |

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 22.02.2023 (Proposal No. SIA/WB/INFRA2/419254/2023).
- In accordance with the recommendation of the SEAC, SEIAA, issued ToR vide No. 788/EN/T-II-1/182/2023 dated 25.04.2023.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 13.12.2023.
- The PP was called for the EC presentation in the 23rd meeting of the SEAC, WB (2023-2026) held on 03.01.2024 and the PP presented their proposal in this meeting.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC observed that the PP has not submitted the EIA report covering all the points mentioned in the ToR, especially the additional points given in the ToR have not been properly addressed. The PP is requested to submit specific and proper replies to the ToR points. Also, the following documents / clarifications should be uploaded:

Mandatory documents

1. Built up area of the project should be submitted only as defined by MoEF&CC vide their O.M. dated 07.07.2017.
2. The population calculation, water requirement, solid waste generation and waste water generated should be done on basis of NBC, 2016.
3. Concurrence from the competent authority for discharge of storm water, waste water and solid waste generated should be submitted.
4. Permission from WBF&ES and Airport Authority of India for the entire project.
5. Salient feature of the project. The features of the project should include the correct built up area defined by MoEF & CC as given in the sanctioned building plan, population and water requirement as per NBC, 2016. The area statement of the project in sqm. and percentage should be certified by the competent authority.
6. All features of the Notification vide no. 2495/EN/T-II-1/011/2018 dated 17.12.2019 issued by SEIAA should be complied with. The revised features of the project should be submitted accordingly.

Water & waste water

7. Recycling/use of treated wastewater has been proposed. Detailed plan (like any conveyance system for the treated wastewater) for such recycling from a centralised STP of a township may be elaborated.
8. Revised water balance diagram should be submitted.
9. Water-efficient plumbing fixtures and fittings conforming to relevant IS standards should be installed.

Land and Land use

10. Revised, complete and clarified land use statement with percentage should be provided

Air quality

11. Heights of the air-quality monitoring points/ air sample collection points to be specified.

Building materials and energy consumption

12. PP shall commit to adopt a bird-safe façade treatment, wherever applicable, with bird-friendly glass solutions that provide the greatest chance for birds to identify the glazing surfaces and avoid collision.
13. Energy efficient and energy-labelled appliances/ equipments should be installed and an inventory in this regard may be maintained.

Solar PV

14. Layout plan for proposed solar PV and utilization plan for the solar energy should be submitted.

Greenbelt / tree plantation

15. The green belt area submitted by the PP is not in consonance with the DFO approved plantation plan. The total area of the project is given as 1977 acres while the DFO approved plantation plan is for 60.31 acre which is only 3% of the plot area. Necessary clarification in this regard should be submitted. Contractual

bindings for providing stipulated percentage of plantation areas, for the individual land owners for residential and industrial projects, respectively, should be provided.

Need based EMP

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

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

- The project proponent uploaded their reply in PARIVESH Portal on 30.04.2024, which was considered in the 38th meeting of SEAC, WB (2023-2026) held on 18.05.2024.
- The SEAC scrutinized the documents submitted by the PP in the 38th meeting of SEAC, WB (2023-2026) held on 18.05.2024. After careful consideration and detailed deliberation, the committee recommended that since the entire project proposal consisting of salient features of the project have been changed from the EIA report, the PP should submit a revised EIA report for the project and appear for a presentation before the SEAC.
- The project proponent uploaded their reply in PARIVESH Portal on 03.06.2024 along with the revised EIA report. The PP presented their proposal in the 40th meeting SEAC, WB (2023-2026) held on 08.06.2024.
- The SEAC considered the presentation of the PP and scrutinized the documents submitted by the PP in the 40th meeting SEAC, WB (2023-2026) held on 08.06.2024. Based on the presentation and submission made by the PP, the SEAC observed that the PP has not uploaded proper reply to the queries raised. During the presentation made by the PP, the SEAC noted that considerable rectification regarding queries should be incorporated in the EIA report. Therefore, the PP should revise their EIA report accordingly as discussed in the meeting.

Further, following additional points also to be considered :

1. Detailed flow diagram of STP and ETP should be submitted. Usage of ETP-treated water (instead of STP) should be indicated. The ETP-treated water should be routed to the reservoir through the STP. Scheme should be revised.
2. 1% of the total power should be solar.
3. An assessment of the local needs to be done and should be submitted.

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

- The project proponent uploaded their reply in PARIVESH Portal on 08.08.2024, which was considered in the 46th meeting of SEAC, WB (2023-2026) held on 14.08.2024.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting of SEAC, WB (2023-2026) held on 14.08.2024. After careful consideration and detailed deliberation, the committee decided that the PP should submit :-

- 1) the entire proposal in conformity with the URDPFI Guidelines of Ministry of Housing and Urban Affairs, particularly related to the 'Organized Green' spaces.
- 2) Revised DFO approved plantation plan for the project.
- 3) A sample agreement with the individual plot owners indicating the condition of maintaining stipulated fraction of plantation.
- 4) Salient features of the project. The land use should mention the area in sqm. and also the percentage of the total area.

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

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

II. Proposed development of a residential & resort complex project comprising of villas, guest rooms along with recreational and hospitality facilities at Dag No. - 155, 161 – 164, 210, 399 – 401, 403 - 414, 418 – 420, 422 – 442, 454, 455, 458 - 460, 462 – 505, 513, 578 – 580, 583 – 586, 588 – 597, 604, 605, Mouza - Somsara & Srirampur, P.S. - Dadpur, P.O. – Hanral, Dadpur Gram Panchayat, Dist.- Hooghly, PIN – 712149, West Bengal.

| | |
|----------------------------------|---|
| Proposal No.: | SIA/WB/INFRA2/446647/2023 |
| Project Proponent: | M/s. Purti Hotels And Resorts Private Limited. |
| Environmental Consultant: | M/s. Centre for Sustainable Development. |

Activities:

- This is a proposal for development of a residential & resort complex project comprising of villas, guest rooms alongwith recreational and hospitality facilities. Total land area 1,81,704.01 sqm. (as per land deed) and 1,81,056.82 sq.m (As per physical survey). Total built up area is 57,792.93 sq.m.

Chronology of Events:

- The SEAC recommended the proposed project for Environmental Clearance in the 30th meeting of SEAC (2023-2026) held on 28.02.2024 and forwarded the proposal to SEIAA.
- SEIAA considered the recommendation of SEAC in its 45th meeting held on 05.07.2024 and ADS replies submitted by the PP on 29.04.2024 and 27.05.2024. PP could not justify in the ADS reply permission for extraction of 2160 KLD groundwater against its present requirement of 361 KLD. PP attended the hearing before the SEIAA and submitted a different justification (from ADS reply to SEIAA in PARIVESH portal) for having the preset permission of ground water extraction of 2160 KLD.
- PP has replied in ADS to do plantation in additional area however, approved plantation plan of DFO has not been submitted.
- SEIAA in its 45th meeting held on 05.07.2024 referred back the proposal to SEAC for reappraisal since the project has acquired ground water abstraction permission of 2160 KLD which is of industrial nature against requirement of 361 KLD. SEIAA observed that as per the present nature of the project, hence a detail assessment and justification of such huge abstraction permission of industrial nature need to be done.

- The proposal was discussed in the 44th SEAC meeting held on 24.07.2024. Considering the decision taken by the SEIAA in its 45th meeting held on 05.07.2024, the SEAC decided that the PP should submit reasoned justification to the observation made by SEIAA. The PP should also submit fresh DFO plantation plan for the project as mentioned by SEIAA in its meeting.
- The project proponent uploaded their reply in PARIVESH Portal on 06.08.2024, which was considered in the 46th meeting of SEAC, WB (2023-2026) held on 14.08.2024.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting of SEAC, WB (2023-2026) held on 14.08.2024.
- As per the submission made by the PP dated 06.08.2024, the revised salient features of the project are as follows :

| | |
|---|--|
| Total Land Area (as per deed) | 1,81,704.01 sqm. |
| Total Land Area (as per physical survey) | 1,81,056.82 sqm. |
| Ground Coverage Area | 38,002.35 sqm. (20.99% of Land Area) |
| Proposed Waterbody | 24,474.07 sqm. (13.52%) |
| Exclusive Tree Plantation Area | 38,034.06 sqm. (21.00%) |
| Other Green Area | 2,658.327 sqm. (1.47%) |
| Service Area | 1,765.44 sqm. (0.98%) |
| Paved Area | 35,276.53 sqm. (19.48%) |
| Semi - Paved Area | 3,584.191 sqm. (1.98%) |
| Amenities | 3,732.98 sqm. (2.06%) |
| Villa Plot Open Area | 33,528.87 sqm. (18.52%) |
| Building Profile | Resort Complex: Main Resort Block - G+1 storied - 1 no. 2 BR Block – Single storied - 4 nos. 1 BR Block - Single storied - 10 nos. Staff Block - G+3 storied - 1 no. Spa Block - Single storied - 1 no. Family Block - G+1 storied - 1 no. Sarai Block - G+1 storied - 2 no. East End Suite - G+1 storied - 1 no. Pool Pavilion - Single storied - 1 no. Specialty Restaurant - Single storied - 1 no. Club Block - G+1 storied - 1 no. Residential Complex: Villas - G+1 storied - 62 nos. |
| Block usage | Residential & Resort Complex |
| Total Built-up area | 57,792.93 sqm. |
| No. of villas | 62 Nos. |
| Source of Water | Ground Water |
| Quantum of Water required (operation stage) | 553 kLD |
| Quantum of Fresh Water required | 361 kLD |
| Quantity of Wastewater | 196 kLD (to be treated in STP) |

| | |
|------------------------------------|---|
| Generation | |
| Treated Wastewater Recycled | 192 kLD |
| Quantity of Wastewater Discharge | 00 KLD |
| Quantity of Solid Waste Generation | 617.6 kg/day |
| Total Population | Total - 2,101 persons (Resort Boarders - 332 persons, Villa Residents-388 persons, Residing staff - 57 persons, Non – residing staff - 179 persons, Floating population - 150 persons, Restaurant Users - 995 persons) |
| Electrical Load | 7,062 kW (3,044 kW for resort and 4,018 kW for villa) by WBSEDCL |
| Solar Power Utilization | 73.4 kWp |
| D.G. Sets | 2X 1000 kVA for resort and 5 X320 kVA for villa |
| Parking Provided | 453 nos. (open parking for resort complex = 157, open parking for villa complex = 296) |
| Total no. of Trees | 2378 nos. |
| Max. Height of the Building | 13.8 m |
| Project cost (Rs.) | Rs.145.09 crores |

- After careful consideration and detailed deliberation, the committee recommended that the PP should submit the following clarification in the PARIVESH portal :
 - a) An undertaking that the withdrawal of ground water should be limited to the estimated fresh water demand submitted.
 - b) The permission from SWID for the borewells are given in the name of Nateshwar Tradelink Private Limited, whereas the PP is M/s. Purti Hotels and Resorts Private Limited. Reasons for the above should be submitted. The purpose indicated in the application is 'Industrial' for which reasons should be submitted.
 - c) Revised salient features of the project considering the changes in the land use according to the revised DFO approved plantation plan.

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

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

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

1.2.2) Mining of Minerals:

- I. **Proposed Dhulkomra Feldspar & Quartz Mine (O. C.) over an area of 1.9384 ha (4.79 Acres) at Plot No: - 564, 566 & 567, J.L. No. - 81, Mouza- Dhulkomra, P.S.- Kankartala, Khairasole, District - Birbhum, West Bengal.**

Proposal No.

SIA/WB/MIN/407375/2023

Project Proponent -

Shri Jayanta Bhattacharyya.

Environmental Consultant -

M/s. Centre for Envotech and Management
Consultancy Private Limited.

Activities:

- This is a proposal for Dhulkomra Feldspar & Quartz Mine (O. C.) over an area of 1.9384 ha (4.79 Acres) at Plot No: - 564, 566 & 567, J.L. No. - 81, Mouza- Dhulkomra, P.S.- Kankartala, Khairasole, District - Birbhum, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan' prepared for Feldspar & Quartz Mine mining at the site by an RQP. The Plan has been approved by the State Government on 22.02.2021 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- **The name of project proponent / lessee does not appear in the approved DSR of Birbhum district.**
- **The PP has not uploaded cluster certificate** from the competent authority.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Chronology of the Events:

- The PP applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 15.03.2023.
- The PP was called for the EC presentation in the 73rd SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.
- The accredited consultant appearing for the presentation along with the PP is M/s. Centre for Envotech and Management Consultancy Private Limited. However, all the documents uploaded in the portal are in the name of M/s. Rian Enviro Pvt. Ltd. which is also a NABET accredited consultant. Therefore, document regarding change of consultant should be submitted.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
 - i) Grant of lease order.
 - ii) The potential zone as submitted by the PP during their presentation, was shown to be of China Clay instead of Feldspar and Quartz.
 - iii) Revised Mine Plan along with Progressive Mine Closure Plan to be submitted.
 - iv) Status of existing mines with photographs.
 - v) Fencing should be provided around the water-filled old quarry.
 - vi) Cluster certificate from the competent authority.
 - vii) Greenbelt plan and percentage. Species of trees should also be revised.
 - viii) Water supply and permission for the same.
 - ix) Revised need based EMP. List of schools/institutions and communication with schools/institutions to be provided.

- x) Year wise waste generation and disposal plan for over burden.
- xi) Dust-control plan should be provided with water requirement.
- xii) Plan for maintaining the haul road.
- The project proponent uploaded their reply in PARIVESH Portal on 08.08.2024 **along with the revised Mining Plan dated 20.02.2024, Grant Order**, which was considered in the 46th meeting of SEAC, WB (2023-2026) held on 14.08.2024. **The PP has also submitted Lease document for the project for a period of 20 (twenty) years from 14.04.2006.**
- Year wise proposed production of feldspar - quartz as mentioned in the Mining Plan is given below :-

| Year | RL | Average Area in (M ²) | Height (m) | Volume (cum) | Feldspar (cum) (63%) | Quartz (cum) (20%) | Specific gravity | Feldspar (tons) | Quartz (tons) | Quartz & Feldspar (tons) |
|-----------------|---------|-----------------------------------|------------|--------------|----------------------|--------------------|------------------|-----------------|-----------------|--------------------------|
| 1 st | 117-111 | 115 | 6 | 690 | 448.5 | 138 | 2.6 | 1166.10 | 358.8 | 47351.46 |
| | 111-105 | 505 | 6 | 3030 | 1696.5 | 606 | 2.6 | 5120.70 | 1575.6 | |
| | 105-99 | 509 | 6 | 3054 | 1985.1 | 610.8 | 2.6 | 5161.26 | 1588.08 | |
| | 99-93 | 831 | 6 | 4986 | 3240.9 | 997.2 | 2.6 | 8426.34 | 2592.72 | |
| | 93-87 | 1611 | 6 | 9666 | 6282.9 | 1933.2 | 2.6 | 16335.54 | 5026.32 | |
| 2 nd | 87-81 | 1384 | 6 | 8304 | 5397.6 | 1660.8 | 2.6 | 14033.76 | 4318.08 | 31824.00 |
| | 81-75 | 1016 | 6 | 6096 | 3962.4 | 1219.2 | 2.6 | 10302.24 | 3169.92 | |
| Total | | | | 35826 | 23286.9 | 7165.2 | | 60545.94 | 18629.52 | 79175.46 |

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 46th meeting of SEAC, WB (2023-2026) held on 14.08.2024.
- **The project is falling within the DSR potential zone code BH_KR_QRFS_ZONE_01.**
- The PP has uploaded non-cluster certificate from the competent authority. **The mine block is not forming cluster with any adjacent mining lease.**
- After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the following additional conditions :
 - 1) **The validity of EC should be restricted to 13.04.2026.**
 - 2) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipments (PPEs) should be provided for them.
 - 3) A post closure long-term vegetative stabilisation program should be submitted along with the six monthly compliance report.
 - 4) Monitoring of PM₁₀, PM_{2.5} and its SiO₂ (free silica) content should be done along with noise levels.

- 5) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.
- 6) Year-wise excavation schedule showing breakup of pay-mineral and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.
- 7) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined out area.
- 8) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.
- 9) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.
- 10) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.
- 11) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.
- 12) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.
- 13) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.
- 14) Needs of the locality may be assessed and a social part of the EMP should be undertaken as stipulated by MoEF&CC.
- 15) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

The status of compliance of the above mentioned conditions should be submitted along with the six monthly compliance report.

Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the forth-sixth meeting held on 14.08.2024 and the Summary Decisions / Recommendations thereon:

| Sl. No. | Name of the unit and Project address | Summary Decision |
|------------------------------|--|------------------------------------|
| 1. Reconsideration proposals | | |
| 1.1) Terms of Reference | | |
| 1.1.1) Mining of Minerals | | |
| I. | M/s. S. G. Projects Ltd. (Ajay Singh). Proposed Gopiballavpur – I Sand Block MGB – 150 over an area of 5.0 ha (12.35 Acres) on River Subarnarekha at Plot No. 307 (P) & 312 (P), J.L. No. 38, Village – Narasinghapur, Mouza – Narasinghapur, Post – Athangi, PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506. (Proposal No. SIA/WB/MIN/74820/2022). | Recommended for Terms of Reference |
| II. | M/s. S. G. Projects Ltd. (Ajay Singh). Proposed Gopiballavpur – I Sand Block MGB – 151 over an area of 5.0 ha (12.35 Acres) on River Subarnarekha at Plot No. 307 (P) & 312 (P), J.L. No. 38, Village – Narasinghapur, Mouza – Narasinghapur, Post – Athangi, PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506. (Proposal No. SIA/WB/MIN/74818/2022). | Recommended for Terms of Reference |
| III. | Shri Diljot Singh Sabharwal Proposed Gopiballavpur – I Sand Block MGB – 153 over an area of 5.0 ha (12.35 Acres) on River Subarnarekha at Plot No. 1501 (p), J.L. No. 39, Village – Kanchanpur, Mouza – Kanchanpur, PO & PS – Gopiballavpur, District – Jhargram, West Bengal, Pin – 721 506. (Proposal No. SIA/WB/MIN/74786/2022). | Recommended for Terms of Reference |
| IV. | Sayed Asfak Ali Proposed Gopiballavpur - II Sand Block MGB - 94 over an area of 5 ha (12.35 Acres) on Subarnarekha River at J.L. No. 252, Plot No. 475 (p), Village - Chhatina, Mouza – Chhatina, Block – Gopiballavpur – II, Police Station – Beliaberah, District – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/74573/2022). | Recommended for Terms of Reference |
| 1.2) Environmental Clearance | | |
| 1.2.1) Construction Sector | | |
| I. | M/s. Bengal Aerotropolis Projects Limited. Proposed Modification of “Aerotropolis Township” at Village: Andal, Dakshinkhanda, Tamla, Patsaora, Taluk: Durgapur, District: Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/INFRA2/450748/2023) | Additional Details Sought |
| II. | M/s. Purti Hotels and Resorts Private Limited Proposed Residential Complex and Resort Complex at Village - Dadpur Gram Panchayat, Dag No. - 155, 161 – 164, 210, 399 – 401, 403 - 414, 418 – 420, 422 – 442, | Additional Details Sought |

| Sl. No. | Name of the unit and Project address | Summary Decision |
|---|---|---|
| | 454, 455, 458 - 460, 462 – 505, 513, 578 – 580, 583 – 586, 588 – 597, 604, 605, Mouza - Somsara & Srirampur, P.S. - Dadpur, P.O. – Hanral, Dist.- Hooghly, Pincode – 712149, West Bengal. (Proposal No. SIA/WB/INFRA2/446647/2023) | |
| 1.2.1) Mining of Minerals (other than sand) | | |
| I. | Shri Jayanta Bhattacharyya Proposed Dhulkomra Feldspar & Quartz Mine (O. C.) over an area of 1.9384 ha (4.79 Acres) at Plot No: - 564, 566 & 567, J.L. No. - 81, Mouza- Dhulkomra, P.S.- Kankartala, Khairasole, District - Birbhum, West Bengal. (Proposal No. SIA/WB/MIN/407375/2023) | Recommended for Environmental Clearance |

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

Sd/-

Sd/-

(Anirban Gupta)
Chairman
S E A C, West Bengal

(Pradip Kumar Sikdar)
Member
S E A C, West Bengal

Sd/-

Sd/-

(Suchandra Bardhan)
Member
S E A C, West Bengal

(Sampa Chakrabarti)
Member
S E A C, West Bengal

Sd/-

Sd/-

(Indranath Sinha)
Member
S E A C, West Bengal

(Aniruddha Mukhopadhyay)
Member
S E A C, West Bengal

Sd/-

Sd/-

(Shubhendu Bandyopadhyay)
Member
S E A C, West Bengal

(Rajesh Kumar, IPS)
Secretary
S E A C, West Bengal