



सत्यमेव जयते

File No.: 497664/120-MINB2/09-2024

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority (SEIAA),  
ODISHA)

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Dated 22/04/2025



To,

SRI NAROTTAM BARIK  
AT-MATHASAH, KANTIPAL, KENDUJHAR, ODISHA, KENDUJHAR, ODISHA, 758021  
narottambarik1984@gmail.com

**Subject:** Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

**Sir/Madam,**

This is in reference to your application submitted to SEIAA, Odisha vide proposal number SIA/OR/MIN/497664/2024 dated 23/09/2024 for grant of prior Environmental Clearance (EC) to the project of Sanbisol Sand Bed over an area 12.35 Acre or 4.99Hectare in village Sanbisol under Kaptipada Tahasil of Mayurbhanj District, Odisha to Sri Narottam Barik, the successful bidder/lessee under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0107OR5701367N
(ii) File No.	497664/120-MINB2/09-2024
(iii) Clearance Type	Mining EC Under 5 Ha
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Proposal for grant of EC of Sanbisol Sand Bed over an area 12.35 Acre or 4.99Hectare in village Sanbisol under Kaptipada Tahasil of Mayurbhanj District.
(ix) Location of Project (District, State)	MAYURBHANJ, ODISHA
(x) Issuing Authority	SEIAA, Odisha
(xii) Applicability of General Conditions	No

3. In view of the particulars given in the Para-1 above, the project proposal interalia including Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, Kaptipada, topo map etc. were submitted to the SEAC for an appraisal by the State Level Expert Appraisal Committee (SEAC)

under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by SEAC in its meeting held on 05.10.2024. The minutes of the meeting and all the project documents are available on Parivesh portal which can be accessed from the Parivesh portal by scanning the QR Code above:
5. The details of minerals to be mined out along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form-2 in the reports and as presented before SEAC are annexed in Annexure- 2.
6. The SEAC, in its meeting held on 05.10.2024, based on information submitted viz: Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, Kaptipada, topo map etc. & clarifications submitted by the project proponent and after detailed deliberations on all technical aspects and compliance thereto furnished by the Project Proponent, the SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with standard and additional conditions.
7. The SEIAA, Odisha has examined the proposal in 189<sup>th</sup> meeting held on 07.02.2025 in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEAC and hereby accords Environment Clearance for the instant proposal for mining of sand from Sanbisol Sand Bed over an area 12.35 Acre or 4.99Hectare in village Sanbisol under Kaptipada Tahasil of Mayurbhanj District, Odisha to Sri Narottam Barik, the successful bidder/lessee under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure-1.

#### Stipulations

Sl.	Descriptions	Stipulation
(i)	Lease Area:	10.00 Acres or 4.046 Ha. (i). The PP shall maintain safety and stability of Riverbanks i.e. 3 meter or 10% of river width whichever is more for protection of river bank and
(ii)	No Mining Zone:	(ii). 7.5-meter safety zone from all sides of lease boundary. (iii). No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
(iii)	Maximum Depth of Mining:	1.0 meter as per the approved mining plan
(iv)	Method of Mining:	Manual as per approved mining plan
(v)	Permitted Quantity:	12248 cum/annum in 1st year as per the approved mining Plan
(vi)	Validity Period of EC:	The validity of EC is for 5 years from date of lease execution or for validity of lease period whichever is earlier.
(vii)	ARRS report	The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency and submit the report to SEIAA, Odisha by <b>30<sup>th</sup> April, 2026</b> .

8. The SEIAA, Odisha reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

11. This EC is valid for 5 years from date of lease execution or for the lease period whichever is earlier.

**12. General Instructions:**

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
4. Action plan for implementing EMP and environmental conditions along with a responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in a separate account and not to be diverted for any other purpose. Six monthly progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6. The Regional Office of this MoEF&CC, SPCB and lease granting Authority shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and other authority by furnishing the requisite data/ information/monitoring reports.
7. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. This issue with an approval of the Competent Authority.

**Copy To**

1. Additional Chief Secretary, Forest, Environment & Climate Change Dept., Government of Odisha for information.
2. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
3. The Director of Mines, Steel & Mines Dept, Govt. of Odisha Bhubaneswar for information.
4. The Director of Minor Minerals, Govt. of Odisha Bhubaneswar for information.
5. Additional Principal Conservator of Forests, Integrated Regional Office (IRO), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for information.
6. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi-110032 for information.
7. Chairman/Member/Member Secretary, SEIAA for information.
8. Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
9. Collector & DM, Mayurbhanj, Sub-Collector, Mayurbhanj, Deputy Director of Mines, Mayurbhanj, DFO, Baripada & Kanranjia, RO, SPCB, Balasore, Tahasildar, Kaptipada/Mining Officer, Mayurbhanj for Information and necessary action.

## Specific EC Conditions for (Mining Of Minerals)

## 1. Specific Condition

S. No	EC Conditions
1.1	<ol style="list-style-type: none"> <li>1. Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</li> <li>2. In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.</li> <li>3. The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.</li> <li>4. Plantation programme to be completed within the first two years and to be maintained in remaining years.</li> <li>5. The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.</li> <li>6. The proponent shall provide Bio- toilet for the workers.</li> <li>7. Project Proponent shall not disturb the water course during mining</li> </ol>
1.2	<p><b>1. ENVIRONMENTAL CONDITIONS AND SAFEGUARDS WHICH NEED TO BE COMPLIED WITH BY THE TAHASILDAR/MINING OFFICER BEFORE LEASE AGREEMENT:</b></p> <ol style="list-style-type: none"> <li>1. <b>Boundary Demarcation:</b> - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.</li> <li>2. <b>Digital Map:</b> -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar/Mining officer shall be submitted to SEIAA, Odisha through email at <a href="mailto:seiaaodisha@gmail.com">seiaaodisha@gmail.com</a>.</li> <li>3. <b>Intimation of EC:</b> -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board and web site of the Ministry of Environment, Forest and Climate Change (<a href="http://www.parivesh.nic.in">www.parivesh.nic.in</a>). A copy of the advertisement may be forwarded to the concerned MoEF&amp;CC Regional Office for compliance and record.</li> </ol>

S. No	EC Conditions
	<p>4. <b>State EMF Fund:</b> - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.</p> <p>5. <b>Condition by Collector:</b> - Any other condition(s) the Collector &amp; Chairman, District Environment Impact Assessment Authority (DEIAA), may impose in the interest of protection and safeguarding the local environment.</p> <p>6. <b>Compliance report for Transfer of EC:</b> - Any transfer of EC to a PP/Lessee shall be considered by SEIAA, Odisha only after receipt of the full compliance report through Tahasildar/Mining Officer concerned of the above environmental conditions and safeguards.</p> <p>7. <b>Other conditions/NOC:-</b> Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p>
1.3	<p><b>B. ENVIRONMENTAL CONDITIONS AND SAFEGUARDS WHICH NEED TO BE COMPLIED ON FIELD AFTER THE LEASE AGREEMENT</b></p> <p>1. <b>Maximum permissible depth:</b> This Environmental Clearance is given with the condition that maximum depth of digging of sand shall be <b>1.0 m</b> as per approved mining plan. Any flouting of this restriction shall make this EC liable to cancellation.</p> <p>2. <b>Maximum permissible quantity:</b> Maximum yearly quantity of extraction from the quarry shall not exceed the annual limit as specified above under stipulation in Table 'A stipulations'-sl. A(v) i.e. <b>12248 cum/annum in 1st year</b>. Any flouting of this quantitative restriction shall make this EC liable to cancellation.</p> <p>3. <b>Annual Replenishment Rate Study of Sand:</b> -The Project Proponent shall carry out Annual Rate of Replenishment study of sand by ORSAC empanel agency or NABET Consultant as per prescribed drone method of MoEF &amp; CC, Govt. of India by collecting pre monsoon &amp; post monsoon data from the field to know the quantum of volume of sand deposited/replenished &amp; extracted in the mining lease area. The detailed comparison of both pre-monsoon and post-monsoon elevation data shall be included in the study report. The detailed methodology for finding the rate of replenishment study of sand is laid down in the Enforcement &amp; Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF &amp; CC, Govt. of India. The finding of the study shall be submitted to SEIAA to assess the actual rate of replenishment of mined out sand in the lease area. PP shall carry out Annual Rate of Replenishment Study (ARRS) through ORSAC empanel agency in every year and submit the report to SEIAA, Odisha during submission of EC compliance with attaching real-time geo-coordinating photographs both pre and post monsoon data collection time.</p> <p>4. <b>No change in the mining plan without prior approval of SEIAA:</b> - Any change in the calendar plan, change in production quantity or method of mining shall not be made without prior approval of the SEIAA. Mining activity shall adhere to the working parameters of the approved mining plan prepared for this project. The detailed production of sand from the lease area of each year shall be submitted in tabular form during submission of compliance report.</p> <p>5. <b>Environmental Management Plan:</b> EMP shall be implemented by PP to ensure compliance with the environmental conditions specified above. The year wise funds earmarked for</p>

S. No	EC Conditions
	<p>environmental protection measures shall be kept in a separate account and shall be spent according to the plan proposed in EMP. The PP will implement the EMP with a budgetary allocation of <b>Rs. 1.75/ - Lakh per annum (Recurring Cost) and Rs.0.70 Lakh for Occupational Health and Safety of the workers (Lakhs)</b>. Year wise progress of implementation of EMP shall be reported to the SEIAA, Odisha and OSPCB along with the compliance report. The Tahasildar/Mining Officer shall ensure the compliance of this condition along with all leaseholders of his jurisdiction.</p> <p><b>6. Common Forum for EMP:-</b> All the individual quarry lessee holders coming under the Tahasil may create a common forum in coordination with the Tahasildar/ Mining Officer and contribute funds to it for grading, compaction and maintenance of haulage road, provision of water spray on the village road to control particulate matter (dust particles) pollution in surrounding air during transportation from the quarry, and provision of thick, multilayer and a continuous green belt around the lease area excluding the entry and exit gate for prevention of environmental pollution and noise during mining activity.</p>

**Standard EC Conditions for (Mining of minerals)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
1.2	The project proponent shall obtain Consent to Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
1.3	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
1.4	The validity of EC is for 5 years from date of lease execution or for validity of lease period whichever is earlier.

**2. Air Quality Monitoring And Mitigation Measure**

S. No	EC Conditions
2.1	Transportation of coal, to the extent if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water sprinkling/rain gun/ Fog cannon /mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the coal transport roads, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
2.2	Major approach roads shall be black topped and properly maintained.

S. No	EC Conditions
2.3	The transportation of sand shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the sand through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
2.4	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
2.5	Post environmental closure third party monitoring by reputed instituted in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.

### 3. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
3.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
3.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

### 4. Mining Plan

S. No	EC Conditions
4.1	Mining shall be carried out under strict adherence to provisions of the OMMC Rules 2026, EC conditions, as per approved mining Plan and CTO and subordinate legislations made there-under as applicable.
4.2	<p><b>No Working Zone:</b> - The lessee shall ensure that no sand mining is carried out in the areas as specified below: -</p> <ul style="list-style-type: none"> <li>• During the rainy season;</li> <li>• Within the water channel or stream flow area throughout the year;</li> <li>• Mining shall not be undertaken in a mining lease located in 200-500 meter of bridge, 200 meter upstream and downstream of water supply/irrigation scheme, 100 meter from the edge of National Highway and railway line, 50 meter from a reservoir, canal or building, 25 meter from the edge of State Highway and 10 meter from the edge of other roads except on special</li> </ul>

S. No	EC Conditions
	<p>exemption by the Sub-Divisional level Joint Inspection Committee.</p> <ul style="list-style-type: none"> <li>• The mining or any ancillary activity shall not in any way disturb the flow pattern of the river water during the non-monsoon period.</li> <li>• No stream shall be diverted for the purpose of sand mining and no natural water course shall be obstructed.</li> <li>• Sand mining operations shall not affect the existing sources for irrigation / drinking water / industrial purposes.</li> <li>• The natural sand dunes, if any, near or surrounding the lease area shall not be disturbed.</li> </ul>
4.3	<p><b>Transport Safeguards:</b></p> <ul style="list-style-type: none"> <li>• No transportation of the minerals shall be allowed on any road passing through villages/habitations without prior explicit permission.</li> <li>• Transportation of minerals through existing rural roads can be allowed only by the concerned Govt. Department/ Gram Panchayat/BDO after required strengthening such that the carrying capacity of the road is increased to handle the mineral carrying truck traffic. The project proponent shall bear the cost towards the widening and strengthening of existing public roads in case the same is proposed to be used for the project.</li> <li>• Project proponents shall ensure that the transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and traffic density.</li> <li>• Vehicles hired for transportation of minor minerals from the site should be in good condition and should have pollution check certificates and should conform to applicable air and noise emission standards and should be operated only during non-peak hours. Speed of vehicle be regulated and in no case &gt;30 Kms / hr be allowed.</li> <li>• The vehicles shall not be overloaded and shall be covered with Tarpaulin. The Tahasildar/ Mining Officer may collect an appropriate additional road maintenance levy from the lessee as part of the lease conditions on the basis of quantum of mineral transported, and utilize the proceeds of the levy for proper maintenance of the extraction paths and roads to prevent their degradation on account of plying of mineral carrying trucks.</li> <li>• Water spraying should be made on the village road to control particulate matter (dust particles) pollution in surrounding air during transportation from the quarry. Garland drain shall be constructed on the hill slope to arrest downward flow of particulate matter with rainwater.</li> </ul>
4.4	<p><b>Other Environmental Conditions:</b> -The Project Proponent shall follow all the provisions of Sand Policy of Govt. Of Odisha dated 02.09.2021 for this sand mining project.</p> <ul style="list-style-type: none"> <li>• The Tahasildar/ Mining Officer shall take adequate measures to prevent unauthorized mining;</li> <li>• The project proponent should carry out river bed sand mining manually by engaging local laborers to check over exploitation of sand at the source;</li> <li>• The lessee shall ensure safety of human life and livestock from accidents in case the village / any habitation is very near the mining lease area.</li> <li>• At the end of mine closure, the proponent shall immediately remove all the sheds put up in the</li> </ul>

S. No	EC Conditions
	quarry and all the equipment in the area before closure of the quarry.

### 5. Corporate Environment Responsibility

S. No	EC Conditions
5.1	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
5.2	PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non- compliance or infringement should be reported to the concerned authority

### 6. Miscellaneous

S. No	EC Conditions
6.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
6.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
6.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6.5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6.6	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
6.7	The project proponent shall abide by all the commitments and recommendations made in the EMP report, commitment made during EC application and also that during their presentation to the State Expert Appraisal Committee(SEAC).

S. No	EC Conditions
6.8	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Odisha.
6.9	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6.10	The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
6.11	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
6.12	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
6.13	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
6.14	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.
6.15	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours
6.16	<b>Half-yearly Compliance Report:</b> -It shall be mandatory for the project management to submit half yearly compliance reports on the status of implementation of the above stipulated environment. The project authority is mandatory to upload the compliance report of EC conditions including results of monitored data, as applicable in the website of the Ministry for monitoring of EC Conditions. No hard copy and soft copy required to submit to SEIAA, Odisha, failing which EC is liable to be revoked.
6.17	<b>Concomitant Monitoring:</b> - The conditions stipulated in the environmental clearance will be closely monitored on the ground by the lease granting authority, i.e. the Tahasildar/mining officer, who shall ensure compliance of the stipulated conditions and take corrective measures promptly in case of any non-compliance and also ensure that the project proponent submits half yearly compliance reports
6.18	<b>Independent Monitoring:</b> -The concerned Regional Office of the MoEF & CC/ SPCB, Odisha shall periodically monitor compliance of the stipulated conditions as applicable for this project. The project authorities should extend full cooperation to the MoEF & CC officer(s)/SPCB officer(s) by

S. No	EC Conditions
	furnishing the requisite data / information / monitoring reports
6.19	<b>Revocation of EC:</b> - The SEIAA, Odisha may revoke or suspend the EC, if implementation of any of the above conditions is not satisfactory. The SEIAA, Odisha reserves the right to alter /modify the above conditions or stipulate any further condition in the interest of environment protection
6.20	<b>Change in Ownership of Lease:</b> - This EC shall not be transferred without the permission of SEIAA, Odisha. The Tahasildar/ Mining Officer shall inform the SEIAA of any change in ownership of the mining lease. No mining is allowed without transfer of EC as per provisions of the para 11 of EIA Notification, 2006, as amended from time to time

#### Additional EC Conditions

1. The extraction quantity of sand shall be limited to **12,248 cum/annum** for the 1st year with average depth of **1.0 meter** as per the approved mining plan.
2. The Annual Rate of Replenishment Study (ARRS) is to be conducted through ORSAC empanel agency or NABET Consultant as per the prescribed guidelines of MoEF & CC on Enforcement and Monitoring Guidelines for Sand Mining 2020 and the PP shall submit the report latest by **30th April, 2026**.
3. The EC is valid for 5 years from date of lease execution or for the lease period whichever is less.
4. The PP shall implement the EMP with a budgetary allocation of **Rs. 1.75/ - Lakh per annum (Recurring Cost) and Rs.0.70 Lakh for Occupational Health and Safety of the workers (Lakhs)** as proposed in the EMP report during EC application.
5. The PP shall plant **500 nos. of tree species** like Banyan (Ficus benghalensis), Peepal(Ficus religiosa), Neem (Azadirachta indica), Jamun(Syzygium cumini), Mango(Mangifera indica), Karanj(Pongamia pinnata), Arjun(Terminalia Arjuna), Jackfruit (Artocarpus heterophyllus), Siris (Albizia lebbeck), etc.. as part of tree plantation campaign "**Ek Ped Maa Ke Naam**" and the details of the same shall be uploaded in the MeriLiFE Portal (<https://merilife.nic.in>).The PP shall submit the status of plantation during every six-months (06) compliance of EC conditions with geo-coordinating photographs.
6. The compliance of EC conditions of said quarry shall be monitored by DEIAA, concerned lease granting Authority either Mining Officer or Tahasildar, RO, SPCB, Odisha and Integrated Regional Office of MoEFCC, Bhubaneswar as per MoEF & CC, Govt. of India S.O. 141(E) in EIA Notification dated 15.01.2016.
7. The project proponent shall ensure that the biological clock of the villagers is not disturbed. The floodlights should be oriented away from the villagers and the noise levels should be kept within the prescribed limit for day light/night hours.
8. No natural water course shall be obstructed or diverted for the purpose of sand mining
9. The PP is required to upload/submit the six (06) monthly compliance on the environmental condition stipulated in the EC letter in a timely manner on or before 1st June and 1st December of each calendar year in Parivesh Portal 2.0 only failing which the EC is liable to be revoked.

**1. Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

- (i) This is a proposal for amendment of EC of Sanbisol Sand Bed over an area 12.35 Acre or 4.99 Hectare in village Sanbisol under Kaptipada Tahasil of Mayurbhanj District, Odisha.
- (ii) The mining area is a part of Survey of India Toposheet No. 73 K/10 and the lease area bounded by Latitude: 21° 32' 4.12" N to 21° 32' 22.14" N and Longitude 86° 32' 32.24" E to 86° 32' 39.25" bearing Khata no.468 and Plot no.1790/1, Kissam-Nadi.
- (iii) The mining lease is an identified sairat source in the DSR. The Sanbisol Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Kaptipada to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (v) Whether submitted KML file of the lease area-Yes
- (vi) Whether submitted scrutiny fee-Not submitted
- (vii) Distance from nearest sanctuary/ESZ- Kuldiha WLS-6.8 Km
- (viii) Whether the lease area coming in DLC report-No, N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Manual
- (xi) River- Sono, Depth of sand deposition-1.0 m
- (xii) Distance from nearest road bridge-2.25 km, village road-0.30km
- (xiii) Whether it is part of cluster –No
- (xiv) Whether EC obtained earlier-Yes from DEIAA, Mayurbhanj.
- (xv) Date of approval of mining plan- the Deputy Director of Mines, Baripada vide letter no.3692 dated 26.12.2022.
- (xvi) As per approved mining plan the Geological reserve of the quarry is 25247 cum, Mineable reserve is 20414 cum, annual production will be 12248/annum with depth of mining 0.6 meter and total production in 5 years is 61240 cum.
- (xvii) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- **No**
- (xviii) Budget for EMP- Rs. 1.75/ - Lakh per annum (Recurring Cost) and Rs.0.70 Lakh for Occupational Health and Safety of the workers (Lakhs)
- (xix) Any deficiencies/omission have been noticed in the above documents- Nil

2. **Whether SEAC recommended the proposal – Yes**, the proposal was placed in the SEAC meeting held on 05.10.2024 and the SEAC observed the following:

- i) The mine has operated under the EC grant order issued vide letter No. SEIAA /1618 dated 21st June 2016 as per the half yearly compliance report for the period October 2022 to March 2023 submitted by Tehsildar, Kaptipada. The document was downloaded from the PARIVESH website.
- ii) As per the above-mentioned EC grant order the mining plan was approved on 04.11.2015 and the EC grant order is valid during the period mentioned in the approved mining plan.
- iii) The approved mining plan, downloaded from the PARIVESH site, has been approved on 26th December 2022 for a Page 36 of 222 period of five years. The approved mining plan is prepared based on letter No.2722 dated 31.12.2021 from the Office of the Tehsildar, Kaptipada. The document only mentions RL of the riverbed sand surface and there is no mention of RL of the surface of river water and the riverbanks.

- iv) No information is available regarding the operational status of the ML as well as the status of the EC grant order and approved mining plan during the period 03rd November 2020 and 30th December 2021.

However, **EC shall be granted after submission** of following: 1) The EC compliance report submitted by the Tahsildar has not mention of the submission of the replenishment study report.

3. The proposal was placed in 181<sup>st</sup> SEIAA, Odisha meeting held on 16.12.2024 and after detailed deliberation, the authority decided that in view of the NGT order dated 08.08.2024 in NGT OA No. 125/2024 /EZ, the final order of Hon'ble NGT, Eastern Zone is to be submitted by PP for further processing of EC and accordingly ADS raised by SEIAA to PP for compliance.
4. The PP has submitted the final order of Hon'ble NGT, Eastern Zone in OA No. 125/2024/EZ. The Hon'ble Tribunal in its order dated 10.01.2025 has mentioned that "In this view of the matter, we dispose of this Original Application with a direction to the Respondents to ensure that no sand mining shall be carried out in District-Mayurbhanj in the absence of a District Survey Report ('DSR' for short) for District-Mayurbhanj unless the same has been duly considered by State Level Expert Appraisal Committee ('SEAC' for short) and duly approved by State Environment Impact Assessment Authority ('SEIAA' for short), Odisha.
5. The proposal was places in 189<sup>th</sup> SEIAA, Odisha meeting held on 07.02.2025 and The Authority observed that the DSR of Mayurbhanj District has been submitted online for approval of SEAC & SEIAA and is under process. After detailed deliberations, the authority approved the grant of EC subject to approval of DSR and inclusion of the mining source in the DSR by the competent authority of the district before start of any sand mining in compliance to the Order dated 10.01.2025 of Hon'ble NGT, EZ in OA No. 125/2024/EZ. Further, the PP shall submit the Scrutiny Fees as applicable for the project. Accordingly, the EDS raised by SEIAA to the project proponent (PP).
6. The PP has complied the ADS dated 21.04.2025 with attaching the scrutiny fee of Rs. 2,000/- vide e Challan Reference Id No. 3A4E45ED5F dated 21.04.2025 along with submitting the approved DSR of sand of Mayurbhanj District was approved by SEIAA vide EC Identification No. EC25C0107OR5782226N dated 18.04.2025.