

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL  
COMMITTEE, ODISHA HELD ON 12.06.2017**

---

The SEAC met on 12.06.2017 at 03:00 PM in the Conference Hall of Odisha State Pollution Control Board, Bhubaneswar under the Chairmanship of Dr. Bijay Ketan Patnaik. The following members were present in the meeting.

- |                      |   |          |
|----------------------|---|----------|
| 1. Dr. B. K. Patnaik | - | Chairman |
| 2. Sri B. P. Singh   | - | Member   |
| 3. Sri B. C. Prusty  | - | Member   |
| 4. Dr. D. K. Rout    | - | Member   |
| 5. Dr. S. C. Nayak   | - | Member   |
| 6. Sri A. C. Mohanty | - | Member   |
| 7. Dr. D. Swain      | - | Member   |
| 8. Dr. R.C. Mohanty  | - | Member   |

**A. CONSIDERATION OF MINOR MINERAL PROPOSALS:**

The committee verified 20 nos. of minor mineral proposals forwarded by the SEIAA, Odisha on the basis of amended EIA notification dated 15.01.2016. The case-wise proceedings and observations of the committee are detailed in **Table** as per **Annexure – I**. The proposals of following categories are:

Sl. No.	Type of proposals	No. of proposal	Decisions of the committee
1.	River Sand (13)	07	The committee considered the proposals as B2 category and recommended for Environmental Clearance.
		06	Clarification sought by the committee.
2.	Stone and other (07)	04	The committee considered the proposals as B2 category and recommended for Environmental Clearance.
		03	Clarification sought by the committee

**B. CONSIDERATION OF OLD PROPOSALS (COMPLIANCE RECEIVED)**

**1. PROPOSAL FOR EC FOR SAGAR DECORATIVE STONE MINE (49.40 ACRES OR 18.991 HA) AT VILLAGE SAGAR, TAHASIL - NARASINGHPUR, DISTRICT - CUTTACK OF M/S. NEELACHAL GRANITES PVT. LTD.**

Sagar Decorative Stone mine of Area 49.40 acres or 19.991 hectares. in village Sagar No.138 under Narasinghpur Tahsil of Cuttack District, Odisha has been allotted to M/s Neelachal Granites Pvt. Ltd. (N3/183, IRC Village, Nayapalli, (In front of Ekamra Kanan Park, Bhubaneswar-751015, Odisha) through long term quarry lease basis for quarrying of

**Secretary, SEAC**

Decorative Stone (minor mineral). The Department of Steel & Mines, Govt. of Odisha has proposed to granted the mine lease for 20 years and issued the Terms & Condition Letter vide Letter No. 1258/SM, Bhubaneswar, Dt. 10.02.2016 in accordance with the provision of the Minor Mineral Concession Rules (amendment), 2014.

Sagar decorative Stone Quarry area forms a part of Survey of India Toposheet No. 73H/03. The quarry area is bounded by the latitude N 20°28'13.60" to 20°28'28.30" and longitude E 85°07'42.90" to E 85°08'07.10". The quarry area is accessible from district head quarter Cuttack & nearest town Narasinghpur is about 5.5 Kms from the project area. Nearest state highway NH-65 is 3 KMS from the Lease area. Nearest road is Angul district road which is about 1 kms from the lease area. The maximum altitude of the isolated hillock is 180.50 m at the top of the hillock and the lowest altitude is 110 at the south-western corner of the applied area. The area devoid of any kind of forest, it comprises of waste land with sporadic busy and scanty vegetation. The highest and lowest altitude within the applied area is 180.50 mRL and 110.00 mRL respectively. Mining is proposed up to 111 mRL. No other mine lease exists within 500 meters of the project area.

Mining is proposed to be carried out by Opencast semi mechanized method with deployment of machines like Excavator, Line Offset, compressor, jack-hammer, wire ropes and drill rod etc. The height of the benches will be 3mtr and width will be 6mtr and overall slope angle will be 45°. The maximum annual extraction of the material will be **44480.00 m<sup>3</sup>** out which **55615.20 m<sup>3</sup> will be Marketable Decorative Stone & 129768.80 m<sup>3</sup> will be the quantity of waste generated annually.** During the proposed plan period a total of 129768.00 cum of waste will generate due to course of mining. However about 40% of the generated waste will be utilized for maintenance and construction of the haul road, approach and existing roads in the surrounding areas periodically. Therefore a total of i.e. 51908.00 cum of waste will be utilized for construction and maintenance of roads and remaining 77861.00 cum of waste will be dumped in the proposed temporary waste dump in the earmarked site over 11192 m<sup>2</sup> area with an average height of 8 m in a single terrace.

Total number of employee will be around 45 which includes skilled, semi-skilled & un-skilled category in the mine. Total 6.5 KLD water will be used for the project related activities. The water is will be supplied through tankers from nearby area. About 2.0 KLD water is required for domestic purpose, 1.5 KLD for plantation purpose & 3 KLD for Dust Suppression. ₹ 2.4 Lakhs of capital budget & ₹ 1.6 Lakhs of annual recurring budget is proposed for undertaking CSR activities. ₹ 5.0 Lakhs has been kept as a separate fund for implementation of Environment management plan. About 6.6 Ha of the area is allotted for 14520 (nos.) of plants @ 726 plants/year for 20 years. Species from medicinal plants, fruits and shadows are selected as State Pollution Control Board/ Regional Forest Department.

The Consultant, **M/s ENVIRTA Sustainable Solutions India Pvt. Ltd. 167/10-B, Vasundhara, Ghaziabad, Uttar Pradesh** made a detailed presentation on 10.03.2017 on behalf of the proponent. The SEAC decided to take decision on the proposal after receipt of certain information / documents from the proponent. The proponent submitted the information/documents and the SEAC verified the same as follows:

**Secretary, SEAC**

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of the SEAC
1.	Certificate from the concerned DFO that there is no DLC land involved in lease area.	<p>The DFO, Athagarh vide letter dated 27.07.2015 intimated to the mining officer that:</p> <p>a) The proposed area over 49.40 acres or 19.951 ha. bearing plot no. 2827, khata no. 932, kizam – pahada (abad ajogya anabadi), village – Sagar under Narsinghpur Tahasil of Cuttack district applied for mining lease in favour of the above application in question for extraction of decorating stone should must be verified with regard to the status of land (Sabik-hal) classified as forest as on 25.10.1980. A certificate to this effect should be submitted duly signed by the Tahasildar concerned as per the letter dt. 12.02.2015 of the Chief Secretary, Odisha, Bhubaneswar.</p> <p>b) The said area applied for has not been jointly demarcated / identified both revenue / forest and mining officials.</p> <p>c) A map showing the exact location of area of the proposed mining lease with reference to the village sheet duly signed by the Tahasildar and applicant should be submitted.</p> <p>d) The applied area in question whether is coming under the DLC list of Cuttack district or not should be verified.</p> <p>e) The proposed area is coming within 8.5 kms distance from the proposed extended Tiger Reserve and proposed Tiger Corridor.</p>	The proponent has to submit the certificate from the concerned DFO that there is no DLC land involved in lease area
2.	Detailed CSR activity	Detailed CSR activity furnished	Complied
3.	Capital cost to be re-estimated taking into account CSR activity and EMP	Revised capital cost has been furnished	Complied

The SEAC in its meeting held on 24.04.2017 decided to consider the proposal after receipt of the certificate from the concerned DFO that there is no DLC land involved in lease area. The proponent has furnished the DFO certificate, which reveals that there is no DLC land involved in the lease area.

Considering the information furnished and presentation made by the **consultant M/s ENVIRTA Sustainable Solutions India Pvt. Ltd. 167/10-B, Vasundhara, Ghaziabad, Uttar Pradesh** on behalf of the project proponent, the SEAC recommended to grant Environmental Clearance

**Secretary, SEAC**

valid from the date of Environmental Clearance accorded upto the lease period with following conditions in addition to the conditions applicable for decorative stone mines in general.

- i. Manual loading of granite block should be avoided to prevent accident. Mechanical loading of granite block should be done.
- ii. The proponent shall obtain safety clearance from DGMS before going for mining activity.

**2. PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR BHAGABANPUR DECORATIVE STONE MINES OF M/S. ILIYAS GRANITES OVER AN AREA 24.225 HA AT VILLAGE BHAGABANPUR, TAHASIL KUKUDAKHANDI, DIST-GANJAM.**

Bhagabanpur Decorative Stone deposit of Area 24.225 Ha in village Bhagabanpur, Tehsil Kukudakhandi, District Ganjam has been allotted to M/s. Iliyas Granites, the lessee through long term quarry lease basis for quarrying of Decorative Stone (minor mineral) by Directorate of Mines, Govt. of Odisha vide terms & conditions letter No 900 dated 01.02.2016

Initially, Prospecting License over an area of 68.83 acres or 27.045 hectares including the granted M.L area over 59.86 acres or 24.225 hectares was granted for the period of two years in favor of the lessee. Accordingly, the prospecting operations in form of two trial pits & one trench were conducted over the area and geological as well as minerable reserve was submitted to the concerned authority for the purpose of processing the mining lease application in favor of the lease. The current allotment is in the name of M/s. Iliyas Granites through long term quarry lease basis, for the duration of twenty years.

Mining is proposed to be carried out by opencast semi mechanized method with deployment of machines like Excavator, Line Offset, compressor, jack-hammer, wire ropes and drill rod etc. The height of the benches will be 3mtr and width will be 6mtr and overall slope angle will be 45°.

About 25,900 cum per annum of production will be generated during the planned period and about 9,065 cum per annum of waste will be generated. The generated waste will be disposed from quarry faces to dump yard. The said Quarry area does not have any workshop within the lease area. Thus, no trade effluent is generated from the quarry site. However, during rainy season surface runoff containing suspended solids and silts flows out. Total number of employee will be around 32 which includes skilled, semi-skilled & un-skilled category in the mine. Water is used only for drinking, portable use, dust suppression and plantation. Total 4.8 KLD water is used per day for the above activities.

There is no such Ecologically Sensitive area as per Hon'ble Supreme Court Civil writ petition No.460 of 2004. There is no national park/wild life sanctuary/biosphere reserve/ tiger reserve/ elephant reserve in the lease area and buffer zone (10 km radius of the quarry area). There is no seasonal or perennial nala in the quarry area. There is no endangered fauna like elephant, sloth bear, python etc in & around the Quarry area.

The applied area is a part of the revenue village Bhagabanpur covers 59.86 acres or 24.225 hectares under Bhagabanpur Tahasil of Ganjam District, Odisha. The applied lease area is about 1.5 Km from Bhagabanpur village. The lease area can be approachable from Mahuri-Kalua road which is about 68 m from the applied area. The applied area is 5.5 km from Brahmapur Town. The applied ML area is about 156 km from the state capital.

**Secretary, SEAC**

For arresting dust and creation of green belts around the lease area plantation will be carried out during proposed Plan period. Besides these, road side plantation will be done with adequate number of saplings to avoid erosion and air pollution. They have proposed to develop a green belt in and along the periphery of the quarry lease area of during the plan period.

The **Consultant M/s. ENVIRTA Sustainable Solutions India Pvt. Ltd, 167/10-B, Vasundhara, Ghaziabad (U.P.)** made a detailed presentation on 19.04.2017 on behalf of the project proponent. The SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent:

1. Certificate from the concerned Mining Officer indicating name, lease area and operational status of other mines located within 500 meter from the lease area.
2. Certificate from concerned DFO that there is no DLC land involved in lease area.
3. Baseline data of the study area on air, water and noise for a minimum period of one month is to be included in EMP and modified EMP to be submitted as per cluster approach.
4. CSR activities and other activities where joint consensus is required to be done by all the mines owners in cluster and legally tenable agreement between them to this effect is to be submitted.
5. Manual loading of granite block should be avoided to prevent accident. Mechanical loading of granite block should be explored. An undertaking to this effect shall be submitted.
6. The proponent shall obtain safety clearance from DGMS before going for mining activity. A copy of application submitted to DGMS for safety clearance is to be submitted.
7. Detailed proposal for waste generation and its utilization is to be submitted.

The proponent has intimated that the Mining Officer and DFO are requesting a letter from SEAC, Odisha to issue necessary certificates and requested to issue a letter to the concerned Mining Officer and DFO in this regard. The SEAC decided to communicate the decision of the SEAC to the concerned Mining Officer and DFO to issue necessary certificates.

**DR. B. K PATNAIK**  
**CHAIRMAN**

**SRI B. P. SINGH**  
**MEMBER , SEAC**

**DR. S. C NAYAK**  
**MEMBER, SEAC**

**DR. D. SWAIN**  
**MEMBER, SEAC**

**DR. D. K. ROUT**  
**MEMBER, SEAC**

**SRI A. C MOHANTY**  
**MEMBER, SEAC**

**SRI B. C. PRUSTY**  
**MEMBER, SEAC**

**DR. R.C. MOHANTY**  
**MEMBER, SEAC**

**APPROVED**

**CHAIRMAN, SEAC**

**Secretary, SEAC**