

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ODISHA HELD ON 17TH NOVEMBER, 2020**

The SEAC met on 17th November, 2020 at 03:00 PM in the Conference Hall of Odisha State Pollution Control Board, Bhubaneswar under the Chairmanship of Sri B.P. Singh. The following members were present in the meeting.

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| 1. Sri. B. P. Singh | - | Chairman |
| 2. Dr. D. Swain | - | Member |
| 3. Prof. (Dr.) P.K. Mohanty | - | Member |
| 4. Sri. J. K. Mahapatra | - | Member |
| 5. Prof. (Dr.) B.K. Satpathy | - | Member |
| 6. Er. K.R. Acharya | - | Member |
| 7. Dr. K.C.S Panigrahi | - | Member |



CONSIDERATION OF MINOR MINERAL PROPOSALS:

(I) CONSIDERATION OF OLD MINOR MINERAL PROPOSALS (COMPLIANCE RECEIVED):

The committee verified 68 nos. of old minor mineral proposals on the basis of MoEF&CC, Govt. of India OM no. F. No. L-I 1011/175/2018-IA-II (M), dated 12.12.2018. The case-wise proceedings and observations of the committee are detailed in Table as per **Annexure – A**. The proposals of following categories are:

Total no. of proposals	Type of proposals	No. of proposal	Decisions of the committee
68	Stone Quarries and other (32)	03	Clarification to be sought from the concerned Tahasildar.
		29	The committee considered the proposals as B2 category and recommended for Environmental Clearance.
	River Sand (36)	35	The committee considered the proposals as B2 category and recommended for Environmental Clearance.
		01	Clarification to be sought from the concerned Tahasildar.

(II) CONSIDERATION OF TERMS OF REFERENCE FOR EIA STUDY FOR MINOR MINERAL PROPOSALS OF LEASE AREA 25 HA. OR LESS (INCLUDING THE CLUSTER APPROACH)

The committee observed that presently minor mineral mining projects of lease area > 5 ha. require EIA study including public hearing for grant of Environmental Clearance as per the MoEF&CC, Govt. of India OM no. F. No. L-I 1011/175/2018-IA-II (M), dated 12.12.2018. The MoEF&CC, Govt. of India also stipulated time period of 30 days for issue of Terms of Reference including specific Terms of Reference for EIA study. Since, the number of cases of minor mineral of lease area > 5 ha. are large, it is not possible to issue ToRs including specific ToRs for EIA study for such projects within the stipulated time period after doing presentation of such cases. Further, the presentation

of such cases of similar type do not add any additional appraisal or environmental concerns.

After detailed discussion, the SEAC decided that the appraisal for issue of ToRs for the minor mineral proposals of lease area 25 ha. or less (including cluster approach) may be considered with following specific ToRs as well as standard ToRs based on merit of the proposal without presentation.

Specific ToRs for Sand Mining:

1. Whether it is an existing mine? If yes, submit the copy of Environmental Clearance and compliance to EC conditions from the Regional Office, SPCB. The year which last operated.
2. Area of the safety zone with dimensions and geo-co-ordinates w.r.t lease boundary.
3. Any approach road existing or will be constructed inside the safety zone?
4. Mitigation measures to be taken to ensure not to disturb free flow of river.
5. Distance of the river bank / embankment from the lease boundary. It is a river bank or embankment?
6. Any ramp existing or will be constructed on the river bank / embankment for movement of vehicles to reach the nearest road.
7. Distance of the village road / city road / district road / public road for the river bank / embankment. Is this road single road / double road ?
8. No. of village (s) and name of village (s) or the city (s) or urban place (s) or semi urban place (s) through which the sand carrying vehicles will ply and the distance of it from the river bank or embankment.
9. Whether schools / colleges / hospitals / health centers / bus stops / religious places existing nearby and if so, the distances of it from the bank or the road through which the vehicle will ply or existing alongside the road?
10. Any plantation done in the safety zone or embankment in case of an existing mines and if so, the area of plantation, number of species.? If not, the plan for it to arrest bank erosion.
11. Any stone packing in the river bank / embankment existing in case of existing mines and if not, the plan for it.
12. Whether, any alternative mine exists or explored or can be explored if this mine is otherwise found unsuitable? Please furnish details.
13. (i) Whether permission taken or will be taken from Water Resource Authority or the concerned Authority of the roads to be used for plying of vehicles loaded with sand or empty vehicles for the same after the river bank.
(ii) Responsibility of perennial perpetual maintenance of these roads and the mechanism for the same.

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14. No and type of vehicles to be used daily and the frequency for the purpose of transportation and the time and duration of such transportation. Whether permission taken or will be taken for the appropriate authority for the purpose.
 15. Intersection point of the haulage roads with the main SH / NH / public road and the traffic density study at appropriate locations by domain expert with remedial measures for decongestion and road safety.
 16. (i) Any bridge (road / rail) existing and the distance of it from the lease boundary.
(ii) Any culvert or small bridge will be used by the plying vehicles carrying the sand minerals.
 17. Any High Transmission Electric line existing and if yes, the distance of the same from the boundary of the lease.


Specific ToRs for Stone Quarry, Morrur Quarry, Brick Earth Etc


1. (i) Waste / Dump Management: Generation, use for construction and maintenance of haulage road and maximum inventory at any point of time including dump area, height and slope etc.
(ii) Detail engineering estimate of use of waste in construction and maintenance of the haulage road.
2. Distance of the nearest habitation / village (s) etc. from the lease boundary duly certified by the concerned Tahasildar.
3. Will the village road be used for transportation of the mineral? If not and haulage road will be used, the width and distance of it till it intersects with SH / NH / District Road any public road and the later distance from the village road.
4. In case village / any habitation is very nearby, plan to ensure safety of human life and livestock from accidents by submitted.
5. Number and type of vehicles to be engaged per day and their frequency of plying.
6. (i) Zero Liquid Discharge (ZLD) Management w.r.t garland drain details, settling tank details during monsoon. If ZLD is not possible, the SOP with details of discharge of water beyond lease boundary be submitted.
(ii) Whether the waste / contaminated water will be discharged to barren land / agricultural land / nala / river? Mechanism to ensure discharge of contamination free water and the periodic test / analysis thereof before discharge.
7. Any High Transmission electric line passing nearby and if yes, the distance of the same from the leaser boundary.
8. Undertaking by project proponent for not disturbing the general flow of seasonal nala during mining activity.
9. Any water reservoir / dam / bridge / barrage exist nearby and if yes, the distance of the same with geo co-ordinates.
10. License for use and storage of explosive used in the mining from the appropriate Authority to be submitted.

11. Certificate from the concerned DFO that there is no DLC land involved in lease area. Distance of the mines from the boundary of the Notified Eco-Sensitive Zone / Wildlife Sanctuary if any.
12. Details of drainage plan proposed.
13. Details of silt management be submitted.
14. Present use of land.
15. NOC of Panchayat for usage of haulage road/Panchayat road


Specific ToRs in case of Brick Earth mining on agriculture land in addition to above points:

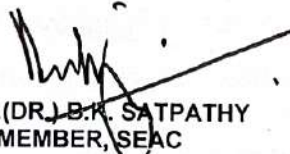
- a) Upland / medium land / low land
- b) Rain fed / irrigated
- c) Cropping pattern involved
- d) Distance of site from nearest Thermal Power Plant



17.11.2020
SRI B.P. SINGH
CHAIRMAN, SEAC

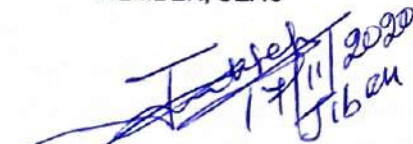

DR. D. SWAIN
MEMBER, SEAC


ER. K.R. ACHARYA
MEMBER, SEAC


17.11.2020
DR. K.C.S PANIGRAHI
MEMBER, SEAC


PROF.(DR.) B.K. SATPATHY
MEMBER, SEAC


PROF.(DR.) P.K. MOHANTY
MEMBER, SEAC


17/11/2020
SRI. J. K. MOHAPATRA
MEMBER, SEAC

APPROVED


17.11.2020
CHAIRMAN, SEAC