



सत्यमेव जयते

File No.: 469591/178-MIN/04-2024
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA),
ODISHA)



Dated 17/01/2025



To,

Sri Benudhar Patra
At-Plot no-837, Daraji sahi, old town, Bhubaneswar, Dist-Khordha , ODISHA, 751002
benudharpatra2022@gmail.com

Subject: Amendment in Environmental Clearance (EC) letter no.2919/SEIAA dated 28.09.2021 granted to the project of Bachhasailo Devi River Sand Quarry under the provision of the EIA Notification 2006 - regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA, Odisha vide proposal number SIA/OR/MIN/469591/2024 dated 17/04/2024 for grant of an amendment in prior Environmental Clearance (EC) to the project of Bachhasailo Devi River Sand Quarry is located in village Bachhasailo over an area of 12.10 Ac/ 4.896 ha. under Niali Tahasil in Cuttack District of Odisha to Sri Benudhar Patra, the successful bidder 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.	EC24C0107OR5286482A
(ii) File No.	469591/178-MIN/04-2024
(iii) Clearance Type	Amendment in EC
(iv) Category	B2
(v) Schedule No./ Project Activity	1(a) Mining of minerals
(vii) Name of Project	Proposal for amendment of EC for Bachhasailo Devi River Sand Quarry is located in village Bachhasailo over an area of 12.10 Ac/ 4.896 ha. under Niali Tahasil in Cuttack District of Odisha.
(viii) Location of Project (District, State)	CUTTACK, ODISHA
(ix) Issuing Authority	SEIAA, Odisha
(x) EC Date	17/04/2024
(xii) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	Operating condition

3. In view of the particulars given in the Para-1 above, the project proposal interalia including Form-4 (Part A, B & C)

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 thereto.

4. The above-mentioned proposal has been considered by SEAC in its meeting held on 19.11.2024. 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 or through the following web link [click here](#).

5. The brief about the reasons for an amendment requested along with the brief on the salient features of the project as submitted by the project proponent in Form- 4 (Part A, B & C) and as presented before SEAC and the details of the amendment of EC are annexed as Annexure- 2.

6. The proposal was placed in the SEAC meeting held on 19.11.2024 under the provisions of EIA Notification 2006 and its subsequent amendments and after detailed deliberations in the matter and the SEAC recommend the proposal for Sand mining may be allowed for 43,840 cum as per replenished quantity subject to approval of revised Mining plan.

7. The SEIAA, Odisha has examined the proposal in 182nd meeting held on 18.12.2024 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 amendment in Environment Clearance letter no. 2488/SEIAA dated 04.09.2021 for the instant proposal Idudi Sand Bed-I (River- Bansadhara) to Sri Poreddi Raja Rao is allowed for extraction quantity of sand 43840 cum per annum for the balance lease period with depth of mining 1.28 meter as per ARRS report under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of EC conditions, general instructions issued vide EC letter dated 04/09/2021 and following additional specific conditions as mentioned in Annexure-1. The other stipulated terms and conditions of the original EC letter initially granted remains same.

• Stipulations

Sl.	Descriptions	Stipulation
(i)	Lease Area:	12.10 Acres or 4.896 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:	0.6 meter as per the ARRS report
(iv)	Method of Mining:	Manual method of mining as per approved mining plan
(v)	Permitted Quantity:	13475 cum/annum for remaining period of lease
(vi)	Validity Period of EC:	The EC is valid for 5 years or for the balance lease period subject to the quantity prescribed in the modified DSR or revised Mining Plan whichever is less.
(vii)	ARRS report	The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent years and submit the report to SEIAA, Odisha.

8. **No Working Zone:** - The lessee shall ensure that no sand mining is carried out in the areas as specified below:

- During the rainy season;
- Within the water channel or stream flow area throughout the year; 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 exemption by the Sub-Divisional level Joint Inspection Committee.
- The mining or any ancillary activity shall not in any way disturb the flow pattern of the river water during the non-monsoon period.
- No stream shall be diverted for the purpose of sand mining and no natural water course shall be obstructed.

- Sand mining operations shall not affect the existing sources for irrigation / drinking water / industrial purposes.
- The natural sand dunes, if any, near or surrounding the lease area shall not be disturbed.

10. Transport Safeguards:

- No transportation of the minerals shall be allowed on any road passing through villages/habitations without prior explicit permission.
- 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.
- 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.
- 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 >30 Kms / hr be allowed.
- 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.
- 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.

11. Other Environmental Conditions: -The Project Proponent shall follow all the provisions of Sand Policy of Govt. Of Odisha dated 02.09.2021 for this sand mining project.

- The Tahasildar/ Mining Officer shall take adequate measures to prevent unauthorized mining;
- The project proponent should carry out river bed sand mining manually by engaging local laborers to check over exploitation of sand at the source;
- 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.
- At the end of mine closure, the proponent shall immediately remove all the sheds put up in the quarry and all the equipment in the area before closure of the quarry.

12. This issues with the approval of the Competent Authority.

Copy To

1. Principal 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. Additional Principal Conservator of Forests, Integrated Regional Office (IRO), Ministry of Environment & Forests, A-31, Chandrasekharapur, Bhubaneswar for information.
5. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi-110032 for information.

6. Chairman/Member/Member Secretary, SEIAA for information.
7. Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
8. Collector & DM, Cuttack, Sub-Collector, Cuttack, Deputy Director of Mines, Cuttack, DFO, Cuttack, RO, SPCB, Cuttack, Tahasildar, Niali /Mining Officer, Cuttack for Information and necessary action.
9. Guard file for record/Website/Parivesh Portal

Annexure 1

Additional EC Conditions

1. The replenished quantity of sand **13475 cum/annum** with depth of mining **0.6 meter** as per ARRS report is approved for the remaining lease period.
2. The EC is valid for the balance lease period subject to the quantity prescribed in the modified DSR or revised Mining Plan whichever is less.
3. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent years and submit the report to SEIAA, Odisha.
4. The PP shall implement the EMP as proposed in the EMP report during EC application.
5. The PP shall plant **100 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*), Jack fruit (*Artocarpus heterophyllus*), Siris (*Albizia lebbek*), 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 uploaded/submitted six monthly EC compliance in the Parivesh Portal of MoEF & CC., Govt. of India only falling which the EC is liable to revoked.

1. Proposal in brief:

The highlights of the proposal as ascertained from the application submitted by the PP and observations of SEAC are given as under.

- (i) This is a proposal for amendment of EC of Bachhasailo Devi River Sand Quarry is located in village Bachhasailo over an area of 12.10 Ac/ 4.896 ha. under Niali Tahasil in Cuttack District of Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. /EC Identification No. – 2919/SEIAA dt. 28.09.2021 for Bachhasailo Devi River Sand Quarry is located in village Bachhasailo over an area of 12.10 Ac/ 4.896 ha. under Niali Tahasil in Cuttack District of Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand bed is 52131 cum with depth of sand deposition was 1.5 meter and proposed for annual extraction-17375 cum.
- (iv) The SEIAA allowed 9500 cum of sand for 1st year production with depth of mining 1.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that “Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e., after 15th December 2022, if satisfactory replenishment study report is not submitted.”
- (vi) Amendment of EC was issued on dated 19.07.2023 with allowing production quantity of sand 2375 cum (i.e. 25% of the 1st year approved quantity 9500 cum) for 2nd year.
- (vii) The PP has mentioned 9500 cum of sand has been extracted from the source in 1st year lease period.
- (viii) The PP has submitted replenishment study report was done by the Areal Constructions & Geo-India Services (*ORSAC empanelled agency*) with mentioned that Pre-Monsoon Standard Elevation = 11.59082616 m and Post-Monsoon Standard Elevation = 12.19358003 m and quantity of sand replenished is **22459 cum** with depth 0.6 m and proposed production 13475 cum.
- (ix) 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 19th & 20th November, 2024 and the SEAC decided to recommend the proposal as per the Replenishment Study Report with 13475.44 cum of sand subject to modification of Mining Plan.