



सत्यमेव जयते

File No.: 501587/351-MIN/10-2024
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA),
ODISHA)



Dated 27/12/2024



To,

SMT. PRIYADARSINI ROUTRAY
W/o-Manas Ranjan Sahoo, Plot No-58, Lane-4, Ashok Nagar, Bhubaneswar, KHORDHA, ODISHA,
751009
lankabali.ec@gmail.com

Subject: Amendment in Environmental Clearance (EC) letter no.2605/SEIAA dated 04.09.2021 granted to the project of Gamharia Baitarani River Sand Bed 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/501587/2024 dated 22/10/2024 for grant of an amendment in prior Environmental Clearance (EC) to the project of Gamharia Baitarani River Sand Bed over an area of 12.00 acres or 4.868 Hectares at village Gamharia under Vyasaganar Tahasil of Jajpur District, Odisha in respect to the proposed production quantity of sand as per the Annual Rate of Replenishment Study (ARRS) report 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.	EC24C0107OR5635696A
(ii) File No.	501587/351-MIN/10-2024
(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 ENVIRONMENT CLEARANCE OF GAMHARIA BAITARANI RIVER SAND BED OVER AN AREA OF 12.00 ACRES OR 4.868 HECTARES AT VILLAGE GAMHARIA UNDER VYASANAGAR TAHASIL OF JAJPUR DISTRICT
(viii) Location of Project (District, State)	JAJAPUR, ODISHA
(ix) Issuing Authority	SEIAA, Odisha
(x) EC Date	22/10/2024

(xii) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	under 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.

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 decided to recommend the proposal as per the Replenishment Study Report with 6824 cum of sand subject to modification of 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. 2605/SEIAA dated 04.09.2021 for the instant proposal of Gamharia Baitarani River Sand Quarry to Smt. Priyadarsini Routray is **allowed** for extraction quantity of sand **6820 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:	12.00 Acres or 4.868 Ha.
(ii) No Mining Zone:	(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). 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:	of 1.0 meter as per the ARRS report
(iv) Method of Mining:	Manual method
(v) Permitted Quantity:	6820 cum per annum for the balance lease period
(vi) Validity Period of EC:	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
(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. 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, Chandrasekharpur, 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, Jajpur, Sub-Collector, Jajpur, Deputy Director of Mines, Jajpur, DFO, Jajpur, RO, SPCB, Jajpur, Tahasildar, Vyasaganar /Mining Officer, Jajpur for Information and necessary action.
9. Guard file for record/Website/Parivesh Portal

Annexure 1

Additional EC Conditions

1. The replenished quantity of sand **6820 cum/annum** as per ARRS report is approved for the remaining lease period with depth of mining 1.0 meter.
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 **some** 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 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 Gamharia Baitarani River Sand Quarry Over An Area Of 12.00 Acres Or 4.868 Ha. At Village Gamharia Under Vyasaganar Tahasil Of Jajpur District.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2605/SEIAA dated 04.09.2021 in favour of Tahasildar, Vyasaganar and later EC transfer vide letter no.3705/SEIAA dated 27.12.2021 in favour of Smt. Priyadarsini Routray (successful bidder) for Gamharia Baitarani River Sand Quarry Over An Area Of 12.00 Acres Or 4.868 Ha. At Village Gamharia Under Vyasaganar Tahasil Of Jajpur District.
- (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 was 30000 cum with depth of sand deposition was 2.0meter and proposed for annual extraction-28868 cum.
- (iv) The SEIAA also granted EC for 1st year production 10000 cum with 1.0 meter of depth of mining.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 04 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 October, 2022 if satisfactory replenishment study report is not submitted.”
- (vi) The Tahasildar has submitted that 3437 cum of sand extracted for the year 2022-23.
- (vii) The PP has submitted replenishment study report done by ORSAC empanel agency along with RQP Satyanjan Mohanty and mentioned that the pre-monsoon study is not possible due to water logged and as per post-monsoon date sand reserve is 8029 cum. Proposed production for next year lease period is 4817.4 cum.
- (viii) The proposal was placed in the SEAC meeting held on 6th, 8th, 9th and 10th May 2023 and the SEAC decided the following:
- (ix) The replenishment study undertaken only pre monsoon. In absence of post monsoon study, the replenishment study is incomplete. The Post monsoon data is required to estimate the difference. Thus, it is recommended to submit complete and correct replenishment study report for taking decision.
- (x) The proposal was placed in 122nd SEIAA, Odisha meeting held on 08.06.2023, 09.06.2023 & 12.06.2023. After detailed deliberations, the Authority decided to allow amendment of EC on the following points.
 - a) The EC is allowed with a production capacity of 2500 cum (25% of the 1st year production of 10000 cum) for 2nd year period of the lease on adhoc basis.
 - b) The PP shall continue the Annual Replenishment Rate Study Report (ARRS) with pre-monsoon and post-monsoon survey collection data through ORSAC empanel agency by 31st March 2024 and submit the same to SEIAA, Odisha, failing which no further extension shall be allowed. Accordingly, the Amendment of EC was issued on dated 19.06.2023 with allowing 2nd year production quantity 2500 cum (i.e. 25% of 1st year production of 10000 cum) in adhoc manner subject to submission of ARRS report by 31st March 2024.
- (xi) Further, the PP has submitted the amendment of EC application vide application no. SIA/OR/MIN/483328/2024 and the proposal was placed in 164th SEIAA meeting and the Authority rejected the amendment of EC application as per SEAC recommendation with view that the ARRS report is not done as per MoEF & CC, Govt. of India guidelines.

- (xii) The PP has submitted the replenishment study was done by Areal Construction & Geo-India Services, the (ORSAC Empanelment Agencies) with mentioned that Pre-Monsoon Standard Elevation =11.720 m, Post-Monsoon Standard Elevation = 12.766 m and quantity of sand replenished is 6824 cum and proposed production 6824 cum
2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 19.11.2024 and the SEAC decided to recommend the proposal as per the Replenishment Study Report with 6824 of sand subject to modification of Mining Plan.

