



सत्यमेव जयते

**Proceedings of the State Environment Impact Assessment Authority Kerala**

Present: Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini, Member; Sri. P.K. Mohanty IAS, Member Secretary

Sub: SEIAA Kerala - River sand mining in Kasargod District, Kerala- proposal submitted by District Collector Kasargod - Environmental Clearance under EIA Notification 2006 accorded - Orders issued

**Environmental Clearance**

No. 308/SEIAA/KL/1642/2014

dated, Thiruvananthapuram 24.05.2014

Read:- Minutes of 30<sup>th</sup> meeting of SEIAA held on 09<sup>th</sup> May 2014

**ORDER**

Mr. P.S. Mohammed Sagir IAS, District Collector, Kasargod, vide the application received on 08.04.2014, has sought Environmental Clearance under EIA Notification, 2006 for river sand mining from rivers in Kasargod District, Kerala. The proponent has submitted the application in Form 1 along with the following for consideration of environmental clearance for river sand mining in Kasargod District, Kerala:

1. **Details of river kadavus in Kasargod district** - enclosing list of 43 kadavus with details of daily lifting of sand (in tones), location, Re. Sy. No., village, taluk, etc.
2. **Details on quantity of sand supplied from kadavus during 2013-14 from 44 kadavus.**
3. **Recommendations of CWRDM, Kozhikode, for the financial year 2007-08 on the level of quarrying of river sand in the following kadavus:**
  1. Chandragiri river in Chemmanad Grama Panchayath - 6 kadavus
4. **Recommendations of CWRDM, Kozhikode, for the financial year 2008-09 on the level of quarrying of river sand in the following kadavus:**
  1. Karlangode river in Kayyur Cheemeni Grama Panchayath - 2 kadavus
5. **Recommendations of CWRDM, Kozhikode, for the financial year 2010-11 on the level of quarrying of river sand in the following kadavus:**
  1. Shiriya river in Mangalpady Grama Panchayath - 4 kadavus
6. **Recommendations of CWRDM, Kozhikode, for the financial year 2011-12 on the level of quarrying of river sand in the following kadavus:**
  1. Shiriya river in Mangalpady Grama Panchayath - 7 kadavus

2. Uppala river in Mangalpady Grama Panchayath - 5 kadavus
  3. Shiriya river in Enmakaje Grama Panchayath - 1 kadavu
  4. Puthige river in Enmakaje Grama Panchayath - 1 kadavu
  5. Shiriya river in Puthige Grama Panchayath - 3 kadavus
  6. Puthige river in Puthige Grama Panchayath - 2 kadavus
  7. Manjeshwar river in Vorkady Grama Panchayath - 4 kadavus
  8. Chandragiri river in Karadka Grama Panchayath - 2 kadavus
  9. Chandragiri river in Bedadka Grama Panchayath - 3 kadavus
  10. Chandragiri river in Bedadka Grama Panchayath - 2 kadavus
  11. Chandragiri river in Delampady Grama Panchayath - 2 kadavus
  12. Chandragiri river in Chengala Grama Panchayath - 9 kadavus
7. **Recommendations of CWRDM, Kozhikode, for the financial year 2012-13 on the level of quarrying of river sand in the following kadavus:**
1. Shiriya river in Kumbla Grama Panchayath - 4 kadavus
  2. Mogral river in Kumbla Grama Panchayath - 1 kadavu
  3. Chandragiri river in Mogral Puthur Grama Panchayath - 1 kadavu
8. **Recommendations of CWRDM, Kozhikode, for the financial year 2013-14 on the level of quarrying of river sand in the following kadavus:**
1. Uppala river in Meenja Grama Panchayath - 4 kadavus
  2. Shiriya river in Paivalike Grama Panchayath - 2 kadavus
  3. Uppala river in Paivalike Grama Panchayath - 2 kadavus

The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18<sup>th</sup> May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests. No forest land is involved in the present project.

The proposal has been appraised by the State Level Expert Appraisal Committee Kerala constituted by the competent authority, as per prescribed procedure in the lights of provisions under the EIA Notification 2006 and subsequent amendments, in its 29<sup>th</sup> meeting held on 2<sup>nd</sup> and 3<sup>rd</sup> May 2014 AND on the basis of the supporting documents enclosed with the application viz., the Form - 1, feasibility Report of CWRDM, and the additional clarifications furnished in response to the observations, the SEAC Kerala recommended environmental clearance to the project. As stated by the proponent, there is no litigation pending against the lease area / applicant of the lease area in any court of law. It is interalia noted that recent sand audit report from CWRDM is not available now. Considering the statements of the proponent, SEAC recommended the project for environmental clearance which

*Environmental Clearance No- 308/SEIAA/KL/1642/2014*

shall be valid up to 30<sup>th</sup> September 2014.

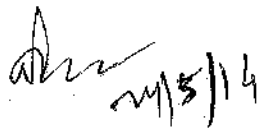
The SEIAA, after due consideration of the relevant documents and in view of the recommendations of SEAC, approved for issuance of Environmental Clearance for the project mentioned above at its 30<sup>th</sup> meeting held on 09<sup>th</sup> May 2014. The Environmental Clearance shall be valid only up to 30<sup>th</sup> September 2014 for mining 50000 m<sup>3</sup> of sand from the 41 Kadavus as per the CWRDM Report of 2011-2012. Accordingly, the State Level Environment Impact Assessment Authority (SEIAA) Kerala constituted by Govt. of India vide Notification No. S.O. 2484(E) dt.3-11-2011 of Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 2074 on 3-11-2011, and further amended by Govt. of India vide Notification No. S.O. 546(E) dt.25.02.2014 of Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 466 dated 25-02-2014, hereby accord Environmental Clearance as per powers vested with it under the provisions of Environment Impact Assessment Notification – 2006 and its subsequent amendments, subject to strict compliance of the following specific conditions:

1. The depth of sand mining should not exceed the water level at summer.
2. District Collector, Kasargod may issue kadavu wise sand extraction permits limiting the total volume of river sand to be extracted from each kadavu and the depth as specified in the CWRDM report.
3. Mining of sand in the Coastal Regulation Zone shall be as per the guidelines stipulated by the KCZMA.
4. Summer water level must be fixed with reference to a permanent point (bench mark) by levelling and should be recorded for future reference. At least two such points must exist in each Panchayath.
5. The following conditions under Para 1 (iii) (a) to (e) stipulated in the O.M. dt. 24<sup>th</sup> December 2013 of MoEF for river sand mining should be complied with. Items mentioned under Chapter 3 of the Kerala Protection of River Bank and Regulation of Removal of Sand Act 2001 should be followed, unless repugnant with the conditions in the O.M. dt. 24<sup>th</sup> December 2013.
  - a) The mining activity shall be done manually.
  - b) The depth of mining shall be restricted to 3 m/water level, whichever is less.
  - c) For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone shall be worked out on case to case basis to the satisfaction of SEAC/SEIAA, taking into account the structural parameters, locational aspects, flow rate, etc., and no mining shall be carried out in the safety zone so worked out.
  - d) No in stream mining shall be allowed.
  - e) The mining plan approved by the authorized agency of the State Government shall inter-alia include study to show that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan and that the transport infrastructure is adequate to transport the mines material. In case of transportation by road, the transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
6. Online e-management system should only be resorted for sand distribution.
7. All the other statutory clearances as is required should be obtained.

Compliance of the above conditions will be monitored by the Directorate of the Department of Environment and Climate Change, Government of Kerala or its agencies and also by the Regional Office of the Ministry of Environment and Forests, Government of India located at Bangalore. Necessary support for entry and inspection should be provided by the project proponent to the staff of the Environment Directorate of Government of Kerala and Ministry of Government of India for monitoring purposes. In case of non-compliance of conditions, noted, if any, the Director, Department of Environment and Climate Change shall report the matter to Government to take necessary action under Environment (Protection) Act 1986.

The given address of correspondence of the Authorized Signatory of the project is:- Mr. P.S. Mohammed Sagir IAS, District Collector, Civil Station, Kasargod - 671123; Tel. No. 04994-255833; Fax No. 04994-255833; Email: kascoll@kerala.nic.in

The validity of EC is only up to 30<sup>th</sup> September 2014.

  
P. K. Mohanty IAS  
Member Secretary, SEIAA  
and Addl. Chief Secretary to Government  
Environment, Forest & Wildlife Departments

To

Mr. P.S. Mohammed Sagir IAS  
District Collector, Civil Station  
Kasargod - 671123.

Copy to :

1. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003
2. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block Koramangala, Bangalore-560034
3. The Addl. Chief Secretary to Government, Environment Dept., Government of Kerala
4. The Principal Secretary to Government, Local Self Government Department
5. The District Collector concerned
6. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Trm - 24.
7. The Director, Mining and Geology Department, Government of Kerala
8. Chairman and Members of SEIAA Kerala
9. Chairman, SEAC Kerala
10. Website uploading
11. Stock file