



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 Malappuram District, Kerala- proposal submitted by District Collector Malappuram - Environmental Clearance under EIA Notification 2006 accorded - Orders issued

Environmental Clearance

No. 238/SEIAA/KL/940/2014

dated, Thiruvananthapuram 07-05-2014

Read:- Minutes of 28th meeting of SEIAA Kerala held on 28th March 2014

ORDER

Mr. K. Biju IAS, District Collector, Malappuram, vide the application received on 28-02-2014, has sought Environmental Clearance under EIA Notification, 2006 for sand mining from the rivers of Malappuram District viz. Bharathapuzha, Chaliyar and Kadalundi, Kerala from the kadavus of below mentioned Panchayath/ Municipality with details on the recommended level of quarrying of river sand for the financial year 2008-09 and 2009-10:

1. **Sand mining kadavus in Chaliyar River:** Kadalundi Grama Panchayath; Valikkunnu Grama Panchayath; Thenhipplam Grama Panchayath; Moonniyur Grama Panchayath; Parappanangadi Grama Panchayath; Thirurangadi Grama Panchayath; A.R. Nagar Grama Panchayath; Vengara Grama Panchayath; Edarikkode Grama Panchayath; Parappur Grama Panchayath; Othukkungal Grama Panchayath; Urakam Grama Panchayath; Malappuram Municipality; Kodur Grama Panchayath; Koottilangadi Grama Panchayath; Anakayam Grama Panchayath
2. **Sand mining kadavus in Kadalundy River:** Edavanna Grama Panchayath; Vazhayur Grama Panchayath; Vazhakkad Grama Panchayath; Cheekode Grama Panchayath; Kizhuparamba Grama Panchayath; Areekode Grama Panchayath; Kavanoor Grama Panchayath; Urangattiri Grama Panchayath; Mampad Grama Panchayath; Nilambur Grama Panchayath; Chaliyar Grama Panchayath
3. **Sand mining kadavus in Bharathapuzha River:** Thirunavaya Grama Panchayath; Kuttippuram Grama Panchayath; Irimbiliyam Grama Panchayath; Moorkkanad Grama Panchayath; Tripangode

Grama Panchayath; Tavanur Grama Panchayath; Pulamantole Grama Panchayath;
Municipality; Purathur Grama Panchayath

The project comes under Category B, Activity 1(a), (i) as per the Schedule of ELA Notification, 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th 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, since the area of the project is below 25 hectares. 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 26th SEAC meeting held on 20th and 21st March 2014, and 27th SEAC meeting held on 27.03.2014 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.

It is interalia noted that district administration conducted a river sand audit in 2010 with the help of experts from CWRDM, Kozhikode. The expert team, after conducting a detailed survey, has submitted a report containing the recommendations on quarrying of river sand in three major rivers of Malappuram district viz, Bharathapuzha, Chaliyar and Kadalundipuzha. Based on this report, the District Level Expert Committee has given permission to Local Self Government Institutions to extract river sand in a sustainable quantity from each kadavu. Since an updated report on sand audit is not available, Government vide G.O.(MS) No. 162/12/RD dt. 21.04.2012 and G.O.(MS) No. 188/2012/RD dt. 05.05.2012 have engaged two agencies to conduct river bank mapping and sand auditing. As stated by the proponent, there is no litigation pending against the lease area / applicant of the lease area in any court of law. Considering the CWRDM report submitted by the proponent, SEAC recommended the project for environmental clearance which shall be valid up to 31st May 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 28th meeting held on 28th March 2014. 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 for river sand mining in the Kadavus of above said Panchayaths/ Municipalities of Malappuram District Kerala as per powers

with it under the provisions of Environment Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the following specific conditions:

- The average depth of sand mining in the stretches should not exceed the water level at summer or the depth specified in the sand audit report, whichever is less.
2. The quantity of sand removed during the period(s) of EC validity, should not exceed the quantity removed during the corresponding period in 2013 subject to the condition no. 1 above.
3. Mining of sand in the Coastal Regulation Zone shall be as per the guidelines stipulated by the KCZMA vide G.O. (Rt) No. 10/2014/S&TD dt. 27.01.2014.
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. Sand mining in rivers can be permitted in future only after consideration of recent sand audit reports. In this context, the reports of sand audits (that is under completion) should be speeded up and the reports must be made available before 31st August 2014.
6. The conditions under Para 1 (iii) (a) to (e) stipulated in the O.M. dt. 24th 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. 24th December 2013.
7. Conditions laid down in G.O. No. 02/14/Env. dt. 21.02.2014 of Government of Kerala should be implemented.
8. Mining areas for which sand mining licenses are issued should not be less than 5 hectares and should be less than 25 hectares.
9. Monitoring of the sand mining activities should be done by the District Collector to ensure that the mining is done to the extent of area and quantum sanctioned. The District Collector should furnish monthly monitoring reports to SEIAA.
10. Specific mining plan which clearly defines the stretch wise details of the river in terms of extent of area (in hectares), proposed depth of the mining (in metres), quantity of mined sand in tons at a specific point and period and exact dimensions (marking boundaries of the mining area including its latitude and longitude) in maps, of the project site should be provided for any further EC application with respect to the project along with Form 1 and necessary attachments failing which application shall not be accepted. The sand audit report with necessary maps can be considered as the pre-feasibility report. Extent of area should be clearly mentioned in Form 1.
11. The mining shall be done manually.
12. Online e-management system should only be resorted for sand distribution.
13. All the other statutory clearances as is required should have been obtained prior to initiation of activities.

Compliance of the above conditions will be monitored by the Directorate of the De
Environment and Climate Change, Government of Kerala or its agencies and also by the
Office of the Ministry of Environment and Forests, Government of India located at Ban
Necessary support for entry and inspection should be provided by the project proponent to the sta
the Environment Directorate of Government of Kerala and Ministry of Government of India fo
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. K. Biju IAS, District Collector, Collectorate, Malappuram- 676505. Tel. No. 0483-2736320;
Fax No. 0483-2730010 Email: dcmpm2007@yahoo.co.in

The validity of EC is only up to 30th June 2014.



Sd/-

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

To

Mr. K. Biju IAS, District Collector, Collectorate, Malappuram- 676505

Copy to :

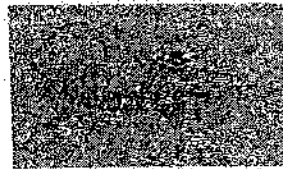
1. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003
2. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034
3. The Addl. Chief Secretary to Government, Environment Dept., Government of Kerala
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, Tvm - 24.
7. Chairman and Members of SEIAA Kerala
8. Chairman, SEAC Kerala
9. Website uploading
10. Stock file

Forwarded/ By Order

P. Sreekanthan Nair
Director, DoECC
(Secretariat of SEIAA/ SEAC Kerala)



കേരള സർക്കാർ
സംഗ്രഹം



പരിസ്ഥിതി വകുപ്പ് - വ്യക്തിഗത ഗ്രാഹനീയമാണെന്നതിനുള്ള മണലിന്റെ ലഭ്യത ഉറപ്പുവരുത്തുന്നതിനുള്ള നടപടികൾ - ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

പരിസ്ഥിതി (എ) വകുപ്പ്

സ.ഉ.(കൈ) നമ്പർ. 13/2014/പ.തി.

തീയതി, തിരുവനന്തപുരം, 15.11.2014

പരാമർശം : 21.2.2014- ലെ സ.ഉ. (എം.എസ്) നമ്പർ. 02/2014/ പരിസ്ഥിതി. നമ്പർ ഉത്തരവ്.

ഉത്തരവ്

നദികളിൽ നിന്നും മണൽ ചെറുപ്പം ചെയ്യുമ്പോൾ പാലിക്കേണ്ട പാരിസ്ഥിതിക വ്യവസ്ഥകൾ മേൽ പരാമർശിച്ച ഉത്തരവിൽ വ്യക്തമാക്കിയിട്ടുണ്ട്. നദികളിൽ നിന്നും മണൽ ചെറുപ്പം ചെയ്യുന്നതിന് മണൽ ഓഡിറ്റ് റിപ്പോർട്ട് (Sand Audit Report) സംവിധാനം അപേക്ഷിച്ച് സംസ്ഥാന പരിസ്ഥിതി ആലോചന നിർണ്ണയ അതോറിറ്റിയുടെ അനുമതി നേടണമെന്ന് പ്രസ്തുത ഉത്തരവിൽ വ്യവസ്ഥ ചെയ്തിരുന്നു. മണൽ ഓഡിറ്റ് റിപ്പോർട്ട് തയ്യാറാക്കിയിട്ടില്ലാത്ത ജില്ലകളിൽ ഈ പാനം 6 മാസത്തിനുള്ളിൽ പൂർത്തിയാക്കാമെന്നുള്ള ജില്ലാ അധികാരികളുടെ ഉറപ്പിന്റെ അടിസ്ഥാനത്തിൽ ആറ് മാസം വരെ മണൽച്ചെറുപ്പുന്നതിനുള്ള അനുമതി പരിസ്ഥിതി കാലാവസ്ഥാ വ്യതിയാന വകുപ്പ് ഡയറക്ടർക്ക് നൽകാമെന്നും പ്രസ്തുത ഉത്തരവിൽ വ്യവസ്ഥ ചെയ്തിട്ടുണ്ട്.

മണൽ ചെറുപ്പം നടത്തുന്നതിന് ഇപ്പോൾ നിലനിൽക്കുന്ന ബുദ്ധിമുട്ടുകൾ പരിഹരിക്കുന്നതിനും മണലിന്റെ ലഭ്യത ഉറപ്പു വരുത്തുന്നതിനും വേണ്ടി ചുവടെ ചേർക്കുന്ന നടപടികൾ വ്യവസ്ഥ ചെയ്തുകൊണ്ട് ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

- 1) മണൽ ഓഡിറ്റ് പൂർത്തിയാക്കപ്പെട്ടിട്ടുള്ള 20 നദികളിൽ നിന്നും മണൽ ചെറുപ്പം നടത്തുന്നതിന് നിയമാനുസൃതമായ അനുവാദം നൽകേണ്ടതാണ്. ഇതിനുള്ള അപേക്ഷ ബന്ധപ്പെട്ട ജില്ലാകളക്ടർമാർ ഉടൻ സമർപ്പിക്കേണ്ടതാണ്.
- 2) മണൽ ഓഡിറ്റിംഗ് പൂർത്തിയാക്കപ്പെട്ടിട്ടില്ലാത്ത നദികളിൽ നിന്നും മൂന്ന് മാസം വരെ മണൽ ചെറുപ്പം നടത്തുന്നതിന് താൽക്കാലിക അനുമതി നൽകേണ്ടതാണ്. ഈ മൂന്ന് മാസക്കാലയളവിനുള്ളിൽ മണൽ ഓഡിറ്റിംഗ് പൂർത്തിയാക്കേണ്ടതാണ്.

(.....2.....)