



PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – KERALA, THIRUVANANTHAPURAM

(Present: Dr. H. Nagesh Prabhu IFS (Retd), Chairman, SEIAA, Sri. K. Krishna Panicker, Member, Dr.V.Venu IAS, Member Secretary)

Sub: SEIAA- Environmental Clearance issued to Sri. George Kochuparambil, for the Building Stone Quarry Project in Re-Survey Nos. 354/4, 354/5, 355/1pt, 351/1pt, 350, 352/1pt, Manakkad Village, Thodupuzha Taluk, Idukki, Kerala- EC Revalidation Granted - Orders issued

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. 1137/EC/SEIAA/KL/2017

Dated 02.03.2023

- Read :-
1. EC Proceedings No. 1137/EC/SEIAA/KL/2017 dt. 17-03-2018.
 2. Application dated 30/05/2022 of Sri. George Kochuparambil.
 3. Minutes of the 131st SEAC meeting held on 5th - 6th, 19th -20th August 2022.
 4. Minutes of the 136th SEAC meeting held on 09th to 11th January 2023.
 5. Minutes of the 123rd SEIAA meeting held on 27th & 28th January 2023.
 6. G.O (Rt.) No.29/2019/Env dt.12.04.2019.

ORDER

Environment Clearance vide paper read (1) had been accorded for the Building Stone Quarry Project of Sri. George Kochuparambil, for an area of 12.2987 Ha. in Re-Survey Nos. 354/4, 354/5, 355/1pt, 351/1pt, 350, 352/1pt, Manakkad Village, Thodupuzha Taluk, Idukki for a period of five years.

2. The Project Proponent vide letter, read as 2nd paper above requested to revalidate his EC for consideration of Project life as validity of EC with supporting documents, including satisfactory CCR from IRO, MoEF & CC, Bangalore.

3. After due appraisal & field verification the 136th SEAC meeting, recommended extension of the validity of EC with Project life of 16 years from the date of the original EC (*i.e* 17.03.2018), subject to certain additional Specific Conditions in addition to the Specific and General Conditions stipulated in the original EC. During its appraisal SEAC also considered the complaints against the project and heard the complainants. By considering this, additional safe guard measures were included with EC conditions.

4. In the 123rd SEIAA meeting, the Authority decided to revalidate the Environmental Clearance, initially for a period of 5 years and then extend the EC period to cover Project Life of 16 years, from the date of issuance of original EC *i.e.*, 17.03.2018, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has caused any damage to the Environment in the Project Region by violating any EC conditions. The District Geologist, Mining & Geology Department, Idukki has to re-estimate mineable reserve considering mineral blocked in benches and buffer zone and the proponent be allowed to mine out only the re-estimated mineable reserve. The EC is subject to Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

- 1. The buffer zone should be maintained with a uniform width of 7.5 m and it should be used for developing and maintaining thick green belt.*
- 2. The garland canal; silt traps and outflow channel should be maintained periodically by cleaning and desilting and geo-tagged photographs of the process should be included in the half-yearly compliance report*

3. *The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
4. *NONEL short delay detonator may be used for initiation.*
5. *Blasts should be conducted by a blasters or mining mate certificate holder only.*
6. *To restrict fly rock to within 10m, muffling arrangements should be made.*
7. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
8. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

5. In this circumstance, the EC issued vide paper (1) read above is revalidated initially for a period of 5 years and then extend the EC period to cover Project Life of 16 years, from the date of issuance of original EC i.e., 17.03.2018, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has caused any damage to the Environment in the Project Region by violating any EC conditions. The District Geologist, Mining & Geology Department, Idukki has to re-estimate mineable reserve considering mineral blocked in benches and buffer zone and the proponent be allowed to mine out only the re-estimated mineable reserve. The EC is subject to Terms

and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions mentioned in Para 3 above.

6. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data has to be uploaded in the PARIVESH portal and the website of the proponent. The HYCR mentioning the name of the project, EC No and date, period of submission are to be sent to the Regional Office of MoEF & CC and to SEIAA Kerala by email ID rosz.bng-mefcc@gov.in & seacseiaakerala@gmail.com, respectively. Hardcopy of HYCRs shall not be acceptable.



**Administrator, SEIAA
For Member Secretary, SEIAA**

To,

Sri. George Kochuparambil
Kochuparambil House,
Vazhithala. P.O.,
Thodupuzha,
Idukki- 685 583

Copy to:

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034. (through e-mail: rosz.bng-mefcc@gov.in)
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Idukki
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Idukki
8. The Tahsildar, Thodupuzha Taluk, Idukki
9. The Chairman, SEIAA.
10. Website.
11. S/f
12. O/c