

**LIST OF CONDITIONS - proposed ROCK QUARRY AT ST JULIEN  
BY GAMMA MATERIALS LTD(ENV/DOE/EIA/1533)**

1. All other necessary permits/clearances from the relevant authorities including clearances from the Special Mobile Force concerning the blasting operations and use of explosives shall be obtained and all the conditions attached therewith shall be scrupulously observed. A copy of all the permits/ clearances obtained shall be submitted to the Director of Environment.
2. The development shall be undertaken as per the mitigating measures stated in the EIA report and the additional information submitted unless as otherwise advised herein.
3. The Department of Environment shall be informed in writing of the date of commencement of works for monitoring purposes. A detailed programme of works and implementation plans shall be submitted to the Department of Environment, Ministry of Environment & Sustainable Development for approval prior to the start of works.
4. In accordance with section 18(2)(l) of the Environment Protection Act 2002, the proponent shall submit to the Director of Environment, Ministry of Environment & Sustainable Development, an Environmental Monitoring Plan for approval prior to start of works. The proponent shall thereafter submit reports on the implementation accordingly.
5. In accordance with section 18(2)(m) of the Environment Protection Act 2002, the proponent shall submit to the Director of Environment, Ministry of Environment & Sustainable Development, a Decommissioning Plan for approval prior to start of rehabilitation and site restoration works at the end of the lifespan of the rock quarry.
6. The frequency and time of blasting operations shall be as per the recommendations of the Special Mobile Force.
7. The area meant for blasting shall be watered with automatic sprinkler before and after blasting, and the blasted rock shall also be sprinkled prior to loading onto lorry.

8. The proponent shall ensure that explosive materials used for blasting operations are properly ignited and that all residues from explosives are carted away.
9. Exposed cuts and embankments on the proposed site boundary shall be reinforced and or adequately excavated so as to prevent erosion.
10. Spoil heaps located near tributaries shall be designed to be stable in periods of high intensity rainfall so as to prevent its erosion to the tributaries.
11. Quarry activities shall start on the northern part of the site which is further away from the settlement of St. Julien d'Hotman.
12. The proponent shall submit an Aquifer Protection Management Plan to the Water Resources Unit with copy to the Director of Environment, Ministry of Environment & Sustainable Development prior to the start of quarry operations. All necessary precautions shall be taken to avoid any contamination of the aquifer.
13. The quarrying activities shall be undertaken in a phased manner. All quarrying activities below the first 20 metres shall be subject to additional hydro-geological investigations to assess the feasibility of further quarrying potentials and approved by the Water Resources Unit. A copy of the report shall be submitted to the Director of Environment, Ministry of Environment & Sustainable Development.
14. Peripheral earth bunds shall be erected prior to the start of the rock quarry operation and it shall be heavily planted with trees prior to the operation of the rock quarry.
15. An adequate and continuous potable water supply shall be ensured on the premises. A water storage tank with a capacity to store enough water for 48 hours shall be provided solely for abating dust pollution. If at any time water supply for abating dust pollution is inadequate, the proponent shall stop all dust emitting activities.
16. All wastewater shall be disposed via the septic tank and the absorption pit. The septic tank shall be watertight and accessible at all times for inspection and maintenance. The septic tank shall be of minimum capacity of 3 m<sup>3</sup>. The

absorption pit shall have a total minimum wall surface area of 20 m<sup>2</sup>. The septic tank and absorption pit shall be located at least 2m from any property boundary or structures. Every 3 years the septic tanks shall be desludged by licensed wastewater carriers.

17. Solid wastes shall be properly collected and disposed of to the satisfaction of the Local Authority.
18. Necessary measures shall be taken to prevent any hydrocarbon spills from lorries and other machineries to infiltrate and contaminate the under ground and surface waters during the operation phase.
19. Necessary measures shall be taken during the operation phase so as not to cause any nuisance by way of noise, vibration and dust pollution to the neighbours, the surrounding environment and the public. All noise emanating there from shall be within permissible levels as per the Environment Protection Act 2002.
20. In case of any environmental problem arising from this development, this Ministry will take necessary action in accordance with the provisions of the Environment Protection Act.
21. Any proposed deviation shall be subject to an application to the Director of Environment. No deviation or part thereof shall be executed prior to the determination of the application by the Director.