

LIST OF CONDITIONS - proposed setting up of a stone crushing plant, block making plant, pre-mixed asphalt concrete plant, concrete batching plant, pre-cast yard and a rock quarry at Labatie, Beemanique BY Gamma Materials Ltd (ENV/DOE/EIA/1527)

1. All other necessary permits/clearances from the relevant authorities including Land Conversion Permit from the Ministry of Agro-Industry, Food Production and Security, Groundwater Licence for drilling of a borehole and abstracting water for potable/industrial purposes from the Central Water Authority/Water Resources Unit, as well as clearance from 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 therein.
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)(f) 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. 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.

6. 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.
7. The development shall comply with all the provisions as stipulated in the Rivers and Canals Act and no construction shall be undertaken within a setback of 30 m from the tributaries of Rivière Eau Bleue.
8. No quarrying activities shall be carried out within the southern margin of the site which is affected by the Scenic Landscape Zoning in accordance with the Development Management Map of the Grand Port- Savanne District Council.
9. 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.
10. The frequency and time of blasting operations shall be as per the recommendations of the Special Mobile Force.
11. 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.
12. The proponent shall ensure that explosive materials used for blasting operations are properly ignited and that all residues from explosives are carted away.
13. 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.

14. Necessary clearance shall be obtained from the Road Development Authority for improvement of the existing junction with the Motorway M1 with proper deceleration and acceleration lanes with all the necessary engineering details/engineering drawings including turning radii, pavement structure prior to the start of works. Necessary clearance regarding traffic impact and road safety issues shall be sought from the Traffic Management & Road Safety Unit. The access road to the site shall be upgraded and street-lighting at junction onto M1 and access roads, at entrance and exit on the M1 Motorway, along the deceleration/acceleration lanes shall be provided in consultation with the lessor and the Road Development Authority.
15. Proponent shall ensure that the axle load of trucks entering and leaving the plants compound are in conformity with Road Traffic regulations, that is, load shall be less than 10 tons per axle. Appropriate measures shall be taken to avoid damage to public roads due to spillage of concrete materials by heavy vehicles on the road surface
16. All electric motors such as air compressors, generators and other noise generating equipment shall be housed in soundproof enclosures and machines and plants shall be maintained in good working condition so that noise emanating therefrom shall be within permissible levels as per the Environment Protection Act 2002.
17. All emissions from the hot-mix asphalt plant, diesel burners and rock quarry operations shall comply with the Emissions Standards promulgated under the Environment Protection Act 2002.
18. The asphalt plants shall be regularly maintained and all odorous emissions therefrom shall be adequately treated so as not to cause odour nuisances.
19. Refueling bay, washing bay and vehicle/machines maintenance workshop shall only take place on paved areas with properly designed interceptors.
20. Impermeable bund structure shall be provided around all oil or other chemical storage tanks to protect against oil spillage. The integrity and

impermeability of bund and lining shall be assessed regularly and remedial measures shall be taken by the proponent. A contingency plan shall be provided for in case of any accidental spillage.

21. Dust generated by the activities shall be controlled by sweeping, paving, watering or other best management practices. The plant components, including the crushers and conveyor belts shall be enclosed and shall be rendered sound proof. The unloading and loading areas and rock dust stockpile shall also be enclosed and shall be provided with dust suppression equipment.
22. Water sprinklers shall be installed along the access road in the yard, at the mouth of crushers and on the stockpiles of aggregates and shall be operated regularly to suppress dust emanation.
23. 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.
24. All domestic wastewater shall be disposed of via an individual septic tank followed by an absorption pit. The septic tank shall be of a minimum capacity of 8m^3 , shall be watertight and accessible at all times for inspection. The absorption pit shall have a minimum walls and bottom surface area of 80m^2 . Every three years, or if need be at a higher frequency, the septic tank shall be desludged by licensed wastewater carriers. The closest distance of the on-site wastewater disposal to building, structures and boundaries shall be as per Design Guidances of the Ministry of Housing and Lands. No vehicular movement shall be allowed on the on-site wastewater disposal system. A minimum clearance of 1.2m shall be observed from the formation level of the absorption pit to the maximum level of water table.
25. Wastewater from the processes shall be recycled within the site so that no effluent is spilled on the nearby environment. The sedimentation pond within the site shall be provided with an impermeable lining.

26. Solid wastes shall be properly collected and disposed of to the satisfaction of the Local Authority.
27. Any used/waste oil shall be sent to recycling industries for proper disposal to the satisfaction of the Ministry of Local Government & Outer Islands.
28. Appropriate drains shall be provided for the evacuation of storm water so as to avoid flooding of the site and adjoining areas. The design of the entire surface drain network and silt trap/stilling basin including clear indications of low points that is lieu of eventual discharge of water shall be duly signed by a Registered Professional Engineer and shall have the prior approval of the District Council of Grand Port Savanne. The silt trap/stilling basin shall be maintained at all times.
29. The surface runoff from paved areas, pits, quarries, spoil heaps, embankments and all parts of sites including access roads shall be channeled and pass through adequately sized and located oil/petrol interceptors before discharge to surface water drainage. All drainage infrastructures shall be lined with an impermeable layer. The proponent shall ensure that the natural surface water drainage, both upstream and downstream of the site is not disturbed so as to avoid flooding to adjoining properties. Existing natural water drain found on the proposed development site shall be upgraded and maintained so as to prevent flooding on the site.
30. Exposed cuts and embankments on the proposed site boundary shall be reinforced and or adequately excavated so as to prevent erosion. 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.
31. Necessary measures shall be taken to prevent any hydrocarbon spills from lorries to infiltrate and contaminate the underground and surface waters during construction and operation phase.
32. Workers shall be provided with appropriate protective equipment (proponent to ensure the use of same), sanitary facilities and regular medical checkups.

33. Necessary measures shall be taken during site preparation, construction and operation phase so as not to cause any nuisance by way of noise, odour, vibration and dust pollution to the neighbours, the surrounding environment and the public.
34. No trees growing within any reserves of feeders shall be cut. All blank areas within reserves and outside construction areas shall be planted with trees as per the recommendations of the Conservator of Forests. Peripheral earth bunds shall be erected prior to the start of the rock quarry operation. Fast growing trees shall be planted in rows along the site boundaries to screen the site so that it is not visually intrusive.
35. 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.