

LIST OF CONDITIONS FOR PROPOSED STONE CRUSHING PLANT AND ASPHALT PLANT AT LA MARIE, BEARD, HENRIETTA BY R.MURUGAN ASPHALT PLANT LTD [ENV/DOE/EIA/1843]

1. Notwithstanding all other permits and clearances from the relevant authorities,
 - A clearance from Central Water Authority for water supply;
 - A clearance from the Mauritius Fire and Rescue Service;
 - A Land Conversion Permit; and
 - A Building and Land Use Permit from the Municipal Council of Vacoas-Phoenixshall be obtained and all conditions shall be scrupulously observed. A copy of all permits and 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 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 on site for monitoring purposes.
4. In accordance with Section 18(2)(l) of the Environment Protection Act 2002 (as amended), the Proponent shall submit to the Director of Environment, an Environmental Monitoring Plan (EMP) for approval prior to start of works on site. No infrastructural works shall start prior to the approval of the EMP. The proponent shall thereafter submit monitoring reports as per the EMP approval.
5. In compliance to Part V - Spill and Environmental Emergency of the Environment Protection Act, a contingency plan as provided for, under Section 30(3)(a) of the Environment Protection Act shall be submitted to the Director of Environment, for approval, prior to operation.
6. The Department of Environment shall be informed in writing within one month of the date of completion of all works on site, with copy of the as-built layout plan, for monitoring purposes to ensure compliance with the conditions of the EIA Licence.

7. The development shall be according to the relevant Planning Policy Guidance (PPG) of the Ministry of Housing and Land Use Planning and other relevant standards.
8. The access road shall be asphalted by the proponent, at his own costs, as stipulated in the additional information dated 08 September 2020, prior to the operation of the asphalt plant.
9. The access road shall either be enlarged to 6.0m wide or layby shall be provided at regular distance on both sides to the satisfaction of the Traffic Management and Road Safety Unit and the Municipal Council of Vacoas/Phoenix.
10. The proponent shall ensure that lorries/trucks entering and exiting the site shall strictly comply with prevailing road traffic regulations including axle load shall not exceed 10 tons. The proponent shall ensure cleanliness of La Marie-Petrin-Chamouny (B102) Road from all entrained mud and other construction materials during construction phase of the project. Any part of the existing main roads leading to the project site which may be damaged during the works shall be reinstated by the proponent, at his own costs, to the satisfaction of the Road Development Authority.
11. Street lighting shall be provided at junction of access road with La Marie-Petrin-Chamouny (B102) Road. The proponent shall improve (include tarring) the tie-in of the access road with B102 Road to the requirements of the Road Development Authority and Traffic Management and Road Safety Unit.
12. The proponent shall submit all engineering details of the proposed works to be carried out by the proponent at the junction of the Road Development Authority (RDA) road (inclusive of road width, road reserves, kerb radii, junction details, pavement structure, provision of footpaths, drains and street lighting) to the RDA and the Traffic Management and Road Safety Unit for approval.
13. The proponent shall ensure that no surface water run-off from the proposed development/access be discharged on La Marie-Petrin-Chamouny (B102) Road.
14. The existing natural drain shall be maintained and shall not be tampered, backfilled or obstructed during and after the construction phase. An adequate drainage network shall be provided to prevent any stagnation of water or used water within the premises.

15. The proponent shall submit the design calculations for the storm water drainage system and drainage layout indicating the discharge point for the evacuation of surface runoff to the Land Drainage Authority for approval.
16. No wastewater shall be discharged into any waterbody. All necessary precautions shall be taken so that the proposed development does not impact negatively on the ground water and surface water quality. Necessary measures shall be taken to prevent any diesel, oil and hydrocarbon spills due to movement of lorries and plant operation, as well as during the refuelling operation of lorries. The refuelling bay and washing bay shall be placed on paved areas with properly designed interceptors. Necessary measures shall be taken during heavy rainfall to prevent contamination of the underground and surface water by petroleum/bitumen based products.
17. The proponent shall make provision for an appropriate means of discharging stormwater through mud/silts traps and hydrocarbon separators prior to open discharge to the receiving environment.
18. Necessary bunded walls shall be provided around the storage of all petroleum based products/bitumen/diesel storage tanks to cater for any accidental spillage and leakage. The bunded walls shall be of a minimum capacity of 110% of the capacity of the storage tank.
19. All domestic wastewater to be generated shall be channelled to septic tank followed by absorption pits. Wastewater from the watchman quarter shall be channelled to a septic tank of minimum volume of 3m³ and the absorption pit of a minimum wall surface area of 20m². All wastewater from the office/mess/washroom shall be channelled to a second septic tank of capacity of 6m³ and the absorption pit a minimum wall surface area of 24m² as proposed in the report. Water from the wet scrubber shall be treated and recycled back as detailed in the EIA Report. The septic tank shall be watertight and accessible at all times for inspection and maintenance. Every three years or if necessary at a lesser interval, the septic tank shall be desludged by licensed wastewater carriers. The septic tank and absorption pit shall be located at least 2m from any building and site boundary as per the Planning Policy Guidance (PPG) of the Ministry of Housing and Land Use Planning dated November 2004 and revised in September 2006. No vehicular loading shall be allowed on the on-site disposal system. The on-site wastewater disposal system shall be located on slope not greater than 10%. The minimum height from the formation level of the absorption pit to the maximum level of water table shall be 1.2m as per PPG.

20. Excavated soil generated during plant set up shall be reused as backfilling material. Solid wastes and recyclable wastes (PET bottles, metal cans, etc) generated by workers during the operation phase shall be sorted out. Sludge from scrubber and ash from combustion of fuel oil being hazardous wastes shall be disposed at Interim Hazardous Wastes Storage Facility at La Chaumière against payment. Sorting of inert and non-inert construction and demolition wastes shall be done prior to sending to other recycling facilities.
21. Dust generated by activities at the plant shall be controlled by sweeping, paving, watering or other best management practices. Water sprinklers shall be installed at the entrance of the site, in the yard, at the mouth of crushers and on the stockpiles of aggregates and shall be operated regularly to suppress dust emanation.
22. The stockpile of aggregates shall be covered with tarpaulin to prevent any generation of dust therefrom. The stockpile of rock dust shall not be a source of dust nuisances. Rock dust shall be covered with tarpaulin or appropriately to prevent any generation of dust therefrom. The rock dust shall be reused as backfill materials.
23. All air emission emanating from the plant shall be in compliance to the Environment Protection (Standards for Air) Regulations 1998 and subsequent air emission standards to be promulgated under the Environment Protection Act.
24. All electric motors such as air compressors, generators and other noise generating equipment shall be housed in noise attenuating enclosures so that noise emanating therefrom be within permissible levels as per Environment Protection Act (EPA) 2002.
25. Machines and plants shall be maintained in good working condition so as to avoid excessive noise emanation.
26. Adequate measures shall be taken to control odour emissions. All gaseous emissions likely to cause air and odour nuisance shall be channelled to an odour control device prior to release into the atmosphere.
27. Workers shall be provided with appropriate protective equipment (proponent shall ensure the use of same), sanitary facilities and regular medical check-ups.

28. An adequate and continuous potable water supply shall be ensured on the premises and water storage tanks(s) with capacity to store enough water for 48 hours shall be provided solely for abating dust pollution.
29. Working platforms shall be provided with impermeable concrete lining to contain bitumen spills. All the crushers and the conveyor belts shall be properly enclosed.
30. Necessary measures shall be taken during site preparation, construction and operation stages so as not to cause any nuisance by way of noise, vibration, dust, odour and air emissions to the public and surrounding environment. The site shall be properly fenced to avoid any nuisance therefrom. The site of works shall be properly protected by fencing/hoardings to prevent air pollution during all stages of the project.
31. A green belt with fast growing trees shall be provided (plantation of trees) around the plant. The site shall be landscaped properly and ornamental plants and trees shall be planted to upgrade and enhance the aesthetics.
32. The operation of the plant shall at all times comply with all relevant legislations in force.
33. In case of any environmental pollution or nuisance arising from this development, this Ministry in consultation with other concerned authorities may impose additional conditions, which shall be strictly observed, and will take necessary actions in accordance with the provisions of the Environment Protection Act 2002 (as amended). The additional conditions shall be strictly observed and implemented by the proponent.
34. 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.