

**PROPOSED CONSTRUCTION AND OPERATION OF A WASTE TO VALUE PLANT
AT RICHE TERRE BY ENERGIE DES MASCARIGNES LIMITEE
[ENV/DOE/EIA/1848]**

1. Notwithstanding all the other permits and clearances, the following permits/ clearances shall be obtained:
 - (i) A Fire Certificate from the Mauritius Fire and Rescue Service.
 - (ii) A Building and Land Use Permit prior to start of construction on site.
 - (iii) A clearance from the Central Water Authority regarding potable water supply.
 - (iv) A clearance from the Dangerous Chemical Control Board prior to start of operation
 - (v) A clearance from the Ministry of National Infrastructure and Community Development (National Infrastructure Division) prior to start of construction on site

A copy of all the permits/ clearances obtained shall be submitted to the Director of Environment. All conditions attached therewith shall be scrupulously observed.

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 programme of works shall be submitted to the Department of Environment prior to the start of works.
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. No infrastructural works shall start prior to the approval of the EMP. The EMP shall include a detailed odour management and monitoring plan. A contingency plan (for oil spill, chemical spill and wastewater spill) shall be prepared and included in the EMP. The proponent shall thereafter submit monitoring reports as per the EMP approval.
5. The Department of Environment shall be informed in writing of the date of completion of all works on site, with copy of the as-built layout plan, prior to the start of operation for monitoring purposes. Moreover, during commissioning phase, the proponent shall demonstrate to the Ministry of Health and Wellness that the plant is not likely to cause odour nuisance.
6. The waste to value plant shall be managed by competent and qualified operator. The proponent shall seek guarantees for the equipment from the suppliers in order to cater for repairs of mechanical breakdown, equipment failures and availability of spare parts. All instrumentation and equipment that will be used in the biogas process shall be appropriately ATEX certified as per EU standards.
7. The development shall comply fully with all the provisions stipulated in the Forests and Reserves Act. No development shall be allowed within the Feeder Sèche reserves and a setback of 3m shall be observed. No trees shall be felled along the reserves of the Feeder

Sèche and any re/afforestation programme along the reserves shall be subject to the approval of the Conservator of Forests.

8. The project shall comply fully with the provisions as stipulated in Section 25 (Part I) and Section 26 (Part I) of the Rivers and Canal Act, given that Feeder Sèche borders the western boundary of the site.
9. All necessary precautions shall be taken so that the proposed development does not impact negatively on the ground water and surface water quality, given that the proposed site lies in a semi-permeable zone. The proponent shall take all mitigation measures regarding pollution control to prevent any negative impacts on water quality of Feeder Sèche and Rivulet Terre Rouge.
10. No waste of any type shall be discharged in any river, waterbody or ground surface.
11. The proponent shall ensure that there is no discharge of industrial wastewaters which will defile the water quality of the boreholes to the satisfaction of the Central Water Authority.
12. The Wastewater Management Authority shall be informed in writing once the wastewater treatment plant starts operating. Prior to discharge of treated effluent into the public wastewater system same shall satisfy the permissible limits set under the *4th Schedule of the Wastewater Regulations 2019*. Princes Tuna Mauritius Ltd and Marine Biotechnology Products Ltd shall continue to abide by the conditions of their respective licences for discharge of industrial effluent granted by the Wastewater Management Authority. The responsibility and liability for the proper operation and maintenance of the proposed wastewater treatment plant shall rest upon the Specialist Firm/Proponent. In case of non-compliance the Wastewater Management Authority reserves the right to impose any additional conditions in accordance with the Wastewater Management Authority Act. The Wastewater Management Authority shall at no time be responsible for any malfunctions or other nuisances associated with the operation and maintenance of the wastewater treatment plant. The proponent shall at any time grant access to Wastewater Management Authority Officers for the purpose of inspecting and checking the water and wastewater network, metering and sampling devices, wastewater treatment facilities and disposal systems, and taking independent samples and readings for verification of effluent quality and volume respectively. Detailed design report for the wastewater treatment plant shall be submitted to the Wastewater Management Authority for approval before construction. A format of the design report '*Guidelines for preparation of Application of Wastewater Treatment Plant*' is available at the Wastewater Management Authority Head Office. No untreated wastewater shall be discharged into the environment. In case of breakdown of the treatment plant, the Specialist Firm/Proponent shall take all necessary measures to prevent non-compliant wastewater to be discharged directly to the sewer.
13. All drainage infrastructures shall be designed and constructed to the satisfaction of the District Council of Pamplemousses and the Land Drainage Authority. The proponent shall submit the detailed design calculations for the drainage infrastructure to be implemented on site for the evacuation of storm water runoff indicating the final discharge point.
14. Construction wastes shall be sorted out into inert and non-inert. The inert wastes shall be used as backfill material and the recyclable non-inert wastes shall be sent to registered

recyclers. Recyclable wastes generated during operation phase shall be sorted out and sent to registered recyclers. Non-recyclable wastes and sludge from the plant shall be disposed of at landfill. The empty containers of hazardous chemicals shall be returned to supplier and the absolute hazardous chemicals shall be sent to Interim Hazardous Waste Storage Facility against payment.

15. All electric motors such as pumps, compressors, generators, transformers and other noise generating equipment shall be housed in noise attenuating structures so that noise generated therefrom shall be within permissible limits as per Environment Protection (Environmental Standards for Noise) Regulations 1997. Machines and plants during construction period shall be maintained in good working condition so as to avoid excessive noise emanation.
16. All emissions from the development shall comply with the Environment Protection (Standards for Air) Regulations 1998 and subsequent air emission standards to be promulgated under the Environment Protection Act.
17. The operation of the plant shall not give rise to odour nuisance and as such any release of odorous emissions shall be effectively neutralized through odour control equipment or otherwise.
18. Necessary bunded walls shall be provided around chemicals/disinfectant/ detergents and diesel/fuel storage tank(s) for standby generator to cater for any accidental spill/leakage.
19. Necessary measures shall be taken during site preparation, infrastructural and construction works and operation, so as not to cause any nuisance by way of noise, vibration, dust, odour or otherwise to the public and surrounding environment. The site of works shall be properly protected by fencing/hoardings to attenuate dust and noise nuisances during the construction phase.
20. The proponent shall ensure that proper housekeeping practices be observed at all times and in particular cleaning program of the yard is done such that any leachate or liquid effluent is cleaned regularly.
21. The proponent shall keep a line of communication with the inhabitants and users of the area and shall resolve any conflict that may arise.
22. The site shall be landscaped properly and ornamental plants and trees shall be planted to upgrade and enhance the aesthetics.
23. In case of any environmental pollution or nuisance arising from this development, this Ministry in consultation with other concerned authorities may impose additional conditions 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.
24. 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.