

LIST OF CONDITIONS FOR THE PROPOSED COLLECTION AND RE-REFINING OF USED LUBE OILS AT CLUNY BY AL-ABDULLA PETROLEUM CO LTD [ENV/DOE/EIA/1636]

1. All other necessary permits/clearances from the relevant authorities shall be obtained including a Land Conversion Permit from the Ministry of Agro Industry & Food Security, a Building and Land Use Permit and a Permit to run electric motors from the District Council of Grand Port, clearance from the Dangerous Chemicals Control Board and the Government Fire Services shall be obtained prior to commencement of any works related to the proposed project 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. All the activities of the project shall be carried out in conformity with the Environment Protection (Collection, Storage, Treatment, Use and Disposal of Waste Oil) Regulations 2006 {a copy of which is attached}.
3. The proponent shall comply with all provisions of the Groundwater Act and Rivers and Rivers and Canals Act.
4. 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.
5. The Department of Environment shall be informed in writing of the date of commencement of works for monitoring purposes. A detailed programme of work and implementation plans shall be submitted to the Department of Environment, Ministry of Environment, Sustainable Development, Disaster and Beach Management prior to start of works.
6. In accordance with section 18(2)(I) of the Environment Protection Act 2002, the proponent shall submit to the Director of Environment, Ministry of Environment, Sustainable Development, Disaster and Beach Management, an Environmental Monitoring Plan (EMP) for approval prior to start of infrastructural works on site. No works shall start prior to the approval of the EMP.

7. The proponent shall prepare a contingency plan (to cater for the handling and management of any oil spillage) as stipulated under section 30(3) of the Environment Protection Act 2002 and shall submit same for approval to the Director of Environment, Ministry of Environment, Sustainable Development, Disaster and Beach Management. Necessary measures shall be taken to prevent any diesel, oil and hydrocarbon spills due to movement of lorries and plant operation.
8. The proponent shall submit to the District Council of Grand Port with copy to the Director of Environment, Ministry of Environment, Sustainable Development, Disaster and Beach Management, layout plans of all buildings with dimensions and site plan showing all plot dimensions and indicating all the buildings that would be erected on site with setbacks from boundaries.
9. 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 and to ensure compliance with the conditions of the EIA licence as well as proposals in the EIA report.
10. All emissions from the plant shall comply with Environmental Protection (Standards for Air) Regulations 1998 promulgated under the Environment Protection Act. The results of the analysis shall be submitted to the Department of Environment on a monthly basis (for the first year of operation and thereafter, as determined by the Director, Department of Environment). Regular ambient air quality monitoring shall be carried out as per the approved environmental monitoring plan and the results shall be submitted to the Department of Environment.
11. The noise generating equipment such as air compressors, generators, pumps and other noise generating equipment shall be housed in sound proof enclosures so that noise level emanating therefrom be within permissible limits of the standards for Noise as per the Environment Protection

(Environment Standards for Noise) Regulations promulgated under the Environment Protection Act.

12. Machines and equipment shall be maintained in good working condition so as to avoid excessive noise emanation.
13. The facility shall be adequately lighted and ventilated. The operation of the plant shall not give rise to any noise, odour and dust nuisances to the public and the surrounding environment. Proper odour control equipment shall be incorporated in the plant to control odourous emissions.
14. All necessary precautions shall be taken against risks of fire, spillage and leakage.
15. No waste of any type (liquid or solid) shall be disposed of or have access directly or indirectly to any watercourse including drains.
16. All solid wastes including any final residue shall be disposed of to the satisfaction of the Solid Waste Management Division of the Ministry of Environment, Sustainable Development, Disaster and Beach Management.
17. All domestic wastewater shall be disposed via septic tank followed by absorption pit. The septic tank shall have a minimum volume of 3 m³ and shall be accessible at all time for maintenance. The absorption pit shall have a minimum wall surface area of 20m². The septic tank and absorption pit shall be located at least 2m from any building and site boundary as per the Planning Policy Guidance prepared by the Ministry of Housing and Lands dated November 2004 and revised in September 2006. Every 3 years or if need be to a higher frequency the septic tank shall be desludged by a registered wastewater carrier and carted away to Wastewater Management Authority approved disposal site. No vehicular loading shall be allowed on the on-site disposal system. The minimum distance from the formation level of the absorption pit to the maximum level of water table shall be 1.2 m as per the Planning Policy Guidance.

18. Given that tributary Eau Blue flows about 55m from the site boundary and that the project forms part of a main aquifer system, all necessary precautions shall be taken so that the proposed development does not impact negatively on the freshwater and groundwater resources (underlying aquifer) of the proposed development site.
19. Necessary measures shall be taken during heavy rainfall to prevent contamination of the underground and surface water by waste/used oil and hazardous constituent/acids. As such, necessary perimeter drains shall be provided around the site which will channel contaminated surface run off through mud /silts traps and hydrocarbon separators prior to open discharge to the receiving environment. All the drainage infrastructures including loading and unloading platform shall be lined with an impermeable layer.
20. Necessary bunded walls shall be provided around the storage of hazardous constituents/acids and heavy fuel oil/used oil to cater for any accidental spillage and leakage.
21. Existing natural drains, if any, found on the proposed development site shall be upgraded and maintained so as to prevent flooding of the site and adjoining areas.
22. In order to prevent accumulation of water and flooding of the site, the proponent shall consider high water run-off during high intensity rainfall in designing the proposed drainage network.
23. The transportation of used oil and the re-refined lube oil and other chemicals shall not cause any nuisance by way of noise and odour to the public and the surrounding environment.
24. The number of parking and the number and dimension of loading/unloading bay required shall be as per the Planning Policy Guidance.
25. The proponent shall ensure that the axle load of trucks entering and leaving the plant compound is in conformity with Road Traffic Regulations. Appropriate measures shall be taken to avoid damage to public roads due to spillage of oil transported by vehicles on the carriageway. Junction of proposed accesses with Main roads shall be improved to provide proper turning radius with adequate visibility splay subject to the approval from the Road Development Authority and Traffic Management & Road Safety Unit. A

programme of works with the commencement and completion dates shall be submitted to the Road Development Authority prior to start of works.

26. No on street parking shall be allowed along the frontage of development on the Cluny- Bananes Main Road. No Reversing of vehicles from and to compound onto the Cluny- Bananes Main Road shall be allowed.
27. Necessary precautions shall be taken during site preparation and infrastructural works so as not to cause any nuisance by way of noise or dust pollution to the surrounding environment.
28. The premises of the facility shall be well fenced and kept free from infestation by rodents and other vermin at all times by implementing appropriate control measures.
29. Fast growing trees shall be planted in rows along the site boundaries including on a strip of the site along the Coriolis Road B86 to screen the site so that it is not visually intrusive. The site shall be properly landscaped with ornamental plants and trees to enhance its aesthetic value and maintained at all times.
30. In case of any environmental nuisances arising from this development, this Ministry may impose additional conditions, which shall be scrupulously observed.
31. 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.