

List of Conditions for Proposed Coastal Adaptation Works Under the Climate Change Adaptation Programme at Mon Choisy Public Beach[ENV/DOE/EIA/1736]

1. Notwithstanding all the other permits and clearances, the following clearances shall be obtained and a copy submitted to the Director of Environment:
 - i. clearance from the Conservator of Forests for felling of any trees on site prior to start of works;
 - ii. authorization from the Ministry of Housing and Lands for the removal and transportation of sand; and
 - iii. clearance from the Traffic Management and Road Safety Unit with respect to transport of materials along the classified road network and material storage sites to ensure safety of road users, especially pedestrians.

All conditions attached therewith shall be scrupulously observed.

2. The development shall be undertaken as per mitigating measures stated in the EIA report and the additional information submitted, unless as otherwise advised herein.
3. For monitoring purposes, the Department of Environment shall be informed in writing of the date of commencement of works and a detailed programme of works shall be submitted to the Director of Environment and the Ministry of Ocean Economy, Marine Resources, Fisheries, and Shipping prior to start of works.
4. An Environmental Monitoring Plan (EMP) shall be prepared and approved prior to start of infrastructural works on site. The proponent shall thereafter submit reports on the implementation accordingly. During the construction phase, monitoring of the marine ecosystem and the lagoonal water quality shall be carried out on a quarterly basis and reports shall be submitted to the Director of Environment with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping. No works shall start prior to the approval of the EMP.
5. The Department of Environment shall be informed in writing of the date of completion of all works on site, for monitoring purposes to ensure compliance with the conditions of the EIA licence as well as the proposals in the EIA report and the additional information.
6. A topographical survey plan showing the old and new high water mark shall be submitted to the Ministry of Housing and Lands for any action deemed appropriate after completion of works on site.

7. At the start of the implementation of the project, necessary measures shall be taken to notify the public of all beach and lagoonal works to be undertaken in accordance with the scheduled programme of works by way of press notice(s) and notice board(s) at the project site.
8. All necessary precautionary measures shall be taken so as not to undermine the safety of beach user's and the residents of the nearby hotels during the coastal rehabilitation works.
9. The reef balls shall be fixed into the seafloor with pilings and deployed in such a manner so as to reduce sinkage into the sand to the satisfaction of the Mauritius Oceanography Institute.
10. The installation of the artificial reef structures and fixed mooring buoys at sea shall be carried out under the close supervision of a Fisheries Officer.
11. All living benthic organisms found within the project site shall be carefully hand-picked and transferred to safer areas of the lagoon in the presence of a Fisheries Officer before the start of the construction works.
12. No waste from the construction works shall have access to the lagoon. All construction wastes shall be carted away and disposed of at an approved waste disposal site.
13. During beach nourishment works, all necessary measures shall be taken to avoid any impact on the surrounding marine biota in the lagoon. Double layered geotextile screens of appropriate mesh size shall be installed around the works area to prevent sediment entrainment into other areas of the lagoon. The geotextile screens shall be regularly maintained during the proposed works.
14. After implementation of the project, all geotextile screens shall be removed and disposed of at an approved disposal site.
15. Any conflict that may arise with coastal users including fishermen of the region prior to, during and after the implementation of the project shall be resolved by the proponent.
16. Reef pins or helix anchors shall be used for the installation of the fixed mooring buoys.
17. No coral, shell or other marine organisms shall be removed or broken from the site.
18. The promoter shall be held responsible for any accident that may occur during the construction works.
19. With regard to the elaboration and implementation of a beach and lagoon management plan in the form of a Voluntary Marine Conservation Area, the promoter shall submit to the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping information on how the project would be implemented, and shall seek authorisation/views from the latter ministry prior to its implementation.

20. If during the implementation of the project, any environmental problem or negative impact ensues, the proponent shall accordingly inform the Department of Environment and the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping immediately and shall redress the harm caused at its own cost and to the complete satisfaction of the Department of Environment and the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping.
21. The reference points for Beach Profile Monitoring (BPM) shall be kept intact so as to allow comparison of results after the rehabilitation works.
22. The installation of the reef structures shall be carried out at low tide and during daytime. No works shall be carried out in case of bad weather conditions. There shall be no dredging of the seabed.
23. The development shall comply fully with all the provisions stipulated in the Forests & Reserves Act. The felling of trees on site shall be done under the supervision of Forest Officers and the value of the forest produce of the trees removed shall be paid to the Forestry Service as per applicable rates. The promoter shall plant thrice the number of trees in replacement of each tree felled. The planted trees/shrubs shall be managed and maintained regularly. The replanting and restoration of the dune as well as maintenance of the landscaped area shall be undertaken as indicated in the EIA report and in consultation with the Forestry Service and the National Parks and Conservation Service.
24. Any public concern or outcry with regard to the felling of trees on the public beach shall be resolved by the proponent.
25. The proponent shall ensure that the sections of the Mon Choisy-Cap Malheureux Road (B13) being used as haulage route are regularly cleaned during the proposed works for the safety of road users. In case the Mon Choisy-Cap Malheureux Road (B13) has suffered any damage during the proposed works due to haulage of materials, the proponent shall carry out road repairs at his own cost to the satisfaction of the Road Development Authority.
26. No parking and reverse maneuvers onto the Mon Choisy-Cap Malheureux Road (B13) shall be allowed by lorries/trucks transporting materials and construction vehicles.
27. The plant and equipment that will be used on site during the construction period shall be regularly serviced and maintained in good condition to minimize risk of air and noise pollution.
28. Necessary measures shall be taken during all phases of the project including site preparation and construction so as not to cause any nuisance by way of dust and noise to the public and surrounding environment.

29. Necessary measures shall be taken to prevent any hydrocarbon spills from vehicles and from the stand-by generator and diesel storage tanks to infiltrate through the soil so as to avoid any hydrocarbon spillage into the lagoon.

EA Division
20 December 2017

