

LIST OF CONDITIONS FOR PROPOSED COASTAL PROTECTION, LANDSCAPING AND INFRASTRUCTURAL WORKS AT ST. MARTIN BY THE MINISTRY OF SOCIAL SECURITY, NATIONAL SOLIDARITY, AND ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (ENVIRONMENT & SUSTAINABLE DEVELOPMENT DIVISION) ENV/DOE/EIA/1792

1. All other necessary permits and clearances from the relevant authorities shall be obtained and a copy shall be submitted to the Director of Environment. All the conditions attached therewith shall be scrupulously observed.
2. The development shall be undertaken as per the mitigating measures stated in the Environmental Impact Assessment (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 on site for monitoring purposes. A detailed programme of works and implementation plans shall be submitted to the Department of Environment and the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping, prior to the start of works.
4. In accordance with Section 18(2)(I) 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 coastal works. The EMP shall include a maintenance plan for the coastal infrastructure. 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. 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, upon commissioning for monitoring purposes and to ensure compliance with the conditions imposed in the approval of the Environmental Impact Assessment (EIA) as well as the proposals in the EIA report and the additional information.
6. An updated survey plan showing the old and new high water mark shall be submitted to the Ministry of Housing and Lands after completion of works on site.
7. Necessary measures shall be taken to notify the public of all coastal works to be undertaken in accordance with the scheduled programme of works by way of noticeboard /signboard at the project site, prior to implementation of the project.

8. Free and unrestricted access shall be allowed to the general public from the sea as well as from the shore.
9. The proponent, in collaboration with the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping, shall hold consultative meetings with the fishers of the region prior to the implementation of the project in view of apprising them of the project and its implications.
10. Any conflict that may arise with the fishers and inhabitants of the region prior to, during and after the implementation of the project shall be resolved.
11. The proposed project shall comply fully with all the provisions as stipulated in Section 25 (Part I) and Section 26 (Part I) of the Rivers and Canals Act.
12. A method statement of the works and a traffic management plan pertaining to the B9 Road shall be submitted to the Road Development Authority and Traffic Management and Road Safety Unit for approval, prior to the starts of works.
13. The layout of access points to the site from the Black River- Savanne Coast Road, B9 Road shall be submitted to the Road Development Authority and Traffic Management and Road Safety Unit for approval, prior to start of works. No reverse manoeuvres onto the B9 Road shall be allowed by lorries/trucks transporting materials.
14. The Traffic Management and Road Safety Unit shall be contacted for appropriate Traffic Signs, prior to start of work. Visibility splay shall be provided at all junctions. Warning signs shall be provided at start and end of project.
15. The approval of the Traffic Management and Road Safety Unit shall be obtained with respect to transport of materials along the B9 Road and material storage sites to ensure safety of road users, especially pedestrians.
16. The lorries/trucks transporting materials shall be loaded (Maximum 10.2 Tonnes per Axle) in compliance with the Road Traffic (Construction and Use of Vehicles) Regulations 2010. Lorries carrying big boulders shall be equipped to provide protection against hazards.
17. The cleanliness of the B9 Road shall be ensured during the construction phase of the project.

18. Monthly monitoring reports of the B9 Road inclusive of roadside amenities along the haulage route shall be submitted to the Road Development Authority. The Road Development Authority reserves the right to request the proponent to reinstate the road at his own cost in case of damage due to the works.
19. Should any traffic/road safety problems arise as a result of the proposed work, the Traffic Management and Road Safety Unit will come up with measures that will be considered necessary and same shall be implemented by the proponent at his own cost.
20. The cross-sections of the proposed extensions to existing cross drain/culverts shall be larger than the existing to cater for future upgrading with a minimum width of at least 1.0m. Culverts that will be underground shall have an access via an openable chimney of adequate size for cleaning purposes. Detailed engineering drawings shall be submitted to the Road Development Authority for approval prior to start of construction of culverts.
21. The culvert end shall be designed with a material to prevent scouring of the beach. Appropriate mesh/nets shall be fixed at the drainage outlets to prevent trash from getting into the sea and for safe access for removal of same.
22. All necessary precautions shall be taken so that the proposed development does not impact negatively on the groundwater and surface water quality, given that the site lies in a region which is considered as permeable.
23. Adequate provision shall be made for the drainage of stormwater off the B9 Road. All drainage infrastructures shall be designed and constructed to the satisfaction of the Savanne District Council, Road Development Authority and the National Development Unit.
24. The rocks to be used for the rock revetment and groyne shall be properly washed and cleaned offsite, prior to being used on site.
25. The site of work shall be properly protected by double-layered geo-textile screens to prevent sediment entrainment into the adjoining lagoon.
26. The marine organisms present within the site of works shall be relocated to other areas not affected by the construction works in the presence of a Fisheries Officer of the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping.

27. The sand grain size shall be taken into consideration for restoration of the small area of beach as very fine, low density grains may be carried away easily.
28. During construction phase all domestic wastewater shall either be collected in a retention tank and carted away to Wastewater Management Authority approved disposal site or all wastewater shall be channelled to a septic tank of minimum volume of 3m^3 followed by a leaching field of minimum plan surface area of 20m^2 . The latter shall be designed and located as per Planning Policy Guidance (PPG) of the Design Guidance On-Plot Sewage Disposal.
29. Construction wastes (e.g. boulders) shall be reused as backfill material. All other construction debris shall be carted away and disposed of at an approved waste disposal site.
30. No waste of any type shall be disposed into the sea.
31. No work shall be carried out in case of bad weather conditions.
32. The activities shall be confined to normal working hours, only except for vehicles transporting materials to the site which shall operate during off-peak hours.
33. The noise level shall be within the permissible limits as per the Standards for Noise promulgated under the Environment Protection Act 2002 (as amended).
34. Necessary measures shall be taken during all the phases of the project, including site preparation and construction so as not to cause nuisances by way of noise, vibration, dust and air pollution 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.
35. In case of removal of trees/plants, the proponent shall ensure that they are replaced by endemic trees/plants and also the site (landwards) shall be enhanced with other appropriate endemic plants adapted for coastal conditions and preventing erosion, thus making the site greener.

