

PROPOSED construction of a treatment plant and collection network under phase 2 of the grand baie sewerage project by the wastewater management authority(env/12/1474)

1. All other necessary permits/clearances from the relevant authorities shall be obtained including drilling permit for the new boreholes and monitoring wells from the Water Resources Unit 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. The development shall be undertaken as per the mitigating measures stated in the EIA report and those proposed in 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 detailed programme of work shall be submitted to the Road Development Authority and Department of Environment, Ministry of Environment and Sustainable Development prior to the start of works.
4. In accordance with EPA 2002 section 18 2(L) the proponent shall submit to the Department of Environment an environmental monitoring plan for approval prior to start of works. The proponent shall thereafter submit the reports on the implementation, accordingly.
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 and to ensure compliance with the conditions of the EIA licence as well as the proposals in the EIA report.
6. The exact positions of the proposed injection boreholes and monitoring wells shall be clearly indicated on a location plan of appropriate scale and shall be to the satisfaction of the Water Resources Unit. Copy of the approved plan shall be submitted to the Director of Environment.

7. Consultations shall be held with the Irrigation Authority so as to identify mains, infield networks, centre pivots etc prior to undertaking any crossing underneath buried services such as irrigation pipes.
8. The WMA shall settle all acquisition issues with respect to the pumping stations proposed on private properties.
9. All solid waste shall be properly collected and disposed of to the satisfaction of the Local Authority.
10. The WMA shall ensure that the eventual use of the wastewater treatment sludge as a soil conditioner for non-food crops does not represent a source of contamination to the underlying aquifer.
11. Mitigating measures shall be taken to minimize dust and noise nuisance during construction works in inhabited areas. The proponent shall avoid working at night, in order to avoid public disturbance.
12. Odour minimizing measures including odour control devices shall be incorporated at the Wastewater Treatment Plant to minimize odour emanation.
13. Pumps, generators and other noise generating equipments shall be enclosed in soundproof enclosures such that noise level there from are within permissible limits as prescribed under the Environment Protection (Amendment 2008) Act.
14. The proposed project shall comply with all provisions of the Ground Water Act.
15. The quality of the final effluent to be discharged into infiltration boreholes and used for irrigation purposes shall comply strictly to the standards set for

discharge to the underground and on land as per the regulations made under the Environment Protection Act.

16. The WMA shall ensure that the treated effluent to be injected in the boreholes will not cause any adverse impact on its surrounding (i.e. the lagoon and groundwater) as a result of the concentration of the chemical/biological content of the injected treated effluent. The monitoring wells shall be properly located and regular testing be carried out by the WMA to monitor effectively the underground water quality and migration of the chemical/biological content.
17. The WMA shall take into consideration any risk of the movement of the injected effluent towards existing pumping stations located in the same aquifer system during dry season where there is a reduction in the aquifer recharge.
18. The WMA shall make provision for the monitoring of the groundwater quality in the vicinity of the injection borehole as well as CWA pumping station so as to ensure that same is not contaminated due to the increase in discharge of the treated effluent in the aquifer.
19. Necessary measures shall be taken for the evacuation of surface runoff at the treatment plant as well as the pumping stations so as to avoid any flooding of the sites and adjoining areas.
20. Approval shall be sought from the relevant Highway Authorities prior to excavation works along any road.
21. The works shall be done in strict compliance with the "Conditions for Authorization for the laying of pipes, ducts and cables" of the RDA or any relevant Authorities prior to start of works.

22. The WMA shall ensure that a proper management plan for road safety and traffic deviation is submitted for approval to the relevant Authorities prior to start of works.
23. No pumping station shall be allowed at the Trou aux Biches public beach. An alternative site shall be identified in consultation with the Beach Authority and the Local Authority.
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.