



Kim White
Aurecon

Kim.White@aurecongroup.com

Fax: 021 526 9500
Tel. 021 526 6013

COMMENTS: Waste Management Licence process for the Decommissioning and rehabilitation of the Stellenbosch Landfill Site. Draft Basic Assessment Report (DBAR)

The above-mentioned documentation was not delivered to the Directorate: Pollution and Chemicals Management as requested (D: PCM) and a hard copy was sourced from another unit. It is important to impress that the D: PCM must be included in all EIA applications. After review of the application, the following needs to be addressed.

1) Water Management

- a) The waste facility depicted as Cell 1 is listed as being unlined but with a seven meter HDPE forming a barrier between the site and the Veldwagters River. Please explain if the depth of the HDPE curtain is seven meters from the surface level and please provide width of the impermeable barrier;
- b) It is your conclusion (page 18) that, even though there is an impermeable vertical barrier between Cell 1 and that Cell 2 is underlined by an impermeable clay foundation, these two cells are contributing to the contamination of the underlying aquifer. Please explain what additional steps are to be taken to mitigate further contribution of pollutant (leachate) to the ground water resource (after decommissioning);
- c) The design of the storm water facility is not clear. Please explain drainage system to divert 'clean' storm water, stratified from 'contaminated' i.e. storm water emanating from the land-fill proper and directed to the Veldwagter River and WWTW respectively? This is especially relevant in view of the shallow groundwater (inteflow) levels which could/will exacerbate the already compromised river;

d) The Directorate agrees that the boreholes (active and undamaged) and the Veldwagter River must be sampled twice a year. The SANAS accredited laboratory results must be made available to the D: PCM on request.

If needed, please contact Zayed Brown.

Yours faithfully,



Wilna Kloppers (Mrs.)

Director: Pollution and Chemicals Management

Date: 25 June 2015