

 EnviroSci (Pty) Ltd Reg Number 2018/462716/07	Dr Brian Colloty Ecologist (Pr Sci Nat 400268/07) Member of the South African Wetland Society	
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AQUATIC OPINION – PROPOSED PHOTOVOLTAIC PROJECTS ON THE REMAINING EXTENT OF FARM YORK A 279 NEAR HOTAZEL IN THE NORTHERN CAPE

This letter confirms that I was lead author (on behalf Scherman Colloty and Associates) for the Aquatic Opinion submitted for the proposed Hotazel Solar PV Energy Facility. This Opinion was provided to Cape EAPrac in a letter dated 12 July 2018, where the following outcome was presented:

The figure below indicates the locality of the Hotazel Solar project in relation to water bodies identified in the studies above and contained within any National databases (e.g. National Wetland Inventory ver 5.2 2018) within the study region.

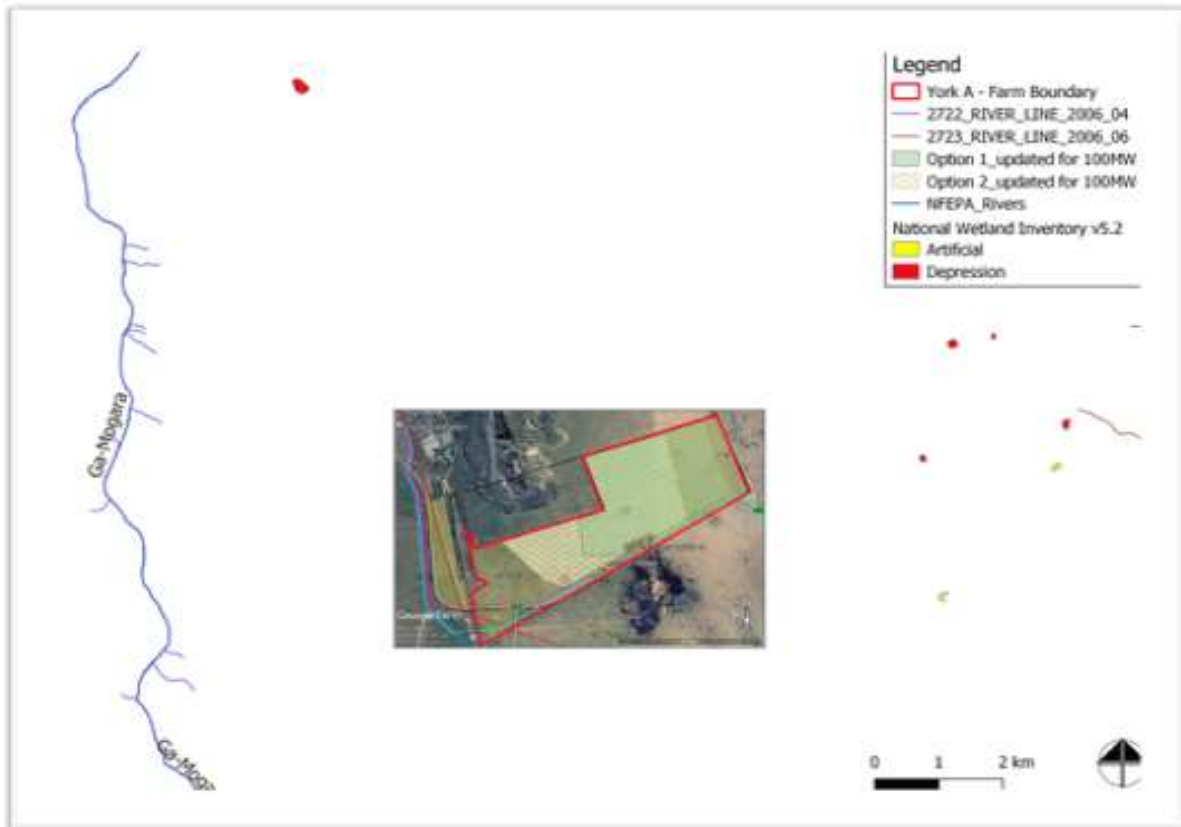


Figure 1: The study area and project component alternatives, and any waterbodies identified within previous studies, available databases and 1:50 000 spatial data.

The site contains no aquatic elements and is not connected to any within the regional catchment (D41K – Ga-Mogara River).

The following figure indicates the Northern Cape Critical Biodiversity Areas, which substantiates that no aquatic related areas are associated with the study area.



Figure 3: The property in relation to Northern Cape Critical Biodiversity Areas (Holness & Oosthuysen, 2016).

Lastly it was determined that the site and associated infrastructure, regardless of the alternatives or options, would not have any direct impact on local or regional aquatic waterbodies. This included, rivers, springs, depressions and floodplain wetlands.

It is however recommended that best practice principles are still applied with regard to the prevention of any erosion and sedimentation through the provision of adequate stormwater management, as well as that the proponent must make allowance for water conservation principles to reduce the water demand of the project (i.e. rain water harvesting as intended).

This letter serves to confirm that the findings detailed in the letter of 12 July 2018 apply equally to the amendments of Hotazel Solar and the development of Hotazel 2 on the Remaining Extent of York A 279.

Yours Sincerely

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