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WATER AND WASTE DIRECTORATE

Michael John Webster

Executive Director: Water and Waste

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CCT Ref: 17/2/1/1

01 April 2020

Regional Head: Department of Water and Sanitation

Voortrekker Road
BELLVILLE
7535

(Attention: Mr. Rashid Khan)

Dear Sir

REQUEST TO CHANGE AUTHORISED PIPELINE ROUTE, AS PER WATER USE LICENSE (NO: 01/G40A/CI/9068): GROUNDWATER DISTRIBUTION AND DISCHARGE INFRASTRUCTURE IN STEENBRAS (TABLE MOUNTAIN GROUP AQUIFER PROJECT

The Water Use Licence (WUL) (NO: 01/G40A/CI/9068), issued to the City of Cape Town (CCT) by the Department of Water and Sanitation (DWS), refers.

The CCT, advised by appointed specialists (Freshwater and Botanical), would like to request alternative routes. The specialists undertook a sensitivity analysis of both these new alternatives and in both cases, these routes are preferable from a river and wetland ecological perspective. The alternatives and results from the sensitivity analysis are as follows:

- a) MU 15 (old route) would be replaced by MU 18 (new route) – **Appendix A**
 - MU 15 goes through an extensive Berzelia wetland that is in a good condition and of high Ecological Importance and Sensitivity (EIS).
 - Although the alternative (MU 18) runs through wetland, the pipe would be situated in the already disturbed firebreak habitat and would traverse a much smaller extent of wetland habitat.
 - The most sensitive area along this route is however the river crossing.
 - The engineers have confirmed that they can span the entire channel and its riparian fringe without having to place plinths within these sensitive habitats.
- b) MU 17 (old route) would be replaced by MU 17alt (new route). – **Appendix B**
 - the alternative route by-passes the wetland to the west that would have been intersected by the original proposed route.

DWS-Steenbras 21 ci_Motivation to change pipeline route_1April2020

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Considering that these two alternative routes are preferred from a freshwater ecological perspective, CCT would like to propose that these routes replace the original routes authorised under the section 21 (c) and (i) WUL. Should the DWS agree, we request that written approval be granted to the CCT.

Please notify me urgently should any aspect of this request require discussion. The directorate is committed to ongoing engagement with the Department.

Yours faithfully

 Digitally signed by
Michael John
Webster
Date: 2020.04.01
11:23:45 +02'00'

MICHAEL JOHN WEBSTER
Executive Director: Water & Waste

Appendix A: MU15 – authorised route as per current WUL no: 01/G40A/CI/9068



DWS-Steenbras 21 ci_Motivation to change pipeline route_1April2020

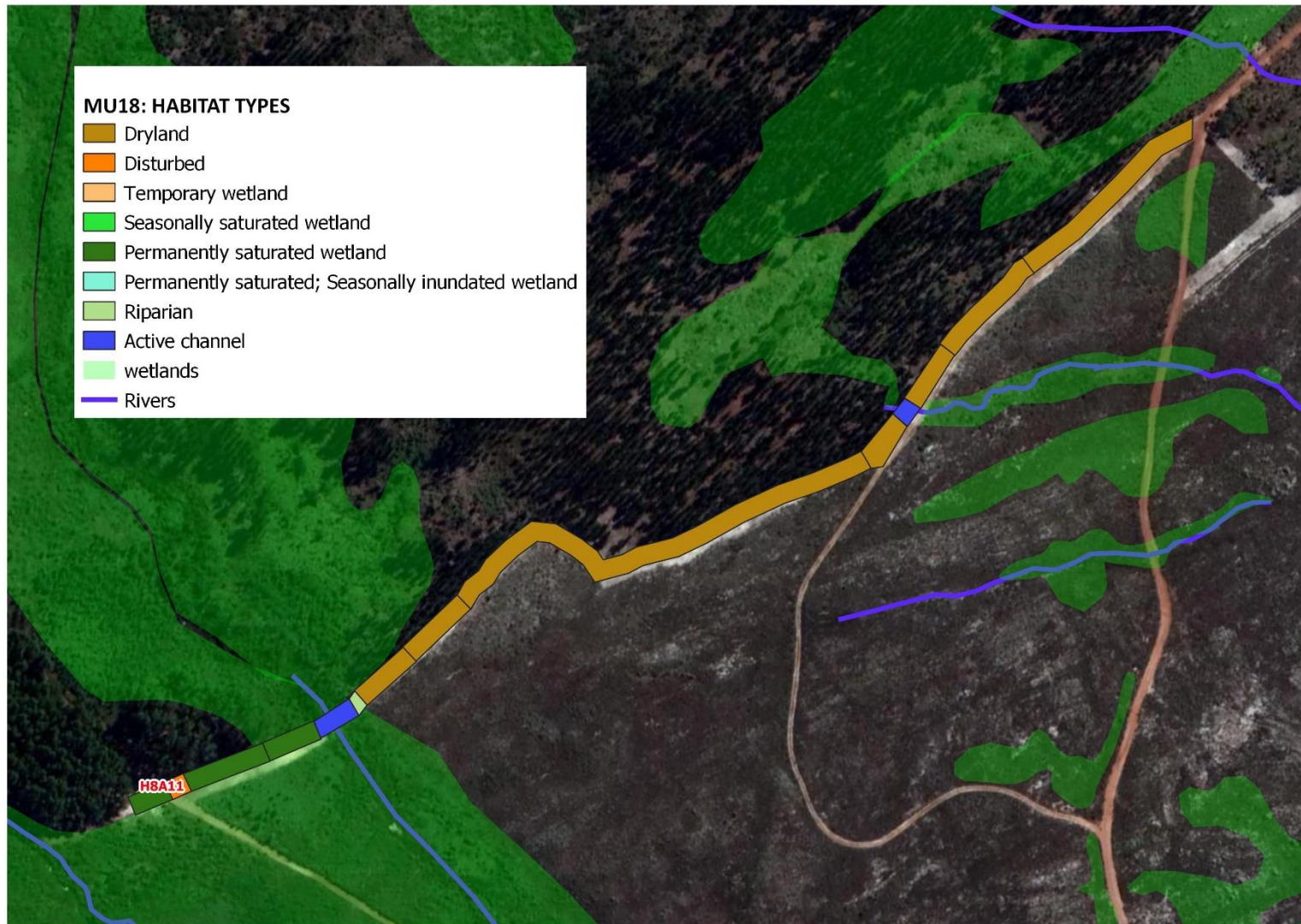
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MU18 – proposed new route



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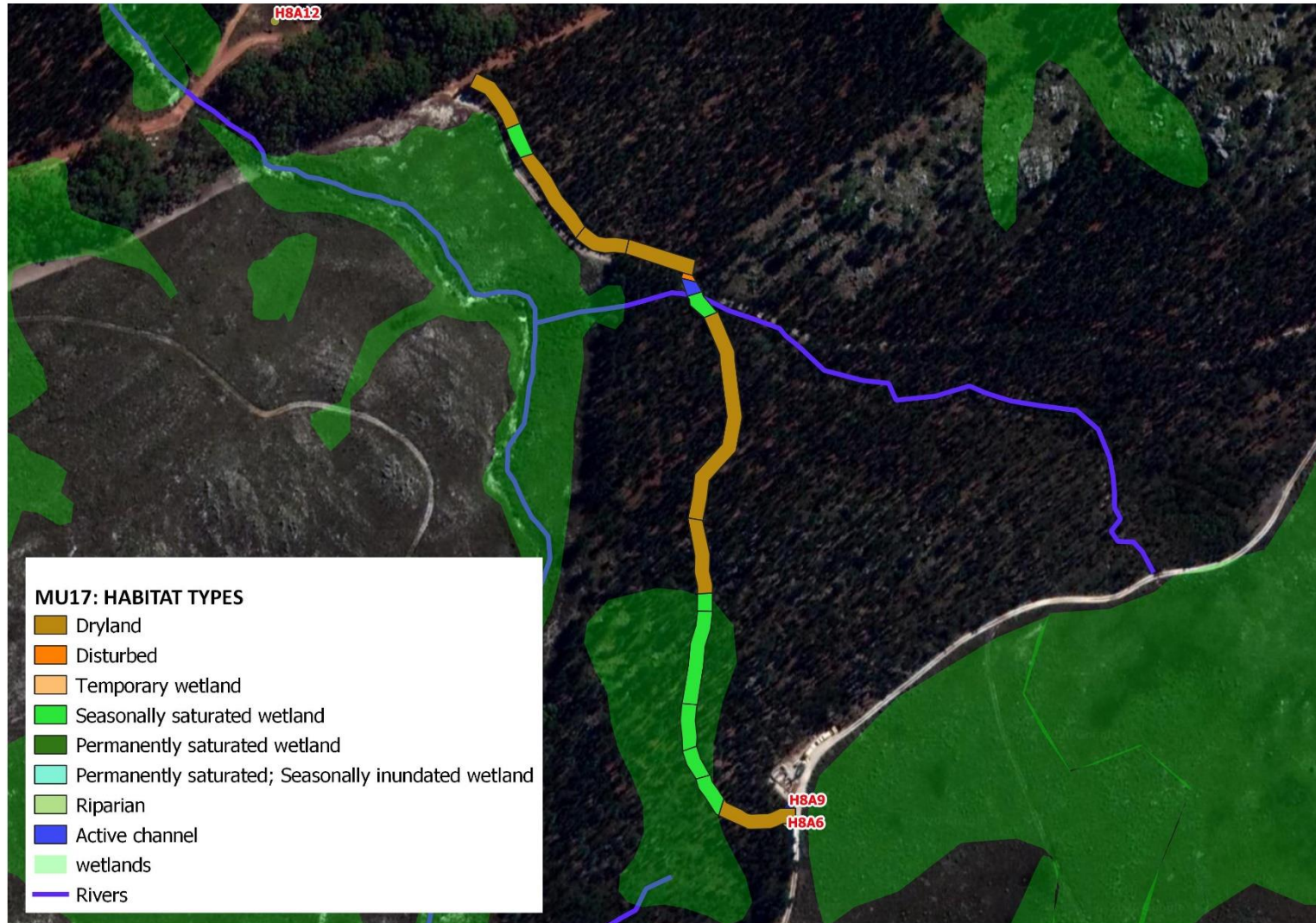
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Appendix B: MU17 – authorised route as per current WUL no: 01/G40A/CI/9068



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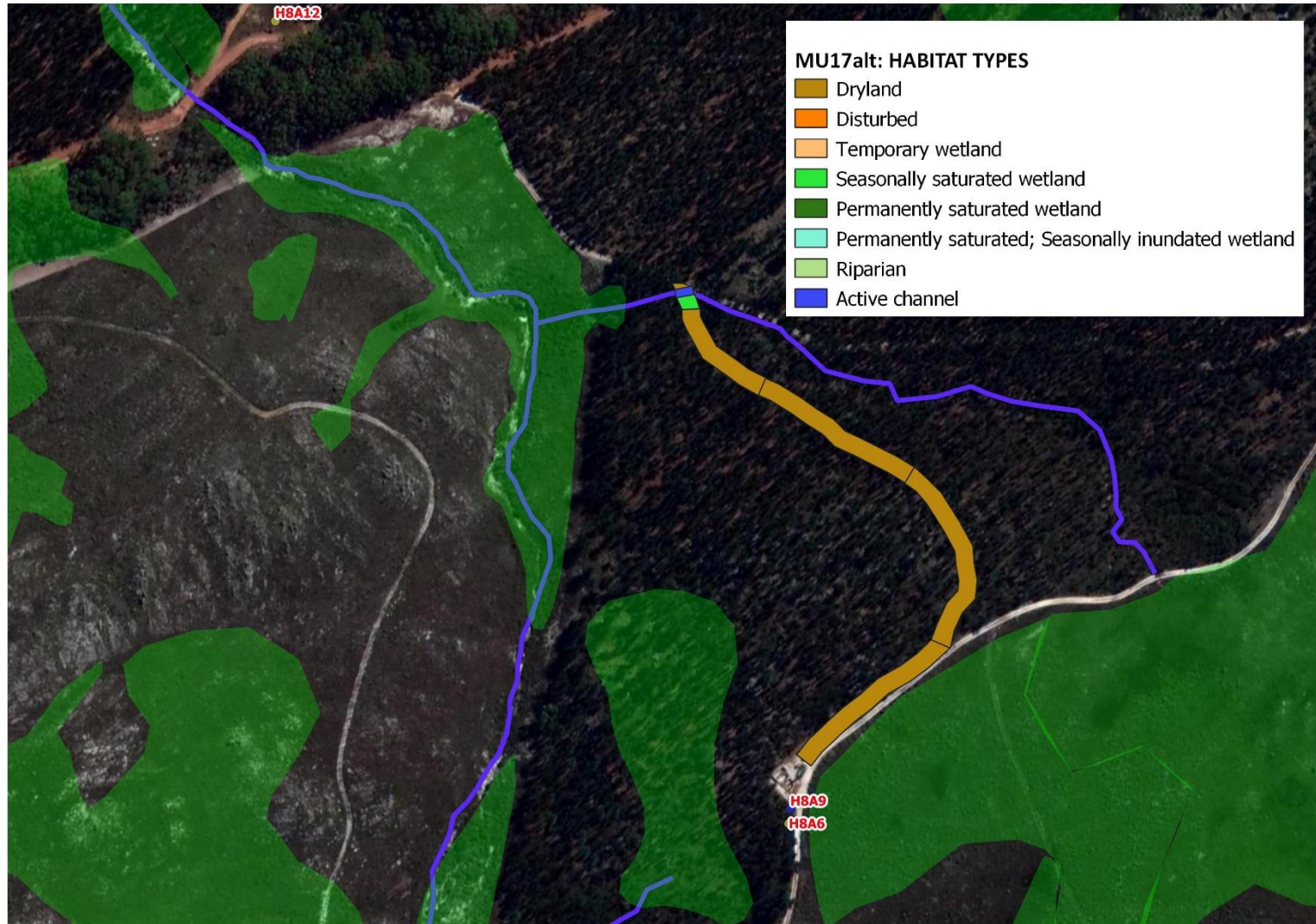
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MU17alt – proposed new route



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