CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

18 March 2019

NEW AUGMENTATION : GROUNDWATER : CAPE FLATS AQUIFER

WATER & WASTE DIRECTORATE – WATER & SANITATION DEPARTMENT
Marcel Woodman

Making progress possible. Together.

CAPE TOWN AND SURROUNDS - AQUIFERS

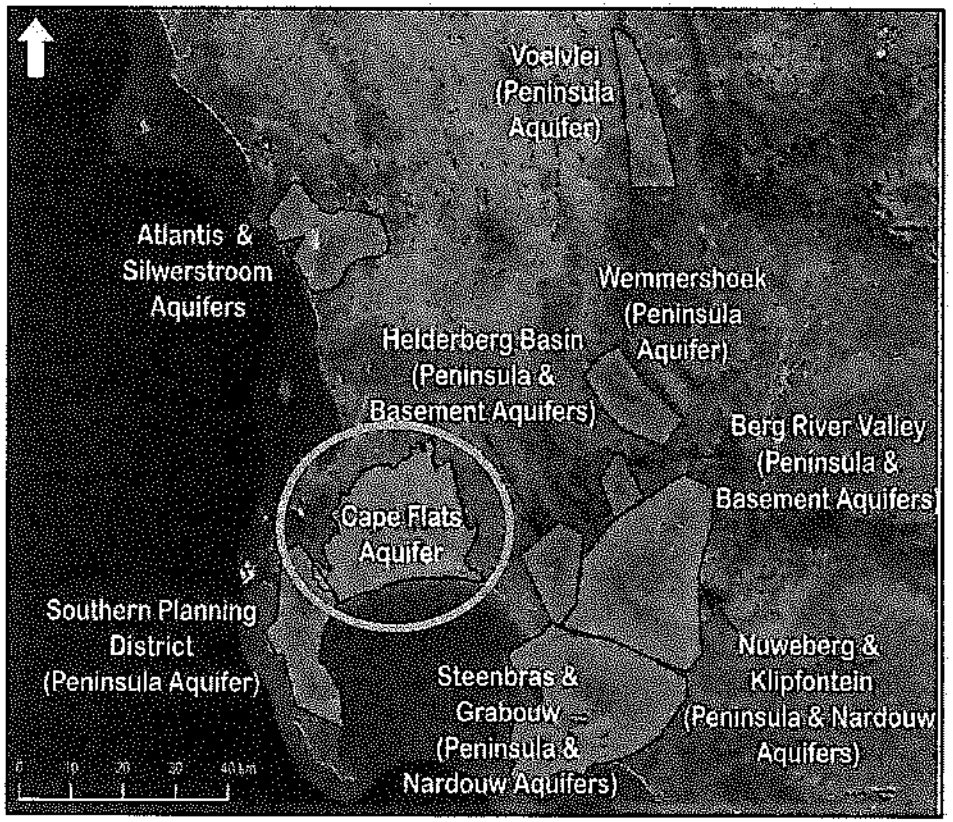
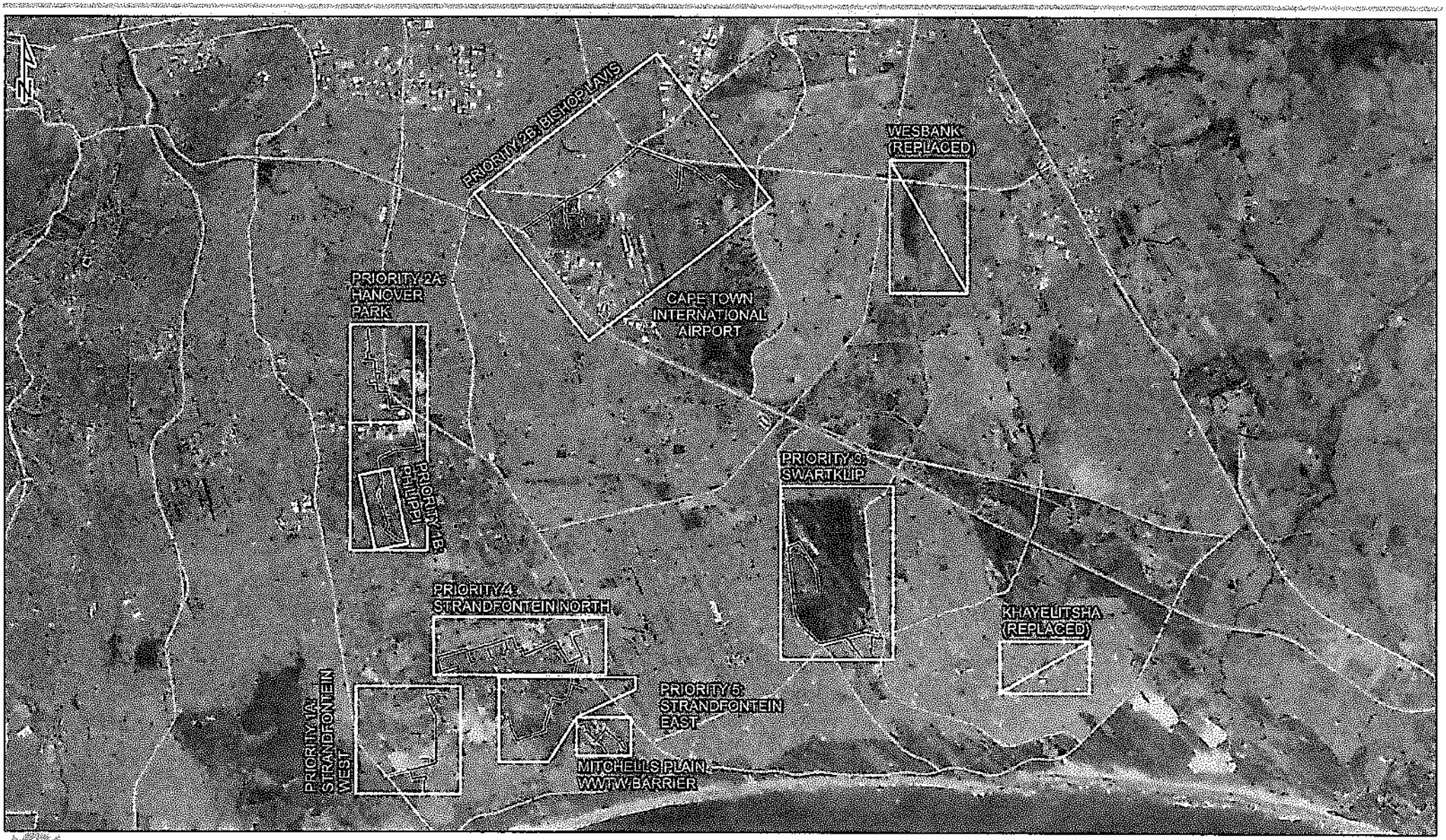


Figure 1-6 Nine projects identified by the CoCT to target groundwater resources in their Water Resilience Plan

Adjusted WULA volumes

Project/Aquifer	Phase 1 (hm^3/a)	Phase 2 (hm^3/a)	Phase 3 (hm^3/a)
CFA	20	25	30
Atlantis & Silwerstroom	14	20	29
SPD	8	12	14
Helderberg Basin	3.6	5.5	7.3
Berg River Valley	3.6	5.5	7.3
Steenbras	12	20	35
Nuweberg & Klipfontein	10	31	56
Wemmershoek	2	3	3
Voelvlei	3	6	6
Total	76	128	188

CAPE FLATS AQUIFER (CLUSTER LAYOUT)



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CFA GROUNDWATER – COMBINED BOREHOLES



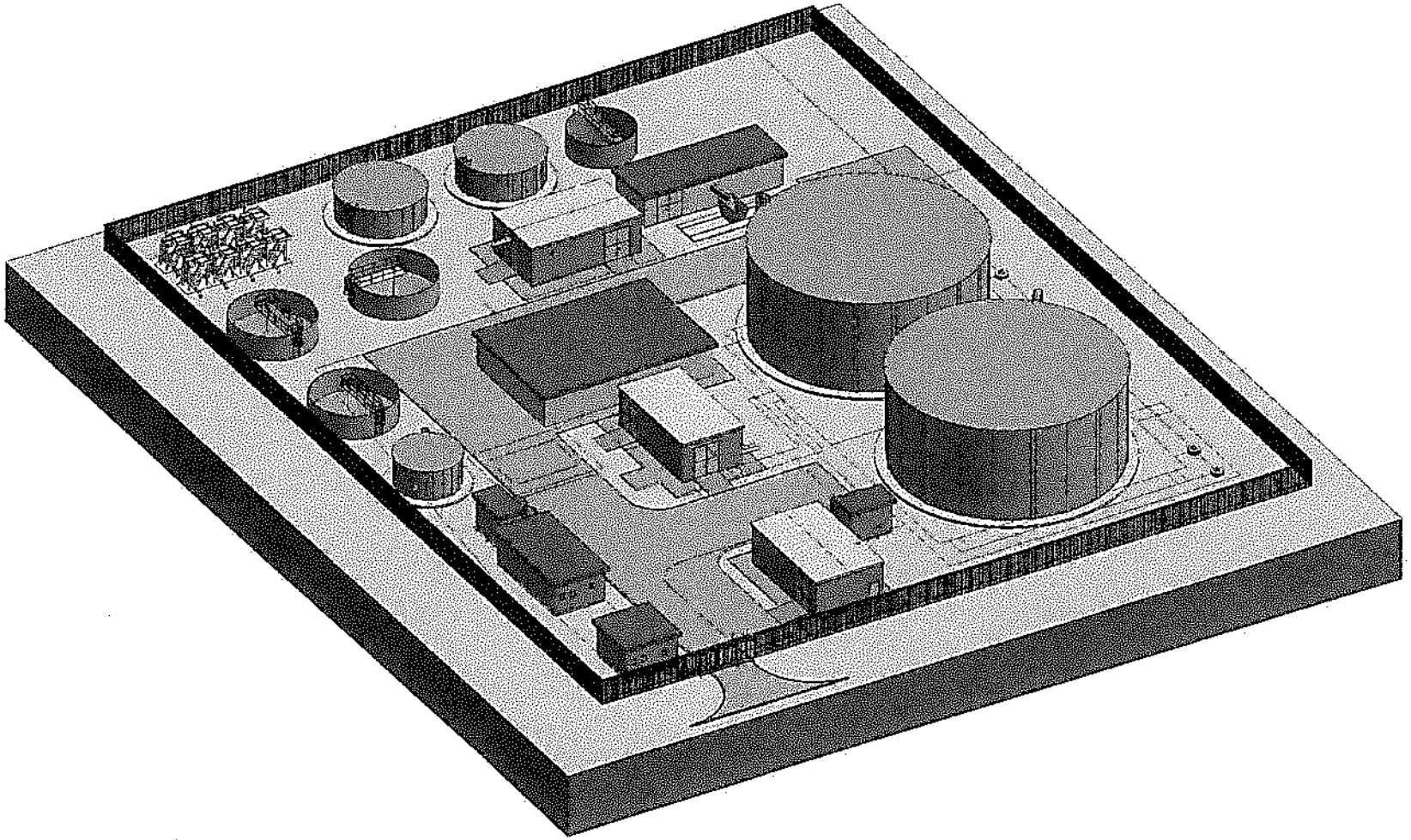
SWARTKLIP CLUSTER – 2, 5, 5 Mℓ/d



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FUTURE SWARTKLIP TANK AND PUMP STATION SITE

Conceptual site layout



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Thank You

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Sharon B Makhuleni

From:	Dawida Marais
Sent:	Tuesday, 09 April 2019 14:35
To:	Sharon B Makhuleni; Sharon Vester; Shehaam Kellerman; Shireen Maggott; Shirley Alexander; Shirley Lumkwana; Shiyaam Williams; Sibongile Mbele; Sibusiso Mayekiso; Siceło Nkohla; Simon Phankisa; Siphokazi Masika; Siphokazi Miniwe; Sisa Ngondo; Sophia Rhoshanda Peters; Stacy Kroukamp; Sydney Ndzongo; Sylvia Nontobeko Mendze
Cc:	Dawida Marais
Subject:	Dawida Marais has invited you to 'Urban Management Gift Register'

The Urban Management Gift Register Site has been created. Only you and Abeada Taylor from the Office of the Executive Director (ED) will see your gift entry. Abeada Taylor will draw the quarterly report on behalf of the ED for submission to the City Manager. When adding a gift, follow this steps. Under Documents on the left side of the page, click on Gift Register. Click on New Item, complete the form and save.

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