



**SUPPORT TO THE CONTINUATION OF THE WATER RECONCILIATION STRATEGY
FOR THE WESTERN CAPE WATER SUPPLY SYSTEM**

ADMINISTRATIVE AND TECHNICAL SUPPORT GROUP MEETING #3

DATE: 4 FEBRUARY 2014

TIME: 08H30 – 12H30

VENUE: WORLEYPARSONS, BELLVILLE – BOARDROOM

CHAIR: ISA THOMPSON, DWA D:NWRP

ATTENDEES:

NAME		AFFILIATION	
Isa Thompson	IT	DWA D:NWRP	Study Manager
Fanus Fourie	FF	DWA D:WRPS	Groundwater
Anneke Schreuder	ASch	DWA RO Bellville	Berg WMA
Mike Smart	MS	DWA RO Bellville	Hydrogeology
Bertrand van Zyl	BvZ	DWA D:NWRI	
Zolile Basholo	ZB	City of Cape Town	WC/WDM
Collin Mubadiro	CM	City of Cape Town	WC/WDM
Bayanda Zenzile	BZ	DWA RO Bellville	
Paul Rhode	PR	City of Cape Town	Bulk Water
Mogamat Shahied Solomon	MSS	City of Cape Town	WC/WDM
Rowena Hay	RH	Umvoto Africa	Study Director
Kornelius Riemann	KR	Umvoto Africa	Study Leader
Jaco Human	JH	Worley Parsons	Team Leader
Gerrit van Zyl	GvZ	Consultant	PSP team member

APOLOGIES:

NAME		AFFILIATION	
Jenny Pashkin	JP	DWA D:WRPS	Systems Operation
Pieter Viljoen	PV	DWA D: WRPS	Water Quality
Derril Daniels	DD	DWA RO Bellville	Berg WMA
Wilna Kloppers	WK	DWA RO Bellville	Resource Protection
Penina Sihlali	PS	DWA RO Bellville	RBIG
Jan van Staden	JvS	BOCMA	
Simpiwe Mashicila	SM	DWA RO Bellville	Water Sector Support

MINUTES

ITEM	DETAIL	ACTION	TIME
1	Welcome and Introduction IT welcomed everybody to the third ATSG meeting.		
2	Attendance and Apologies		
2.1	Attendance and Apologies The attendance at the meeting, as listed above, was noted in the attendance register. Apologies were noted (see above).		
3	Minutes of ATSG #2		
3.1	The minutes of the ATSG meeting #2 of 5 September 2013 were accepted with the following changes: <ul style="list-style-type: none"> - Attendance register: Abbreviation for Anneke Schreuder should be ASch throughout the minutes; - Page 7: correct spelling of Pieter Viljoen's name IT signed the approved minutes. A scanned version of the signed minutes will be made available for the project website.	PSP	
3.2	Matters arising All matters arising from the minutes have been addressed or will be covered under the agenda items.		
4	Technical Support		
4.1	Cape Flats Aquifer Situation Assessment RH presented the findings and recommendations from the Cape Flats Aquifer Situation Assessment, undertaken by Umvoto. Presentation notes are attached to the minutes. The presentation and recommendations were well received. ZB stated that most of the elements should fall under the ambit of the City and that the WC/WDM sub-directorate is willing to coordinate the activities by the City. It was agreed to hold a dedicated workshop to discuss the different elements of the sensitive development and management of the Cape Flats Aquifer by early March 2014. Roleplayers to be involved in the longer-term programme include: <ul style="list-style-type: none"> • City of Cape Town – Stormwater Management • City of Cape Town – Catchment Management • Working for Wetlands • DEA&DP • BRIP • Berg CMA BvZ suggested including the organised farmers in the workshop. Some Phillipi Farmers moved to Joostenbergvlakte for security and water quality reasons. There is competition for use due to declining water levels. Groundwater abstraction also results in drying out of wetlands. FF stated that the aquifer stratification needs to be considered. CCT should also follow other municipalities in using poorer groundwater quality for industrial usage.	ZB PSP / ZB	

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ITEM	DETAIL	ACTION	TIME
5.2	Water re-use feasibility study PR reported that good proposals for the water re-use study have been received. The City will recommend the appointment of a PSP to the Bid Committee in March. IT suggested that the appointed PSP should report back at the ATSG meetings. It was also agreed that the Cape Flats Aquifer Situation Assessment Report will become an input to the Aquifer Storage and Recovery (ASR) component of the water re-use study.		
5.3	Desalination feasibility study PR said that Eskom has given permission for a pilot desalination plant to be located at Koeberg. Currently, WorleyParsons updates the final report. It was agreed that PR will provide verbal feedback at the SSC meeting in April. A presentation and full feedback is scheduled for the SSC meeting in October 2014.	PR	Apr 2014
5.4	TMG Aquifer feasibility study PR reported that the City still intends to go forward with the Pilot Phase of the study. Preliminary discussions were held between the CCT and the TMGA Alliance regarding the options for going forward. PR stated that he will meet with the Director Water and Sanitation within February and will give an update of the discussion and decision at the next SSC meeting in April. IT requested that costs and timelines are updated for all relevant projects for the SSC meeting in September latest.	PR PSP	Apr 2014 Sep 2014
5.5	Others RH noted that public engagement was/is part of the study progress on other studies, but not for the TMGA. Failure to re-initiate the TMGA Study will result in the TMGA being excluded by default, as the adequate and required level of data will not be available. PR reported that the tender documentation for the Lourens River have been drafted and will be out shortly. Appointment of a PSP is expected by September. He will provide an update at the September SSC meeting. He noted that the Lourens River Diversion is a long-term option with challenges as it is within an urban catchment. The study is required to have sufficient information on the table for making a decision on this option.		
6	Progress with current studies: DWA		
6.1	Surface water schemes IT reported that the feasibility study is completed and the reports are finalised and available. The Voëlvlei Augmentation Phase 1 scheme came out favourable in the feasibility study. This would bring an additional 23 million m ³ /a to the WC WSS (instead of the 35 million m ³ /a originally envisaged). KR noted that it was anticipated to make the PSP appointment for the EIA in October 2013. IT will ensure that a report is given at the SSC meeting.	IT	Apr 2014
6.2	Langebaan Road Aquifer Artificial Recharge scheme FF stated that the appointment process for this study has changed and that DWA currently investigate the possibility to use the MOU between DWA and the CSIR. He anticipates the study to start in May, if all goes well with the new process. He will provide feedback at the September SSC meeting.	FF	Sep 2014

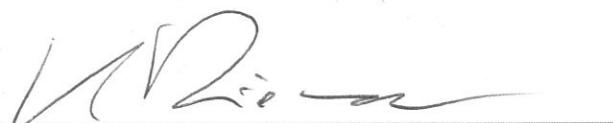
ITEM	DETAIL	ACTION	TIME
6.3	<p>Real-time Decision Support System</p> <p>IT said the study is close to completion and a pilot is already underway. The website access will be available shortly. She said that a presentation at the SSC meeting would be needed to show how the DSS is being used, as it is very relevant to the system.</p> <p>BvZ mentioned that the real-time Hydro information is not always working or correct. The user of the data needs to have knowledge and cannot take the data/information at face value for operational decisions; e.g. there are 2 recorders at Misverstand Dam, but the data from Hydro is wrong and the person on the ground cannot read the gauge correctly; so BvZ uses alternative sources of data. He suggested that some Hydro stations need to be operational stations for data and information management and data quality control.</p>	IT	Apr 2014
6.4	<p>Annual Drought Operating Rules</p> <p>IT mentioned that there is no need for restrictions this year as there is still a lot of water in the system this summer. GvZ added that dams will most likely spill earlier this year if good rains are received and that farmers will need to move their pumps before the flooding.</p>	JP	
6.5	<p>Berg River water quality</p> <p>ASch stated that a new report on the Berg River water quality has been completed by end January. Aurecon has done a study of water quality of all industries within 2 km of the Berg River and their potential impact on the Berg River's water quality. All reports are made available on the Water Quality Task Team web site (www.brwqtt.co.za).</p> <p>JH mentioned that the West Coast DM has done a report on the impact of salinity in the Berg River. He will give a copy to ASch so she can get it onto the brwqtt website.</p> <p>IT mentioned that the current Green Cape study under the auspices of DED&T falls under the BRIP. They want to ensure that there is sufficient water in the supply system to cater for the planned developments at Saldanha around the IDZ and beyond.</p> <p>PR voiced his concern that the Green Cape study, doing an assessment of water resources to the supply area, clashes with the WC WSS Reconciliation Strategy Study. DWA and the CCT have concerns that this study is being duplicated. PR stated it is needed to avoid different recommendations and plans. IT stated that Green Cape is organising a workshop on 24 February to discuss these issues. The Green Cape have asked for a presentation by the DWA, West Coast DM and CCT. It was agreed to give one presentation from the WCWSS Reconciliation Strategy ATSG. IT agreed to give the presentation.</p>	JH / ASH	
6.6	<p>Others</p> <p>IT requested input from the members on current relevant WRC studies. The following were mentioned:</p> <ul style="list-style-type: none"> K5/2208: An investigation into the social, institutional and economic implications of reusing reclaimed wastewater for domestic application in South Africa 	IT	Feb 2014

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	<p>ZB added that he would need communication from DWA that the outdated Framework be formally extended. JH suggested that he refers to the Water Services Act which informs the legality of the WSDP. However, the WSA does not cover in detail the interface with the IDP whereas the Framework did do this, and this allowed officials to insist on portfolio committees (Politicians) doing what is required in terms of the law.</p> <p>IT said that the National Water Act and Water Services Act are being reviewed and consideration be given to combine them into one. This would cut out duplication and resolve grey issues that exist within and between the two.</p> <p>PR stated that the Water Sustainability Action Plan, driven by DEA&DP, is gaining momentum. ZB suggested that DEA&DP does not have the competencies for water and that DWA is not on board. IT responded that DWA are doing good work but that DWA was pulled out of this process by R Kahn at one stage. They are however again involved. She agreed that much stronger input from DWA is however needed.</p>		
8	<p>Next meeting of ATSG and Closure</p> <p>The date for the next SSC meeting was confirmed as:</p> <ul style="list-style-type: none"> • 9 April 2014 <p>The next meeting of the ATSG was provisionally set for the 6th or 7th of May 2014. Week of 12th May was also considered. Date will be confirmed</p> <p>IT closed the meeting at 12:30 for a light finger lunch.</p>	PSP	

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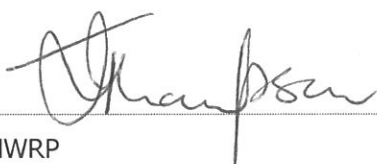


Umvoto Africa

19 May 2014

Date

SIGNATURE DEPARTMENT OF WATER AFFAIRS



D: NWRP

19 May 2014

Date

DISTRIBUTION LIST:

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Mike Smart	MS	DWA RO Bellville	
Nicolette Vermaak	NV	DWA RO Bellville	
Bertrand van Zyl	BvZ	DWA D:NWRI	
Jan van Staden	JvS	BOCMA	
Catherine Bill	CB	DEA&DP	
Barry Wood	BW	City of Cape Town	Bulk Water
Paul Rhode	PR	City of Cape Town	Bulk Water
Peter Flower	PF	City of Cape Town	Bulk Water
Zolile Basholo	ZB	City of Cape Town	WC/WDM
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ATTACHMENTS:

- Presentation Notes