



PROJECT INFORMATION	
CLIENT	DEPARTMENT OF WATER & SANITATION
PROJECT	SUPPORT FOR THE IMPLEMENTATION AND MAINTENANCE OF THE WATER RECONCILIATION STRATEGY FOR THE WESTERN CAPE WATER SUPPLY SYSTEM
PROJECT NUMBER	WP 11179
CONTRACT NUMBER	1/2/4/122/2017/18
MEETING	ADMINISTRATIVE AND TECHNICAL SUPPORT GROUP (ATSG) MEETING #1
DATE	8 MARCH 2018
VENUE	WC DWS REGIONAL OFFICE 62 Voortrekker Road, Spectrum Building, Bellville, Boardroom – 2nd Floor, Room 223
TIME	9:30 AM
DOCUMENT	MINUTES

ITEM	DESCRIPTION	Action
1	WELCOME AND ATTENDANCE Mr P Mlilo welcomed all to the first Administrative and Technical Support Group (ATSG) meeting on the WC WSS Reconciliation study.	
1.1	Present Refer to attached attendance register in Appendix A	
1.2	Apologies Apologies were received from the following: W Kloppers Willie Enright Nic Faasen Bertrand van Zyl	

	<p>Dr Smangele Mqguba</p> <p>Dr Chris Moseki</p> <p>Esther Lekalake</p>	
2	<p>ADDITIONS/CHANGES TO THE AGENDA</p> <p>The agenda was approved with the following amendments:</p> <ul style="list-style-type: none"> • Addition of 3.1 – Purpose of meeting • Addition of 3.2 – Discussion of ToR for the ATSG • Addition of 3.3 – Presentation on background of study • Change item 4 to read Feedback from Stakeholders • Under item 4.2 – Presentation by City of Cape Town on the water savings and demand management initiatives. • Under item 4.3 – Presentation by City of Cape Town on the present system operation. 	
3	<p>BACKGROUND AND PURPOSE OF MEETING</p>	
3.1	<p>Purpose of Meeting</p> <p>The purpose of this meeting was to introduce the 3rd phase of the Implementation and Maintenance of the Reconciliation Strategy for the Western Cape Water Supply System after a long layoff period and allows for the reconstitution of the Administrative and Technical Support Group.</p> <p>It also provides the opportunity to introduce the DWS Management and PSP support on the study.</p> <p>The study is being managed by the Directorate National Water Resources Planning headed by Mr Patrick Mlilo and supported by Mr Tendai Makombe, who is standing in after the retirement of Mrs Isa Thompson.</p> <p>The PSP support will be undertaken by the NFM Multi Consulting / Tlou Consulting Joint Venture in association with Aurecon SA.</p>	
3.2	<p>ToR for the ATSG</p> <p>Mr Makombe provided an overview of the ATSG and their roles and responsibilities. A copy of the Terms of Reference for the Strategy Steering committee and the ATSG were provided to the meeting attendees and is attached as Appendix B.</p> <p>In essence the ATSG is responsible for updating and improving the Reconciliation Strategy going forward, implementation of revised action plans, review and update of the requirements and scenarios and the monitoring of the development and implementation of interventions and to maintain and ensure appropriate stakeholder engagement.</p> <p>It was clarified that stakeholders on the ATSG were identified as key roleplayers that would consolidate and provide technical direction to the study. Where members feel that a particular technical input is lacking, these should be indicated.</p>	<p>ATSG Members to indicate additional roleplayers to the</p>

	<p>At the same time the ATSG should not become too large and overshadow the SSC. Members to provide Ms Singh with stakeholders details that should be added to the ATSG.</p> <p>It was noted that the role of all tiers of government must be clearly explained. There should be no doubts as to who is responsible for the implementation identified. These aspects must be resolved at the ATSG meetings.</p> <p>In order to ensure recommendations put forward by the ATSG are taken into consideration by the SSC, it was noted that the ATSG needs to be more in tune with the decisions and recommendations made. The ATSG needs to direct the study better so that it produces results and they are able to steer the decisions made.</p>	<p>ATSG if necessary</p> <p>ATSG Members</p> <p>ATSG Members</p>
<p>3.3</p>	<p>Presentation of study background</p> <p>Mr Sibanda presented the background to the study and outlined the scope of work to be undertaken under the current contract.</p> <p>The Presentation is attached as Appendix C.</p> <p>Comments and clarity made on the presentation include:</p> <p><u>Additions to the stakeholder database</u></p> <p>Inclusion of the CMA that has been established in the Western Cape to the SSC and the ATSG.</p> <p>Note: The CMA is included on the ATSG and SSC.</p> <p><u>Study area coverage</u></p> <ul style="list-style-type: none"> Ensure the inclusion of the Rivieronderend and Breede catchments into the study area. <p><u>Water Resource Protection and Resource Classification</u></p> <ul style="list-style-type: none"> Amend Work Package 2 to reflect the implementation of Water Resource Protection and Resource Classification, which will include the implementation of the Reserve through this study. The outcomes from the Classification and RQO to be included into this study. Include training component on implementation of the Reserve and Classification. <p><u>Climate Change</u></p> <ul style="list-style-type: none"> Climate change will be addressed in the study by using available information and by including this in the scenario planning. No additional climate change studies will be conducted. The concepts of summer and winter rainfall and yield and the way these are analysed must be taken into consideration. The effect on the quantity 	<p>PSP</p> <p>PSP to take note</p> <p>PSP to update in presentation & Inception Report</p> <p>PSP to take note</p> <p>PSP to include in training</p> <p>PSP to take note</p>

4	FEEDBACK FROM STAKEHOLDERS	
4.1	<p>Feedback from the City of Cape Town</p> <p>Mr Wood from the City of Cape Town addressed the following in his presentation which is attached as Appendix E.</p> <ul style="list-style-type: none"> • Demand Management • WC WSS Allocations and Related Issues <p><u>Outcomes from the Presentation for consideration by the PSP in the study:</u></p> <ul style="list-style-type: none"> • The demand management intervention measures implemented by the CCT and how this impacts on the yield • Water allocation in the catchment, e.g. from Theewaterskloof and Voelvllei and impacts on yield. • Model update for latest hydrology and climate change scenarios required • Consider adopting 1:200 yield for system to further increase reliability of supply and drought resilience. Investment implications need quantification. • CCT requires credits with the additional yield derived from system integration through operation of the Cape Town bulk conveyance system. • Differentiated curtailments to be considered based on planned municipal investment in augmentation schemes. • Some of the augmentation projects from the original strategy were dropped and must be reconsidered in the Reconciliation Strategy: <ul style="list-style-type: none"> ○ Alternative supply to Saldanha to reduce reliance on Miverstand / Voelvllei ○ Additional diversions to Voelvllei Dam from irrigation canals ○ Moolenaars River transfer ○ Campanula Dam (Palmiet River) ○ Steenbras Raising ○ Lourens River Diversion <p><u>Outcomes from the Presentation for consideration by DWS</u></p> <ul style="list-style-type: none"> • The apparent WCWSS over allocation requires resolution. The 10 MCM increase in allocation from Voelvllei Dam granted to WCDM (Dec 2017) as well as additional allocation granted to Lower Berg IB has exacerbated the situation. There is an estimated 30 MCM above the 105 MCM yield for Voelvllei Dam. • The V&V process must inform the decision to reallocate in accordance to the yield. • The outcome of the CCT license applications for Berg River Dam and Theewaterskloof (Variable) is still awaited. This is critical for planning purposes. • The inconsistency in license conditions for groundwater projects needs to be addressed. 	<p>PSP to note</p> <p>DWS to note</p>

	<p>It was resolved that CCT and the Berg River CMA will form a discussion around the groundwater licenses.</p> <p><u>Feedback on hydrology of the WC WSS</u></p> <p>Mr Killick indicated that the hydrology was extended to 2017 by the DWS. When a comparison was conducted of actual flows against what was generated, the generated flows were higher than actual flows. Investigations need to be undertaken to identify where these problems are. This issue with the hydrology has been noted in the Inception Report.</p>	
5	UPDATE OF CURRENT STUDIES	
5.1	<p>Presentation by City of Cape Town</p> <p>Mr Wood from the City of Cape Town addressed the following in his presentation on the update of current studies (attached as Appendix E):</p> <ul style="list-style-type: none"> • CCT Accelerated Augmentation Projects <ul style="list-style-type: none"> ○ Desalination ○ Groundwater abstraction ○ Water reclamation <p>The projects discussed were referenced in the 2016 update of the strategy.</p> <p>It was noted that some of the strategies identified in 2007 have been brought forward into implementation phase.</p> <p>The PSP to take cognisance of these accelerated projects in the study.</p>	PSP to note
5.2	<p>DWS Studies</p> <p><u>Classification and RQOs</u></p> <p>Mrs Lintnaar-Strauss provided an overview of the Classification and RQO study currently being undertaken in the Berg Catchment. The study is currently undertaking step 5 and 6 of the Classification process, which is the evaluation of scenarios. Nine (9) scenarios are being investigated. Detail of these scenarios are provided in Appendix F – the Background Information Document to the Classification and RQO project.</p> <p>The Breede Gouritz Classification and RQO project is currently on Step 5 of the Classification Process.</p> <p><u>Validation and Verification Project</u></p> <p>Mr Daniels provided feedback on the Validation and Verification in the Berg Olifants Doorn area, which is nearing completion. At this stage the project cannot indicate how much water is available for reallocation as they still need to incorporate the EWR requirements. The information from the study will be available in the next 3 months at which time this information will be forwarded to the PSP.</p>	PSP to take note of these studies currently being undertaken by DWS.

	<p><u>Water Quality Studies</u></p> <p>It was noted that some studies are currently underway on the Lower Berg by Mr Zayed Brown.</p> <p>There is water quality monitoring data available for the Berg estuary and river and for the Breede catchment.</p> <p><u>Catchment Management Strategy (CMS)</u></p> <p>It was noted that a CMS is required for the Berg CMA. The DWS WC Region like the ISP to be updated to a standard that can be used as a CMS. It was suggested that the Regional Office communicate with Mr Tlou for guidance on this aspect.</p>	
6	GENERAL	
	<p><u>Preparation for SSC Meeting</u></p> <ul style="list-style-type: none"> • The strategies identified in the 2007 study should be summarised for the SSC meeting. • The CCT will make a presentation at the SSC. • The WC DWS would make a presentation on the work being undertaken in the Berg Olifants-Doorn and the Breede Goritz catchments on Validation and Verification and the Classification and RQO projects. • ATSG to advise on other studies that can provide input to the Reconciliation Strategy Update. • The agenda for the SSC will be updated with outcomes from this meeting and distributed. To include an item on enforcement and compliance and opportunities for temporary reallocation of water from one user to another. <p><u>Engagement with stakeholders</u></p> <ul style="list-style-type: none"> • The PSP and CCT to have discussions on the work they have and are currently undertaking. Similarly discussions should be had with other municipalities. • The PSP to liaise with the DWS Region on the Classification Project and the State of Rivers Project and take into consideration in the scenario planning in order to give effect to the class, EWR and RQOs. • It was recommended that collaboration between the PSP team, the DWS WC Regional Office and Head Office and WC Province 	<p>PSP</p> <p>CCT</p> <p>DWS WC Region</p> <p>ATSG members</p> <p>PSP</p> <p>PSP & CCT</p> <p>PSP & other municipalities</p> <p>PSP & DWS WC Region</p> <p>PSP to initiate discussions</p>

	DEA&DP take place to define climate change used in the study and to access all available information for incorporation into the scenario planning.	
7	Next meeting and Closure <u>Schedule of meetings</u> A schedule of meeting dates will be distributed in the next few weeks. Meeting closed at 13h00.	

APPENDIX A – ATTENDANCE REGISTER

APPENDIX B – TOR FOR ATSG

APPENDIX C – PRESENTATION ON BACKGROUND OF STUDY AND SCOPE OF WORK

APPENDIX D – WORK PROGRAMME

APPENDIX E – PRESENTATION BY CITY OF CAPE TOWN

APPENDIX F – BID CLASSIFICATION AND RQOS IN BERG CATCHMENT