

**DEPARTMENT: WATER AFFAIRS
AMATOLE SYSTEM RECONCILIATION STRATEGY
STRATEGY STEERING COMMITTEE MEETING**

**MINUTES OF THE STRATEGY STEERING COMMITTEE MEETING No. 2
HELD ON 17 NOVEMBER 2009 AT 8.30 AM AT THE EAST LONDON GOLF CLUB**

| | | | | | | ACTION |
|------------|---|--------------------------|-----------------|-----------------|----------------|--|
| 1. | WELCOME AND INTRODUCTION | | | | | |
| | PvN welcomed all to the second meeting of the Amatole System Strategy Steering Committee. PvN then afforded all present the opportunity to introduce themselves. | | | | | |
| 2. | ATTENDANCE AND APOLOGIES | | | | | |
| 2.1 | Attendance: | | | | | |
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| | <ul style="list-style-type: none"> • ZK voiced his concern regarding the high number of apologies; • PvN suggested that the reason for the non-attendance was possibly the fact that the date of the meeting had been changed from the 10th November 2009 to the 17th November 2009; and • IT also advised that November is not viable for future meetings, as it is a very busy period of the year for all. | | | | | |

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| 3. | <p>ACCEPTANCE OF AGENDA The draft Agenda circulated prior to the meeting was amended prior to adoption.</p> | |
| 4. | <p>ACCEPTANCE OF PREVIOUS MINUTES The minutes of the previous meeting were accepted.</p> | |
| 5. | <p>MATTERS ARISING NOT ON THE AGENDA</p> <ul style="list-style-type: none"> • <i>Irrigation water requirements</i> <ul style="list-style-type: none"> ➤ WK stated that a meeting had been held together with Mr K Joubert of EC: DoA and that agreements had been reached into the agricultural water requirements to be used for the Strategy (the intermediate scenario) and that they are as presented in Version 6 of the Executive Summary; ➤ IT stressed that these requirements only allowed for compensation releases/existing rights of users; and ➤ It was agreed that DWA: RO are to report on progress of the verification process regarding irrigation abstractions at the next meeting. | ZK |
| 6. | <p>IMPLEMENTATION OF THE ASRS</p> | |
| 6.1 | <p>Administrative & Technical Support Group Report to the ASSSC IT presented the ASATSG report on progress to date. The key activities to date were the following:</p> <ul style="list-style-type: none"> • Establishing the ASSSC, ASATSG & ASSOC complete with ToR's and membership; • Facilitating the adoption of the Strategy by the key stakeholders; • A review of the original Strategy to verify relevance; • Development of a Communication Strategy; • Reinforcement of the importance of WC/WDM in terms of the Strategy; • Review the potential for re-use within the AWSS; • Engage with the Operating Rules Study; and • Update the historical water requirements. | |
| 6.2 | <p>Adoption of the Strategy</p> | |
| 6.2.1 | <p>Department of Water Affairs</p> <ul style="list-style-type: none"> • IT confirmed that the Strategy was completed in March 2008. Although the Strategy was developed collectively by all key stakeholders, it was not formally adopted by these stakeholders at the time; • All key stakeholders need to endorse the Strategy before DWA can submit the Strategy for adoption by senior DWA management; and • ZK queried why the Strategy had not been presented to top management at DWA already. IT advised that top management was fully aware of the Strategy, but they had to be told that the Strategy had been adopted and endorsed by the key stakeholders before it could be formally adopted. | |
| 6.2.2 | <p><i>Buffalo City Municipality</i></p> | |
| 6.2.2 | <ul style="list-style-type: none"> • WK gave a presentation on the Strategy to the Technical Managers of BCM. BCM staff to draft a report to the Engineering Services Steering Committee and the Mayoral Committee for adoption; and • GC stated that the top technical managers of BCM, ADM and AW need to get together to determine whether they can endorse the Strategy. | GC |
| 6.2.3 | <p><i>Amatola Water:</i></p> | |
| 6.2.3 | <ul style="list-style-type: none"> • A presentation has been given to Manco, but formal adoption of the Strategy is still required by the Board. | CT |
| 6.2.4 | <p><i>Amathole District Municipality:</i></p> | |
| 6.2.4 | <ul style="list-style-type: none"> • Presentations still to be done to Senior Management Team and then the Mayoral Committee. | MS |
| 6.2.5 | <p><i>Irrigators</i></p> | |
| 6.2.5 | <ul style="list-style-type: none"> • Involved in the development of the Strategy; • No involvement in the implementation of the Strategy to date; • Organised agriculture to be involved; and • Kubusi Irrigation Board to be involved. | |



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| 6.2.6 | <p><i>Other Sectors of Government</i></p> <ul style="list-style-type: none"> • AL to get Strategy on the agenda of ECWAC & ProWAC meetings • To be addressed during municipality bilaterals • To be addressed at the Premiers Forum | <p>AL DWA:RO DWA:RO</p> |
| 6.3 | <i>Establishment (ToR and membership) and functioning of committees</i> | |
| 6.3.1 | <p><i>Steering Committee</i></p> <p><i>Membership:</i></p> <p>The list of members was presented for consideration. Following discussions it was agreed that:</p> <ul style="list-style-type: none"> • ATSG to invite Mr Kritzinger of AgriSA to serve on the steering committee. • It is required to get a representative of from the Office of the Premier to sit on the committee. Mr. Mzamo (DoHousing) will facilitate that a representative is present at the next meeting. AL to assist in this regard; • ZK to obtain a representative from DoLA to sit on the committee; and • Border Kei Chamber of Business to be put on the distribution list. <p>WK confirmed that a distribution list for each committee will be drawn up and will be used as part of the communication process.</p> <p>WK to draft a letter from the Minister to the Office of the Premier, to ensure that the Premier's office is aware of this Strategy as well as the Algoa and All Towns Strategy and to get representation on the SSC.</p> <p><i>Terms of Reference:</i></p> <ul style="list-style-type: none"> • The ToR were circulated/presented for approval; and • Comments on the ToR's are to reach WK no later than the 20/11/2009, failing which they will be adopted as final. | <p>WK</p> <p>AL</p> <p>ZK WK</p> <p>WK</p> <p>WK</p> <p>ASSSC</p> |
| 6.3.2 | <p><i>Support Group</i></p> <p><i>Membership:</i></p> <p>The list of members was presented for consideration. No changes/additions were identified.</p> <p><i>Terms of Reference:</i></p> <ul style="list-style-type: none"> • The ToR were circulated/presented for approval • Comments on the ToR's are to reach WK no later than the 20/11/2009, failing which they will be adopted as final. | ASATSG |
| 6.3.3 | <p><i>Operations Coordination Committee</i></p> <p><i>Membership:</i></p> <ul style="list-style-type: none"> • The list of members was presented for consideration; • IT confirmed that Theo Geldenhuys had relinquished his chairmanship of the ASOCC and that a new chairman needs to be appointed. This was a matter of concern to the ASATSG; and • JvR stated that he would engage with Dewald Coetzee in this regard. <p><i>Terms of Reference:</i></p> <ul style="list-style-type: none"> • The ToR were circulated/presented for approval; and • Comments on the ToR's are to reach WK no later than the 20/11/2009, failing which they will be adopted as final. | <p>ASOCC</p> <p>JvR</p> <p>ASOCC</p> |
| 6.3.4 | <p><i>Annual operation (restrictions) decisions</i></p> <ul style="list-style-type: none"> • SMA provided on overview of work undertaken to date. • Key issues included: <ul style="list-style-type: none"> ➢ No immediate concerns in terms of implementing restrictions based on proposed operating rules; and ➢ Formal adoption of the proposal operating rules is required by the key stakeholders. | ASOCC |
| 6.4 | <i>WC/WDM (Progress, results and way forward)</i> | |
| 6.4.1 | <p><i>Buffalo City Municipality</i></p> <ul style="list-style-type: none"> • GC gave a brief overview of initiatives undertaken to date as well as ongoing initiatives; and • BCM to submit a report on progress in the implementation of WC/WDM to the next ASSSC so that the Committee can get picture of how effective initiatives have been as well as what the constraints, challenges and successes are. | GC |



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| 6.4.2 | <i>Amathole District Municipality</i> <ul style="list-style-type: none"> No report provided. | |
| 6.4.3 | <i>Amatola Water</i> <ul style="list-style-type: none"> No report provided. | |
| 6.4.4 | <i>Irrigators</i> <ul style="list-style-type: none"> Kubusi Irrigation Board to look into ways of improved efficiency of their irrigation practices and report to the next meeting. | KIB |
| 6.4.5 | <i>General</i> <ul style="list-style-type: none"> All of the above stakeholders must prepare a report on their WC/WDM initiatives for the next ASSSC meeting; and Each of these stakeholders need to get a WC/WDM strategy in place with an implementation plan and associated budget. They must also get commitment from their top management to implement the Strategy. | BCM, AW, ADM & KIB |
| 6.5 | Completion of Kubusi-Yellowwoods Link (Regional WTP at Kei Road) <ul style="list-style-type: none"> Do to procurement complications the completion of the requisite preliminary studies for the completion of the link, have been delayed; As a result, the implications of taking water out of the System above the environmentally sensitive reach of the river (i.e. Kei Road WTP) merits further investigation; WK gave a brief presentation on the pro's and con's of a regional WTP at Kei Road; The ASSSC instructed the ASATSG to undertake a high level evaluation of a proposed regional WTP at Kei Road and to report back in this regard within 6 months i.e. in early April 2010; and ASATSG also to relook at water balances, taking into account water supply to the extended area i.e. Great Kei and West Coast, to determine what would be the best use of Wriggleswade Dam water. The Strategies from All Towns Study also need to be considered in this regard. | WK WK |
| 6.6 | Feasibility Studies (DWA:OA and BCM) WK gave a presentation on current planning (adopted Strategy), after which it was agreed that: <ul style="list-style-type: none"> WC/WDM needs to be taken seriously by all role players; and ASATSG needs to sit down with key stakeholders to determine when they will take up the actions allocated to them in the Strategy. A realistic programme of when studies need to be undertaken by each institution to ensure implementation on time must be obtained. | ASATSG |
| 7. | UPDATING AND FURTHER ROLL-OUT OF THE STRATEGY | |
| 7.1 | Water availability | |
| 7.1.1 | <i>Availability Assessment:</i> <ul style="list-style-type: none"> It was agreed that there is no need to update the hydrology at present; AL queried how one gives people in drought stricken areas access to water resources. It was agreed that this is an ASOCC issue as opposed to an ASSSC issue. | |
| 7.1.2 | <i>Impact of Operating Rules</i> <ul style="list-style-type: none"> It was stated that the yield from the System was greater if operated as an integrated system as opposed to individual systems. ASOCC to facilitate systems yield optimisation; JP to forward quantum of implication to WK; WK to model the above as a scenario; and JP to forward operating rules for the Upper Buffalo to WK. | ASOCC JP WK JP |
| 7.2 | Water requirements | |
| 7.2.1 | <i>Updating and comparison with ASRS assumptions</i> <ul style="list-style-type: none"> WK presented a graph indicating the historical and original projected water requirements; It was agreed that planning must continue to be based on the original high growth scenario; and It was however agreed that for future presentations: <ul style="list-style-type: none"> The requirement projections must be revised to start from the current historical water requirements; and Irrigation requirements must be presented as a requirement and not as a reduction in water availability. | ASATSG WK WK |



| | | ACTION |
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| 7.2.2 | <p><i>BCM housing delivery</i></p> <ul style="list-style-type: none"> 15,000 serviced erven might come on stream soon, causing a potential spike in water requirement; GC stated that the impact may however not be that big, given that people are already getting water; and ASATSG to monitor developments | ASATSG |
| 7.2.3 | <p><i>Possible extension of the Amatole System supply area – ADM request for allocation from Wriggleswade Dam</i></p> <ul style="list-style-type: none"> It was confirmed that a “use” had been registered against the dam but that no abstraction permit/license had been issued; and Ms. N. Mnu kwa of DWA: RO and MS to address the confusion regarding the registration certificate issued by the DWA: RO in June 2009. | NM/MS |
| 7.3 | <i>Interventions / Options</i> | |
| 7.3.1 | <p><i>Water Re-use (Presentation)</i></p> <ul style="list-style-type: none"> WK gave a presentation on the potential for re-use in the AWSS; The ASATSG will distribute a reconiasance report in this regard in due course; BCM advised that they were looking at re-use options in the planning of their proposed new regional WWTWs at Reeston and Zwelitsha. BCM to present a report in this regard to the next ASSSC; and BCM advised to look to separate their industrial and domestic waste streams and to concentrate on re-using the domestic stream. Industries should also be encouraged to re-use their effluents. | WK GC BCM |
| 7.3.2 | <p><i>Rainwater Harvesting</i></p> <ul style="list-style-type: none"> Rainwater harvesting is not considered as an reconciliation option; and Rainwater harvesting could however be used as a means of increasing the security of supply, especially in times of drought. | |
| 7.3.3 | <p><i>Desalination of sea water</i></p> <ul style="list-style-type: none"> Desalination is not being investigated as a reconciliation option for the AWSS at present; JvR stated that the results of studies being done by the City of Cape Town and Umgeni Water for their reconciliation studies will be made available for consideration as part of the Amatole Reconciliation Strategy; and JvR however stated that the most appropriate location for a plant should be identified and that the sea water quality should be monitored in the interim. | BCM |
| 7.3.4 | <p><i>Alien vegetation removal</i></p> <ul style="list-style-type: none"> This is not a key intervention in terms of the Strategy, but is being progressively implemented by DWA: WfW; IT presented a short report received from Work for Water: <ul style="list-style-type: none"> Clearing of alien vegetation is currently being done; The Kubusi area currently has lots of challenges as a result of resistance by certain parties; and The Dept. Agriculture is currently in the process of prioritising work to be done. CSIR were commissioned to do a study in this regard. The costs of clearing are covered in the raw water tariff. It was therefore requested that the cost effectiveness be measured and forward to the ASSSC for perusal. | WfW |
| 7.3.5 | <p><i>Supplementary surface water options</i></p> <ul style="list-style-type: none"> The proposal to supply the Ndlambe area from the Keiskamma was noted and parked for a discussion in a separate forum. | |
| 7.4 | <i>Reconciliation</i> | |
| 7.4.1 | <p><i>Updating</i></p> <ul style="list-style-type: none"> WK presented a graph indicating the updated historical water requirements vs. those projected in terms of the Strategy; It was agreed that there is no need to review the reconciliation options at present; and It was however agreed that the support tool must be used for future presentations. | WK |
| 7.4.2 | <p><i>Scenario planning – impact of climate change</i></p> <ul style="list-style-type: none"> It was agreed that the impact of climate change was not a key issue for this specific area, but that the potential impact would be modelled at a high level as part of the operating rules study and if found to be relevant in this instance, would be incorporated in future planning. | JP/WK |



| | | ACTION |
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| 7.4.3 | <p><i>Scenario planning – impact of implementing the Reserve</i></p> <ul style="list-style-type: none"> It was noted the the impact of implementing the Reserve was significant in this instance, and that it would not be considered for implementation, except for any new surface water supply; and The implementation of the Reserve will however continue to be monitored as part of future scenario planning. | WK |
| 7.5 | Proposed Communication Strategy | |
| 7.5.1 | <p>General</p> <ul style="list-style-type: none"> WK gave a presentation on the proposed communication strategy with the key communication mechanisms being: <ul style="list-style-type: none"> Executive summary / progress reports; News letters; and Press Releases. It was agreed that the proposed strategy be adopted subject to the following: <ul style="list-style-type: none"> AgriSA be included as part of the target group; Acronyms in the documents checked and corrected where necessary; and The DWA: RO be used as the point of contact for external queries as opposed to UWP. | WK ASATSG |
| 7.5.2 | <p><i>Executive Summary</i></p> <ul style="list-style-type: none"> JvR recommended that this report be change to a Status Report, presenting where we are now. ASATSG to edit and resubmit before the end of the year. | WK |
| 7.5.3 | <p><i>Newsletter</i></p> <ul style="list-style-type: none"> A draft news letter was presented for approval for circulation; Comments must be forwarded to WK within 2 weeks; and ASATSG to check units for easy reading e.g. Add Mm³ = 1000kl prior to circulation. | ALL WK |
| 7.5.4 | <p><i>Press Release:</i></p> <ul style="list-style-type: none"> Following discussions it was agreed that: <ul style="list-style-type: none"> The Status Report must be ready before issuing the press release; The release should concentrate on the drought, the establishment of the SSC and members working together to ensure long term water security for the region; and Target the end January 2010 for the release, depending on current situation in terms of the drought at the time. | WK ASATSG ASATSG |
| 8. | GENERAL | |
| 8.1 | <p>ASSSC Meeting Documentation</p> <ul style="list-style-type: none"> The ATSG are to draw up standard meeting procedures for SSC minutes, agendas, notifications and documentation etc.; and These are to be prepared to be sent out in time for future meetings. | ASATSG ASATSG |
| 8.2 | <p>Overview of Reconciliation Strategies</p> <ul style="list-style-type: none"> The overview presentation prepared by JvR is to be added to the information bundle presented to decision makers as part of the endorsement process; and It should also be distributed to all SSC members. | ASATSG ASATSG |
| 8.3 | <p>Water Quality</p> <ul style="list-style-type: none"> Following discussion, it was agreed that: <ul style="list-style-type: none"> Water quality would not be a specific item on the next agenda, in future; Water quality is to be discussed with WMA's with compliance being addressed with the WQO; Water quality should be discussed at ASOCC meetings; and PV indicated that it would possibly be better for him to attend these meetings. | ASOCC ASOCC |
| 8.4 | <p>Capacity/functionality of ASOCC</p> <ul style="list-style-type: none"> Following discussions it was agreed that ASOCC should present a report to the SSC at its next meeting on the challenges it is facing; and JvR to discuss the matter with Dewald Coetzee in the interim. | ASOCC JvR |



| | | ACTION |
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| 9. | DATES FOR THE FUTURE MEETINGS The following dates were proposed for ASSSC meetings for 2010 <ul style="list-style-type: none">• 4th, 12th, or 19th May 2010, and 5th, 13th, or 19th October 2010 The availability of SSC members to be confirmed as soon as possible. | ASATSG |
| 10. | CLOSURE PvN thanked all for their attendance and wished them well over the festive period. | |

DRAFT

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