



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

Project (WP10587): Continuation of the Northern Planning Region All Town Reconciliation Strategies (NP-RATS)

**Limpopo Province:
STRATEGIES STEERING COMMITTEE (SSC) MEETING No. 01 MINUTES**

Held at Grincourt Nature Reserve, Polokwane, on 26 April, 2013 at 09h30.

1. WELCOME AND INTRODUCTION OF MEMBERS

- 1.1 Mr Tendani Nditwani, Department of Water Affairs, National Water Resource Planning (NWRP), welcomed all to the meeting and provided a brief overview of the water resources management areas in South Africa.
- 1.2 Mr Nditwani asked members to introduce themselves, indicating the organisation they represent and their interest in this workshop.

2. ATTENDANCE AND APOLOGIES

- 2.1 The attendance and apologies were noted. The attendance register is attached as **Appendix A**. It was noted that attendees at this Strategies Steering Committee (SSC) workshop for the Limpopo Province was reasonably represented geographically and by relevant stakeholders.

3. ACCEPTANCE OF AGENDA

- 3.1 The agenda was approved by all present.
- 3.2 The proceedings for today's workshop are captured in the presentation, attached as **Appendix B**.

4. PURPOSE OF THE WORKSHOP

- 4.1 The purpose of today's workshop is to introduce the study to stakeholders, establish the role of the SSC, facilitate cooperation and interaction between all, outline the findings of the Inception Phase, outline the scope of work and obtain comments and input for the prioritisation of strategies – to be updated during this phase.

5. MINUTES OF THE PREVIOUS MEETING

There are no previous minutes as this was the first SSC workshop held in the Limpopo Province in this current phase.

6. ROLE OF THE STRATEGIES STEERING COMMITTEE (SSC)

- 6.1 The SSC to provide executive guidance on the direction and outcomes of the study; establish lines of communication for information sharing; promote linkages to existing regional planning activities and ensure the incorporation of strategies' recommendations in formal planning processes (IDPs, WSDPs, etc.).

7. INTRODUCTION OF THE STUDY

- 7.1 Mr Tendani presented the background of water resources planning studies that included the development of the first National Water Resource Strategy in 2004 and the Reconciliation Strategies for large water supply systems of economic importance. He briefly alluded to the DWA report (P RSA 000/00/12610) on the Assessment of the Ultimate Potential and Future Marginal Cost of Water Resources in South Africa. This report illustrates the potential cost in providing water from local water resources, compared to large transfer schemes and alternative technologies. The All Towns studies were commissioned in 2008 (until 2011) for all water supply systems in South Africa – a complex and enormous assignment.
- 7.2 There were 154 rudimentary strategies prepared in the Limpopo Province for all cluster areas – based on the water resource for a cluster and consumers supplied from this resource. Of these, 55 towns' water balance was reported at the time as being in deficit (water requirements exceed available resources). Due to budget constraints, not all of these strategies can be reviewed and updated during this phase (2012 – 2015).
- 7.3 Key messages from the first All Towns studies illustrated that improved management will solve a large portion of immediate problems; minimal metering takes place – resulting in more estimates that have to be made to reconcile water requirements with water resources; groundwater is a viable option in many instances and water resource availability is less of a constraint than the appropriate management (including WC/WDM) and operation of infrastructure.
- 7.4 The entire Limpopo Province is included in the DWA NWRP: Northern Planning Region. Stakeholders' attention was drawn to the hand-out packs, which included the agenda, presentation and a Background Information Document (BID) of the study. The BID is included under **Appendix C**.
- 7.5 The current appointment (2012 till 2015) for the continuation of the All Towns studies is based on an on-going process to review and update the existing, prioritised strategies to ensure that they stay relevant and sustainable. It will also ensure that they remain applicable for inclusion in national, provincial, local and regional planning activities.
- 7.6 Mr Nditwani explained the contents of a reconciliation strategy and referred to the study website where stakeholders can access the existing strategies by clicking on the All Town Strategies – Strategy Portal: <http://www.dwa.gov.za/projects.aspx>.
- 7.7 The current appointment will reconcile the water requirements with available water resources, up to the 2035 planning horizon.

8. OVERVIEW OF STUDY ACTIVITIES

- 8.1 This phase includes several stages, some running concurrently. The first is the Inception stage – nearing completion – that includes the reconnaissance review of existing strategies, preliminary prioritisation, the first SSC workshops (one per province) and the development of District Municipality Summary Reports. The latter (based on the existing strategies, summarised per District and then per Local Municipality and its strategies), are available in a navigable MS Excel format, from the DWA Regional Office – Water Sector Support.
- 8.2 The remainder of this phase would focus on the detail review and update of the prioritised strategies. Upon completion, the updated strategies will again be made available via the DWA website and the District Municipality Summary Reports will also be updated.
- 8.3 One of the activities for the SSC during today's workshop is to refine the preliminary priority selection, based on the current situation, for the continuation of this study. (During the Break-Away Sessions).
- 8.4 The preliminary prioritisation (key focus on water resource availability and quality to meet current and future requirements) was based on the following criteria:
 - 8.5 Step 1: Towns that are currently in deficit (based on the water balance);
 - 8.6 Step 2: remove towns where projects (predominantly RBIG) are at an advanced stage of implementation, which would address the situation (deficit);
 - 8.7 Step 3: add the towns where RBIG projects and the like can still be influenced by the strategies' recommendations;
 - 8.8 Step 4: add towns identified as hot spot areas on a national, provincial or local strategic level.
- 8.9 This phase aims to improve the level of confidence of the strategies, based on the best available information, so that these strategies can be used in other planning activities.
- 8.10 Stakeholders will be consulted and can provide input during the course of this study, being at specific meetings or regional workshops such as the SSC. The next SSC is scheduled to take place during October 2014, unless otherwise planned.

All (10/2014)

9. BREAK-AWAY SESSIONS

- 9.1 Break-away sessions were arranged per District Municipality (DM including the Local Municipalities (LM) and other stakeholders as geographically applicable). DWA National and Regional Office representatives rotated between the sessions. The purpose of the break-away sessions was to confirm priority strategies and to solicit information from SSC members for inclusion in the strategies. The Inception Report will address the newly prioritised (based on today's session) strategies for the continuation of this study.

PSP
(30/04/2013)

9.2 Mopani DM (MDM)

- 9.2.1 The MDM was not present (it being the WSA), but the Greater Letaba, Greater Tzaneen, Ba-Phalaborwa and Maruleng LM's were. A number of Water User Associations and other interested stakeholders joined in the discussion.
- 9.2.2 Of the six (6) preliminary priorities, nine (9) remain (five from the initial priorities and four additional) as priority due to water resource availability issues. Further to this, there are an

additional two (2) strategies (maybe) to be updated and reviewed due to strategic importance or water use allocation concerns.

9.3 Vhembe DM (VDM)

9.3.1 The VDM was not present (it being the WSA), but the Musina LM was present. A number of Water User Associations and other interested stakeholders joined in the discussion.

9.3.2 Of the nine (9) preliminary priorities, all nine (9) strategies remain as priority due to water resource availability issues. Further to this, there is one (1) additional strategy (maybe) to be updated and reviewed due to strategic importance or water resource quality problems.

9.4 Capricorn DM (CDM)

9.4.1 The CDM was not present (it being the WSA), but Aganang LM was, together with the Polokwane LM – the latter also being a WSA.

9.4.2 Of the eleven (11) preliminary priorities, all eleven (11) remain as priority due to water resource availability issues. Further to this, there are an additional eight (8) strategies (maybe) to be updated and reviewed due to strategic importance or water resource quality problems.

9.5 Waterberg DM (WDM)

9.5.1 The WDM along with one WSA – Mookgophong LM – were present.

9.5.2 Of the two (2) preliminary priorities, one (1) remains as priority due to water resource availability issues. Further to this, there is one (1) additional strategy (maybe) to be updated and reviewed due to strategic importance or water resource quality problems.

9.6 Greater Sekhukhune DM (GSDM)

9.6.1 The GSDM, it being the WSA, along with one LM – Greater Tubatse LM – were present.

9.6.2 There were no preliminary priorities identified within the GSDM – mainly due to most consumers being included as beneficiaries of the newly constructed De Hoop Dam. Upon review and based on the current situation, no additional priorities were added, but the PSP to consider the current Olifants River Reconciliation Strategy and review existing All Towns strategies where appropriate.

9.7 In summary, the priority strategies for the Limpopo Province can be reported as follows:

9.7.1 New strategy priorities:

- Priority = yes: 30 strategies; and
- Priority = maybe: 12 strategies.

9.8 Strategies allocated a priority of “maybe” include areas where water resource quality problems or institutional challenges are experienced as well as where potential new

information is available that may influence the recommendations of a particular strategy. A list of the new priority strategies is attached in **Appendix D**

9.9	Some areas in the Mopani and Waterberg DM's experience shortages in groundwater supply. Irrigation also puts pressure on available surface and groundwater resources. Due consideration to be given to registered and licensed water use in preparing the updated strategies. Over-abstraction rife in certain areas (Groot Letaba, Mametja Sekororo, etc.)	PSP (on-going)
9.10	Some areas in the Vhembe DM experience problems with groundwater quality. The Nandoni Dam area in neighbouring Mopani DM seems to be a development hot spot.	
9.11	The Polokwane area in the Capricorn DM remains a priority as water resource availability and options need to be investigated to further detail.	
9.12	In the Waterberg DM, the main challenges centre around institutional arrangements (WSAs, Water Boards, DWA), infrastructure operation and maintenance and water use license allocation. Due consideration to be given to the industrial, mining and power generation activities in this area.	PSP (on-going)
9.13	The PSP to obtain the business plans of Water Boards on current and future water services provision to ensure water source options are taken into account in the individual strategies.	PSP (08/2013)
9.14	Water resource quality – especially groundwater – has been identified as an area requiring more attention in terms of use and sustainable management. Very few WSAs have groundwater monitoring programmes in place.	DWA, WSAs (02/2014)
9.15	Available metering information on water supplied and consumed still pose a challenge. For the purpose of this study, information on bulk metering (not individual connections – that will be sourced from the Financial Offices) is important.	WSAs (02/2014)
9.16	Management and operation of existing water supply infrastructure require more resources (human and financial). It includes the formalisation of informal connections. This will improve the reconciliation of water requirements with water resources, the latter of which are generally available.	WSAs (10/2014)
9.17	Very little information is available on municipalities in the province having developed and implemented WC/WDM programmes. This is one of the first steps in water resource and water services management. This will be considered during the update and review of prioritised strategies.	DWA NW, PSP (03/2014)
9.18	The PSP to consider migration patterns: examples are the towns of Musina, Lephalale, Burgersfort and Steelpoort – all economic development nodes.	PSP (on-going)
10.	WAY FORWARD AND STUDY PROGRAMME	
10.1	Ms M Esterhuizen provided an overview of the way forward and study programme. Inception is nearly complete (April 2013) and the resultant Inception Report will be made available.	PSP (30/04/2013)
10.2	Stakeholders will be consulted and can provide input during the course of this study. The next	SSC (on-going,

SSC is scheduled to take place during October 2014.	10/2014)
10.3 The focus of the remainder of the study period is on the review and update of prioritised strategies in order to re-visit the water requirements, water services infrastructure and other building blocks of strategies and reconcile it with the water requirements. The water balance will be updated and appropriate recommendations made for consideration by planning authorities. A status quo report on the study progress and findings will be prepared before the second SSC.	PSP (on-going)
10.4 Updated and approved strategies will be made available to stakeholders via the DWA study website on a bi-monthly or quarterly base.	PSP, DWA (on-going)
10.5 The District Municipality Summary Reports will be updated and made available to stakeholders via the DWA study website.	DWA, PSP (08/2015)
10.6 Study closure for this appointment is October 2015.	DWA, PSP (30/10/2015)
11. GENERAL	
11.1 Mr Badenhorst encouraged the PSP and DWA: NWRP to engage actively (not only telephonically) with municipalities to ensure buy-in of the study process and activities.	PSP, DWA (on-going)
11.2 Mr Badenhorst emphasised the full cost of water supply (from resource, to tap and back to the resource) – municipalities to be more aware of the full costs during planning, implementation and maintenance of infrastructure, including resource development. Refer to the DWA Report under item 6.2.1 of the minutes where the Unit Reference Value (URV) of various resource development options in South Africa was investigated and compared.	
12. DATE OF NEXT MEETING AND CLOSURE	
12.1 NEXT MEETING	
12.1.1 The next SSC meeting will be held during October, 2014. The day and venue to be confirmed. Mr Nditwani conferred with stakeholders on the proposed date (month, year) for the next SSC and invited comments. No comments were received, but stakeholders are welcome to contact the study team in this regard, should any concerns arise.	All (10/2014)
12.1.2 Mr Nditwani indicated the DWA and PSP's are available to link to existing planning activities such as the District Municipality Forums on water services and may present the status of this study at these forums if required.	DWA, PSP (on-going)
12.2 CLOSURE	
Mr Nditwani thanked all members for their attendance and participation and adjourned the meeting at 13:30.	

APPENDIX A ATTENDANCE REGISTER



→ CC Att to BB.

DEPARTMENT: WATER AFFAIRS
Directorate: National Water Resource Planning

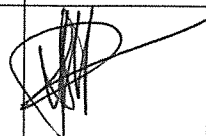
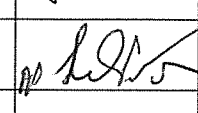
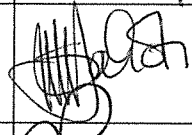
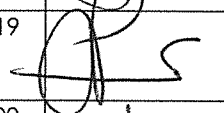
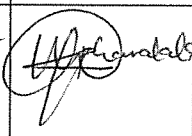
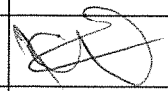
**Limpopo Province Strategies Steering Committee (SSC) Workshop –
SSC01**



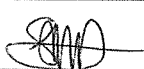
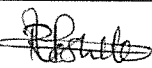

Date and Time: Friday, 26 April 2013 at 9:30 am.
Venue: Grincourt Nature Reserve, Polokwane

Attendance Register


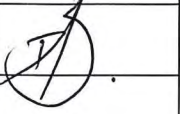
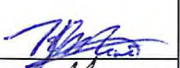
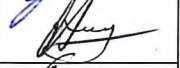


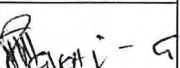
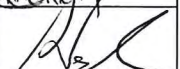
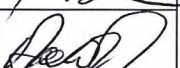


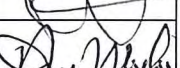
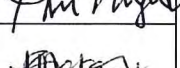

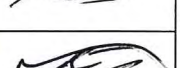
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			-			
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	Boitumelo	Rametsi	boitumelo.ra metsi@lepelle - nkumpi.gov.z a	015 633 6896	015 633 4508	

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	Cornelius	Booyesen	booyeseng@thabazimbi.gov.za	014-777-1697	014 777 1525 x 155	
Lephalale WSA	Frans	Mabotja	frans.mabotja@lephalale.gov.za	014-763-5662	014 763 2193	
	Khoroshi	Motebele	khoroshi.motebele@lephalale.gov.za		014 762 1479	
	Andrew	Leseka	kabelo.leseka@lephalale.gov.za	086-587-8790	014 762 1466	
Mogalakwena WSA	P	Hokomane	hokomanep@mogalakwena.gov.za	015-491-9645	015-491-9622	
Mookgopong WSA	Rosat	Katjedi	katjedimr@yahoo.com	014-743 2434	014-743-6626	
Modimolle WSA	Maphola	Chokolo	mphoc@hotmail.com	086-515-2106	014-718-2056	
Bele-Bela WSA	Nicholas	Nyambeni	nyambenin@belabela.gov.za ; sekgalehj@belabela.gov.za		014 736 8052/38	
Greater Sekhukhune DM WSA	Jaula Chris	Nkomo Mathlaule	jabulankomo@gmail.com c.sehlabale@gmail.com	013 262 3688 013 262 7572	013-262-7300	
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Ephraim Mogale Local Municipality (was Greater Marble Hall)	Ben	Marais	bmarais@emogalelm.gov.za	013 261 2985	013 261 8400	
	Takalani	Ramatselela	tramatselela@emogalelm.gov.za		013-261 8449	
Elias Motsoaledi	Maggy	Motshweneng	lkabini@emim.co.za ; mmtsweni@emim.gov.za	013-262-2547	013 262 3056	
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	Tumelo	Dilotsotloho	tumelodilos@gmail.com			
	Polaki	Mahlase	pmahlase@gmail.com			
Fetakgomo	Motlanalo	Lebepe	lebepem@fetakgomo.gov.za ; motlanalol@fetakgomo.gov.za	015 622 8015	015 622 8000	

			webmail.co.za			
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	Lekgau	Molepo	lmolepo@tubatse.gov.za	0865153522	013-231-1216	
Olifants River Joint Water Forum	BRINK	ILMA	ilma.brink@bigenafrica.com	012 8439000	012 8439031	
WRP	Manie	Mari	maniem@wpa.co.za		012 3463446	
DWA P+I.	Hounga	Tonnie	houngat@dwa.gov.za		012-3366602	
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DWA/WUE	KOENA	MOABELO	moabelo@dwa.gov.za	0123268174		
DWA/WUE	MOKO KO	Ralefjeng	ralefjeng@dwa.gov.za	012 336 6752		
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TLU North	Nic	HAARHOFF	nicthau@gmail.com	071604650		
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Maruleng Municipality	Phensin	Sithole	sithole@maruleng.gov.za	015 793 2341	072 8610015	
DWA/Arma	Munzik	ANDRIE	munzika@dwa.gov.za	0153076868	0153062520	
Waterberg DM.	Reginah	Margata	rmargata@waterberg.gov.za	014 718 3317	014 717	
LEDET	Tlhagala	Ngoasheng	ngoasheng@ledet.gov.za	0152955015	0152907058	
Monja	Esthera	UUP				
DWA LIMPOPO	RIRHANDZU	MARINGA	MARINGAR@dwa.gov.za			APOLOGY

APPENDIX B PRESENTATION: LIMPOPO PROVINCE SSC WORKSHOP 01

Continuation of the All Town Reconciliation Strategies in the Limpopo Province

Strategies Steering Committee Workshop No. 1

26 April 2013

Presented by Tendani Nditwani

DWA: National Water Resource Planning



Agenda

1	WELCOME AND INTRODUCTION OF MEMBERS	T. Nditwani
2	ATTENDANCE AND APOLOGIES	T. Nditwani
3	ACCEPTANCE OF AGENDA	T. Nditwani
4	PURPOSE OF WORKSHOP	T. Nditwani
5	ROLE OF THE STRATEGIES STEERING COMMITTEE	T. Nditwani
6	INTRODUCTION OF THE STUDY	T. Nditwani
7	OVERVIEW OF STUDY ACTIVITIES	M. Esterhuizen P van Rooyen
8	BREAK-AWAY SESSIONS (PRIORITY STRATEGIES)	M. Esterhuizen
9	WAY FORWARD/STUDY PROGRAMME	M. Esterhuizen
10	GENERAL	T. Nditwani
11	DATE OF NEXT MEETING AND CLOSURE	T. Nditwani
12	LUNCH	ALL

Item 4: Purpose of the Workshop

- To introduce the study to all Stakeholders (SH)
- To establish and define the role of the Strategies Steering Committee (SSC)
- Facilitate cooperation and interaction with the SH's
- To outline findings during the Inception Phase
- To outline the scope of work, methodology, way forward and preliminary study programme
- To obtain comments and input from SH's
- To prioritise the strategies to be updated

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Item 5: Role of Strategies Steering Committee (SSC)

Role of Strategies Steering Committee (SSC)

- To provide executive guidance to the direction and outcomes of the study
- To provide supplementary information and input from a local and regional perspective
- To facilitate strategic linkages with other initiatives / forums
- To disseminate information from study into the relevant organizations
- Incorporate strategies' recommendations into development plans such as WSDP's, IDP's etc.
- To facilitate the acceptance and sign-off of the updated Reconciliation Strategies

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Stakeholder Engagement

- Communication Protocol
 - **General Enquiries**
 - Contact the Study Administrator / Liaison Officer:
 - Northern Planning Region: Ms Leoni le Roux
(leonilr@uwp.co.za)
 - **Study Management**
 - Contact the DWA Study Leader:
 - Northern Planning Region: Mr Tendani Nditwani
(NditwaniT@dwa.gov.za)

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Stakeholder Engagement cont.

- Communication Protocol
 - **Technical Enquiries**
 - Contact the PSP
 - Northern Planning Region Deputy Study Leader: Ms Monja Esterhuizen (monjae@uwp.co.za)

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Item 6: Introduction of the Study

Background

- 2004: National Water Resource Strategy (NWRS), First Edition
 - Chapter 2 and Appendix D summarised the water resource situation
 - Addressed the scarcity of water in South Africa
 - Fresh water is limited and unevenly distributed
 - Situation varied from area to area



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Background cont.

- NWRS information on a broad overview level
- Can for instance not be used to build infrastructure
- More detail required
- Internal Strategic Perspectives (ISP's) – Catchment Management Area level, but still not detailed enough
- Reconciliation Strategies for:
 - Large systems supplying areas of large economic importance
 - Rest of towns covered in "All Town Strategies"

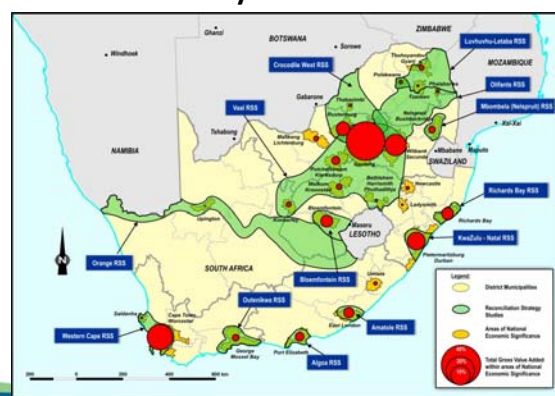
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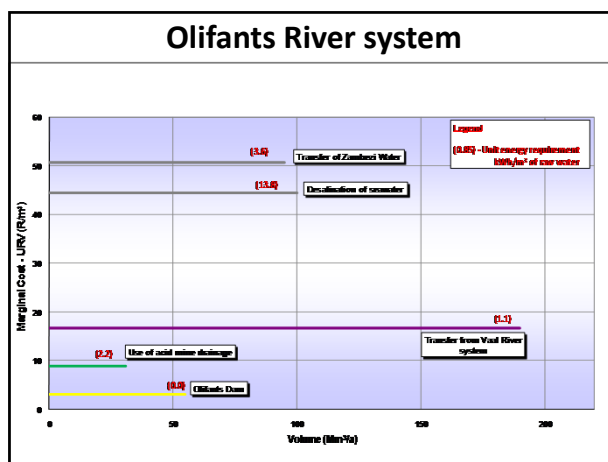
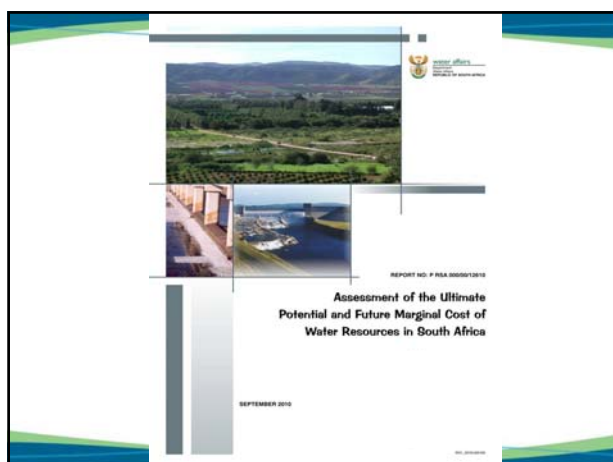
Background cont.

- What is reconciliation:
 - Develop future water requirement scenarios in consultation with users
 - Investigate all possible water resources and other interventions
 - Investigate all possible methods for reconciling the water requirements with the available resources
 - Make recommendations for development and implementation of interventions

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NSDP: Key demand centres





Background cont.

- Reconciliation Strategies – Key Messages:
 - Confirmed broad reconciliation strategies already in the NWRS1
 - Added desalination as a strategy

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Background cont.

- 2012 National Water Resource Strategy (NWRS 2, draft)
 - NWRS 2 is building on NWRS 1, not replacing it
 - Putting water at the centre of integrated development planning and decision making
 - Ensuring water for equitable growth and development
 - Protecting water ecosystems
 - Implementing water use efficiency and WC/WDM
 - Optimising water resources
 - Achieving effective water governance and Developmental Water Management



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Background to This Assignment

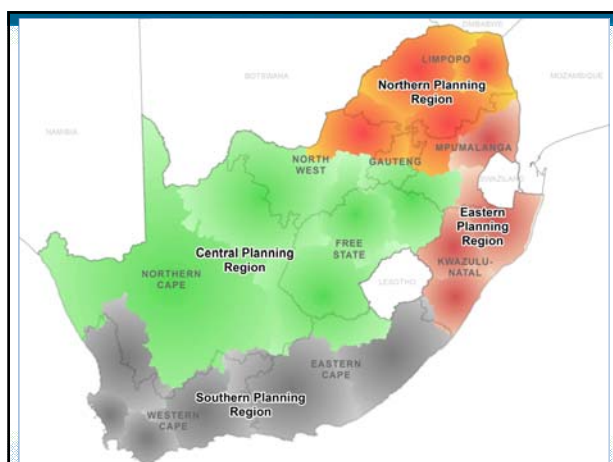
- 2008: Development of Reconciliation Strategies for All Towns
- Key general messages from All Town Studies (2008-2011)
 - Improved management will solve largest portion of immediate problems
 - 55 Towns identified in Limpopo Province where water requirements exceed water resources availability
 - Minimal metering, outdated Water Use Licenses
 - High per capita use in many towns pointing to WC/WDM potential (see also WRC Report: TT522/12)
 - Groundwater remains a feasible source of water for many towns

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Background to this Assignment cont.

- Key general messages from All Town Studies (2008-2011) cont.
 - Infrastructure constraints rather than water resource availability limitations
 - Rudimentary strategies for all towns – improvement required
- 2012: Continuation of the DWA Planning Regions' All Town Reconciliation Strategies: Phase 1
 - Update and review priority strategies - three year appointment (till 2015)

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Purpose of Study

- This assignment is the first review and updating of priority strategies
 - Budget constraints dictated that not all strategies can be reviewed and updated during this assignment
- It will be an **on-going** process even after these studies end
- Assist DWA and Water Services Authorities (WSAs) to:
 - Update and revise priority strategies
 - To remain technically relevant and sustainable
 - Reconcile water requirements and water resources (up to 2035)

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Purpose of Study cont.

- Assist DWA and WSAs (cont.) to:
 - Evaluation of interventions where shortfalls occur
 - Management and/or infrastructure
 - Align strategies with known development planning processes
 - Provide recommendations for the sustainable management of water resources
- Promote the use of strategies' information in the local, district and national planning environments

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All Town Reconciliation Strategies What is it?

- Plans of action or policy designed to ensure sufficient water is made available to towns over the next 20 years.
- Uses existing information collected (building blocks) on
 - water requirements
 - water use and infrastructure
 - water resources
 - WC/WDM
- Develop scenarios to meet water requirements for current and future use, including optimisation of local resources, improved water services and water resource management

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All Town Reconciliation Strategies What is it? Cont.

- It aims to answer these questions:
 - How much water is needed? - now and in the future
 - What water resources are available or can be made available?
 - Which interventions can be considered to achieve a balance between water needs and supply?
- Focuses on the projected annual water balance (high and low growth scenarios)
- Also consider the accuracy of all components that make up the water balance

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Reconciliation Strategies: Contents

EXECUTIVE SUMMARY

- | | |
|---------------------------------|--|
| 1 Introduction | 6 Water Balance |
| 2 Population and Demographics | 7 Water Supply Infrastructure |
| 3 Current Water Requirements | 8 Sanitation |
| 4 Water Requirement Projections | 9 Reconciliation Options |
| 5 Water Resources | 10 Water Balance – With Reconciliation Options |
| | 11 Recommendations |

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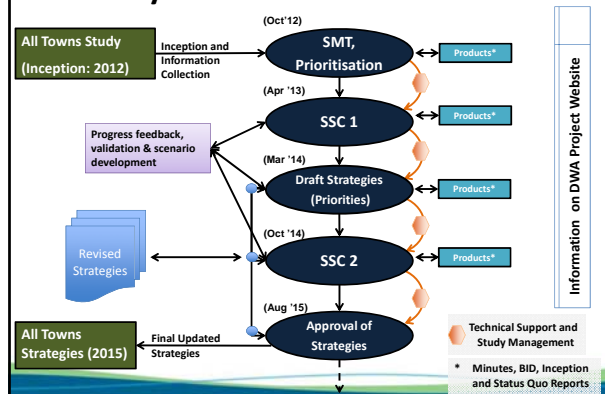
Item 7: Overview of Study Activities

Study Phases

- Inception
- Updating Priority Reconciliation Strategies
- Incorporate Comments and Finalise Reconciliation Strategies
- Study Closure

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Study Communication & Process



Inception

- Inception
 - Establish Study Management Teams (SMT)
 - Reconnaissance review of strategies
 - Develop District Municipality Summary Reports
 - Preliminary prioritisation of strategies
 - SSC Workshop 1 (this workshop)
 - Inception Report with adjusted project programme and applicable study budget

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1. Study Management Team (North)

- Northern Planning Region
 - DWA Study Leader: Mr Tendani Nditwani - Chief Water Resource Planner: NWRP (North)
 - DWA Regional Offices (Water Sector Support, Water Resources, RBIG officials)
 - Gauteng Province
 - Limpopo Province
 - Mpumalanga Province
 - North West Province
 - PSP: UWP Consulting (Pty) Ltd in association with WRP Consulting Engineers (Pty) Ltd

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2. Reconnaissance Review of Strategies

- Northern Planning Region
 - 211 rudimentary strategies (296 water supply scheme areas)
- Limpopo Province
 - 154 rudimentary strategies (263 water supply scheme areas)

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3. DM Summary Report

- DM Summary reports developed based on review
- Summary of demographics, water requirements and water balance per individual strategy
- Grouped per District and Local Municipality
- Navigable Excel file
- DM Summary Reports available from DWA – Regional Offices

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4. Preliminary prioritisation of strategies

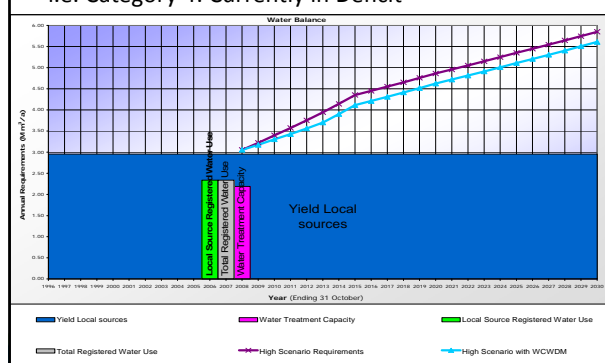
- Strategies are categorised as follows:

Water Balance Status	Category / Priority	
Town is currently in deficit	4	High
Town will be in deficit within 5 Years	3	Medium to high
Town will be in deficit in 5 to 10 years	2	Medium
Town will be in deficit after ten year or later	1	Low

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Example

- i.e. Category 4: Currently in Deficit



Prioritisation Process

- Step 1:** Identification of Category 4 strategies (towns with a water balance currently in deficit)
- Step 2:** Eliminate towns where solutions are in an advance stage of planning or implementation (RBIG projects)
- Step 3:** Add towns where RBIG or other processes are in an early stage of planning – can still be influenced by strategies' recommendations
- Step 4:** Add any other hot spot areas identified on a national, provincial or local strategic level

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Prioritisation Process cont.

- Key focus: **water resource** availability and quality to meet current and future water requirements
- The preliminary priority selection was confirmed at a screening session held with DWA: National Water Resource Planning (North) and the DWA Regional Office (Limpopo Province)
- Requesting confirmation of priorities from SSC (this workshop)

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DM Summary

- Mopani District Municipality (MDM)

LM	Strategies	Population (2010)	In Surplus	In Deficit	Preliminary Priority (schemes)
JIM331: Greater Giyani	5	188 157	5	0	5
JIM332: Greater Letaba	3	152 626	2	1	1
JIM333: Greater Izaneen	7	474 974	7	0	0
JIM334: Ba-Phalaborwa	3	133 746	3	0	0
JIM335: Maruleng	3	106 937	2	1	0
Total	21	1 056 440	19	2	6

DM Summary cont.

- Vhembe District Municipality (VDM)

LM	Strategies	Population (2010)	In Surplus	In Deficit	Preliminary Priority (schemes)
JIM341: Musina	2	29 386	2	0	1
JIM342: Mutale	5	59 625	5	0	0
JIM343: Thulamela	9	636 194	8	1	4
JIM344: Makhado	13	632 586	10	3	3
Total	29	1 357 791	25	4	8

DM Summary cont.

- Capricorn District Municipality (CDM)

LM	Strategies	Population (2010)	In Surplus	In Deficit	Preliminary Priority (schemes)
JIM351: Blouberg	11	201 555	10	1	0
JIM352: Aganang	6	160 106	6	0	0
JIM353: Molemole	2	111 601	2	0	0
JIM354: Polokwane	14	522 146	14	0	11
Total	33	995 408	32	1	11

DM Summary cont.

- Waterberg District Municipality (WDM)

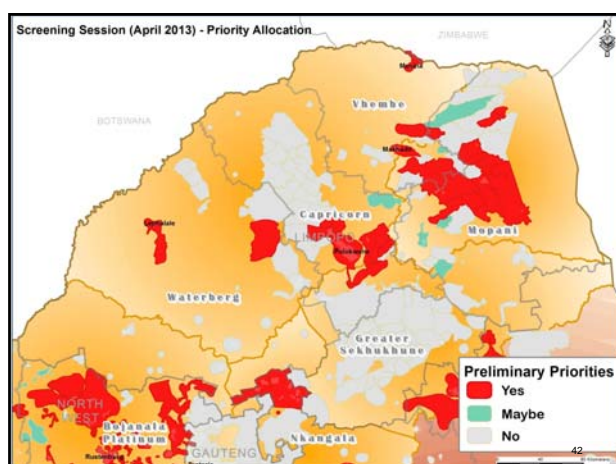
LM	Strategies	Population (2010)	In Surplus	In Deficit	Preliminary Priority (schemes)
JIM362: Lephalale	5	81 075	4	1	1
JIM364: Mookgopong	6	32 741	6	0	0
JIM365: Modimolle	3	64 300	3	0	0
JIM366: Bela-Bela	3	33 740	3	0	0
JIM367: Mogalakwena	5	328 323	2	3	1
Total	22	540 179	18	4	2

DM Summary cont.

- Greater Sekhukhune District Municipality (GSDM)*

LM	Strategies	Population (2010)	In Surplus	In Deficit	Preliminary Priority (schemes)
JIM472: Elias Motsoaledi	7	264 368	5	2	0
JIM473: Makhuduthamaga	12	300 639	10	2	0
JIM474: Fetakgomo	3	114 832	2	1	0
JIM475: Greater Tubatse	10	342 130	9	1	0
Total	32	1 021 969	26	6	0

* Most consumers to benefit from the newly constructed De Hoop Dam



Updating Priority Reconciliation Strategies

- Detailed assessment of strategies according to the following themes:
 - Demographics & economic drivers, incl. migration
 - Water requirements (importance of metering!)
 - WC/WDM
 - Infrastructure
 - Water resources (surface and groundwater)
 - Water quality
- Collate, assess data and identify gaps

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Updating Priority Reconciliation Strategies cont.

- Develop coherent water requirement scenarios
 - Low growth scenario
 - High growth scenario
- Compile water balance diagrams (up to 2035)
- Identify potential development scenarios (management and infrastructure) for reconciliation of water requirements and water resources
- Submission of updated priority strategies to DWA
- SSC Workshop 2

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Updating Reconciliation Strategies cont.

- Improve the level of confidence in building blocks used for scenario development
- Present the best available situation for short and long term planning
- Develop firm recommendations to be taken into account during planning (WSDP, IDP, water resources) and implementation of studies and projects
- Make a strategy applicable to the intended area of study – clustering of water supply areas
- Our water: to make “some for all” a reality

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Incorporate Comments and Finalise Reconciliation Strategies

- Incorporate comments received from SSC 2
- Include pertinent information that may impact the outcome of a strategy
- Finalise and submit reconciliation strategies
- Update the DM Summary Reports

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Study Closure

- Signing off updated strategies by appropriate officials
- Disseminate final strategies and DM Summary Reports via DWA website
- Skills transfer workshop to DWA officials
- Compile study closure documentation – for this appointment

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Item 8: Break-away Sessions

- Session for each DM facilitated by team member
- Confirm prioritised strategies
- Solicit information from SSC members for inclusion in the strategies

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Break-Away Sessions (Grouping: District Municipalities)

- Group 1: Mopani DM
- Group 2: Vhembe DM
- Group 3: Capricorn DM
- Group 4: Waterberg DM
- Group 5: Greater Sekhukhune DM

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Item 9: Way Forward/Study Programme

- Inception (Current)
- Continuation of the Reconciliation Strategies' Development
 - Detailed assessment of prioritised strategies
 - Update strategies
 - Submission of revised strategies to DWA (continuous)
 - SSC Workshop 2 (October 2014)
 - Presentation, discussion and responses on strategies

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Item 9: Way Forward/Study Programme

- Reconciliation Strategies' Revision and Implementation
 - Consider & incorporate comments of SSC Workshop 2
 - Prepare final draft reconciliation strategies
 - Update DM Summary Reports

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Item 9: Way Forward/Study Programme cont.

- Study Closure
 - Signing off updated strategies by appropriate officials
 - Disseminate final strategies and DM Summary Reports via DWA website
- End of this appointment: October 2015

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Thank You

- Northern Planning Region
 - For enquiries, contact:
 - DWA Study Leader: Mr Tendani Nditwani
 - Tel: +27 (0) 12 336-8189
 - Email: Nditwanit@dwa.gov.za
 - Or
 - PSP Deputy Study Leader: Ms Monja Esterhuizen
 - Tel: +27 (0) 12 424 9709
- Study Website: <http://www.dwa.gov.za/projects.aspx>
(go to All Town Strategies – Strategy Portal)

APPENDIX C BACKGROUND INFORMATION DOCUMENT (BID)

Continuation and Maintenance of Reconciliation Strategies for All Towns in the Northern Planning Region

Information Document

April 2013



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

Purpose of this document

The purpose of this document is to announce the study for the continuation and maintenance of water reconciliation strategies for towns in the northern region by the Department of Water Affairs.

The document provides background information, explains the rationale for the study and requesting participation from stakeholders to assist DWA to ensure enough water can be made available for all towns for the next thirty years.

As the Department wishes to follow a transparent process and include stakeholders as prescribed by the National Water Act of 1998, an extensive public engagement process will be followed. Part of this process involves establishing a Strategies Steering Committee (SSC) that is representative of sectors important to the study.

The SSC will be a voluntary body operating at a strategic level and ensuring that the technical aspect of the study is transparent, open and consultative and that cooperative governance is embraced.

Your organization is regarded as a key stakeholder in this process. We therefore have the pleasure to invite you to serve as a member of Northern Planning Region's All Town Reconciliation Strategies' Steering Committee and participate in regional activities during the implementation of this study.

INTRODUCTION AND CONTEXT

The Department of Water Affairs (DWA) has commissioned four three-year studies for the continuation and maintenance of the bulk water supply reconciliation strategies for all towns in the country.

The studies cover the four Water Resource Planning Areas - North, South, East and Central and **this study covers the Northern Planning Area.**

These strategies were developed in 2011 and need to be revised to remain relevant under prevailing conditions. The study is part of an on-going process to ensure sufficient water can be made available for pertinent developmental imperatives in and around all towns.

Although each town's strategy is different, key common themes were highlighted as listed below:

- Improved management will solve a significant portion of immediate problems.
- In the Northern Planning Region, the water requirements in 2010 exceeded water resources availability in 64 towns.
- Lack of water metering impedes the confidence in planning and the strategies.
- High per capita use in many towns points to the potential of saving through Water Conservation and Water Demand Management (WC/WDM).
- Groundwater remains a viable source of water for many towns.
- Supply problems relate to infrastructure constraints rather than water resource availability limitations in many towns.

Study Area

The Northern Region study area is made up of the entire Limpopo Province, the north-west part of the North West Province and the northern parts of the Gauteng and Mpumalanga Provinces respectively. Please see the map for more detailed information.

The area covers eight Districts and one Metropolitan Municipality and 229 separate town strategies were developed.

A number of towns in this region are supplied from Water Boards, which to a large extent, are already incorporated in the larger Reconciliation Strategies for the Vaal River (2009), Crocodile (West) River (2012) and Olifants River (2011) Water Supply Systems respectively.

DWA also commissioned a further study at the end of 2012 for the Development of a Reconciliation Strategy for the Luvuvhu and Letaba Water Supply System, to be completed in three years.

Documentation on these strategies is available on the DWA web page: <http://www.dwa.gov.za/projects.aspx>

In brief, this study is a further endeavour to aspire to make the slogan, "some for all", to become a reality.

The intention is to continue the maintenance, review and implementation of the reconciliation strategies even after completion of this study and phase.

OBJECTIVE FOR THE STUDY

The primary objectives of the study are to review and refine all strategies, identify priority or “hot spot” towns requiring full revisions and document the progress on how the recommended interventions (strategy actions) were implemented.

This will be carried out in collaboration with the respective Regional Offices (ROs) in the Northern Planning Region. The ROs will serve as the conduit through which the study team will engage with the designated Water Service Authorities - either Local or District Municipalities.

A further key objective is to promote the reconciliation strategies as a core planning product giving the actions needed to secure the required water resources.

The vision is for the strategies to be considered and incorporated when other plans such as the Water Services Development Plans and Integrated Development Plans are developed.

RECONCILIATION STRATEGIES: COMPONENTS

Lessons learned from strategies being reviewed and implemented in other parts of the country identified the components shown in **Figure 1**, as the main elements to consider in a reconciliation strategy. At the centre of the diagram the questions regarding how much water is **needed**, what water resources are **available** or could be made available, and which **interventions** can be considered to achieve a balance between demand and supply should be answered.

The coloured boxes indicate how each question is answered by undertaking various investigations and synthesising the results of several processes to formulate the most suitable strategy for an area and plan to reconcile the water resources with the requirements.

The particular tasks and activities relevant to the Northern Region were identified from the generic complements provided in **Figure 1** and are presented in the following section.

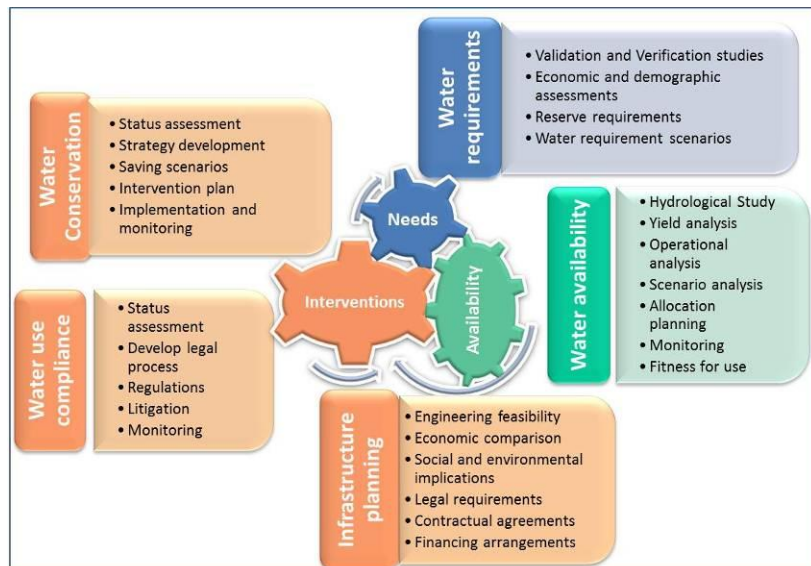


Figure 1: Reconciliation Strategies: Components

STUDY METHOD

The study for the Northern Planning Area will be carried out in eight tasks, listed in the diagram below and briefly described in the following sections.



Inception Phase

The outcomes of Inception Phase are consolidated into an Inception Report which forms the basis for the execution

of the study and will serve as the baseline against which progress of each task can be monitored and evaluated.

Once approved by the client, the Inception Report will become the Revised Terms of Reference for the remaining phases and tasks of the study.

Preliminary Strategies Steering Committee Workshops

The purpose of this task is to confirm the strategies that were identified as priority strategies as part of *Task 1: Inception Phase*. The Strategies Steering Committee workshops (one per province) will allow input from stakeholders. These strategies will then be updated during the remainder of the study period (subject to the study budget not being exceeded).

The strategies will be reviewed and evaluated on their completeness with the aim to identify the preliminary priority towns. The priority list will be presented at the workshop for discussion, amendment and the final selection will be confirmed.

Updating priority reconciliation strategies

This phase of the study encompasses the bulk of work required for the execution of this study, including the engagement of stakeholders, information sourcing,

verification of data, modelling, evaluation of scenarios and determining of reconciliation measures. It is envisaged that typical activities involved in the updating of the prioritised reconciliation strategies may include:

- Detailed assessment of the water requirements, demographics, service levels to derive future water requirement projections a planning horizon of at least 25 years (up to 2035).
- The status and impact of WC/WDM interventions within the relevant WSAs will be evaluated and an assessment of potential target savings that can possibly be achieved through WC/WDM will be estimated.
- Opportunities for water re-use will be explored.
- New schemes such as RBIG or other grant schemes will be incorporated in the intervention timeline.
- Potential gaps or inaccuracies in the surface and groundwater availability estimates will be identified and addressed.
- Water quality related planning activities that are necessary to improve and sustain the quality of the water resource in the prioritised areas where this is an issue, will be identified.
- Compare water requirements with the water resources availability to confirm the water balances status over the planning period i.e. whether and when deficits/shortfalls occur.
- Identify development scenarios/options that can meet the long term water requirement projections for areas where shortfalls/deficits occur over the planning period with preference to utilising local resources first (groundwater, re-use etc.).
- The reconciliation strategies for supply areas that depend on the same water resource will be combined (where appropriate) in order to confirm the combined strategy and water balance situation.

The deliverable of this task will be updated reconciliation strategies for the prioritised towns.

Second Strategies Steering Committee Workshops

Once approved by DWA, the strategies will be distributed to stakeholders and the Second Strategies Steering Committee workshops will be arranged for each of the provinces with the following objectives:

- To present the updated/revised strategies, to obtain comments, further guidance and agreement on the acceptability of the results.
- Agree on the preferred development scenarios and on the way forward for the compilation of the reconciliation strategies.

The deliverable of this task will be the Second Provincial Strategies Steering Committee workshops.

Complete updating of reconciliation strategies

The reconciliation strategies will be completed and finalised through the following processes:

- Consider the comments received from the Second Strategies Steering Committee workshops and undertake further studies where possible, that are required to finalise reconciliation strategies.
- Update prioritised strategies with any additional/revised information received.
- Add any significant developments, augmentation options, etc., to any of the strategies. This is to provide descriptive text to indicate where the strategies are superseded.

Based on the above, compile the final reconciliation strategies and submit to DWA for approval.

Addressing ad hoc study requests

During the course of the assignment, the study team may be requested to undertake any other ad hoc studies and/or investigations as may be required in support of the study. The study leader will assess the scope of work, the resources and time that will be required to do the work and make an estimate of the costs involved. On approval by the Client the work will then be undertaken.

Study management and administration

A key success factor for a multi-disciplinary study of this nature is the proper and co-ordinated management of the team. This is to ensure that all aspects of the study are adequately addressed by the appropriate staff and specialist(s) to the correct level of detail without losing focus of the essential holistic approach.

All activities will be monitored continuously to ensure that each one is completed on time and within budget. The management of the study will conform to the latest version of DWA's "Guidelines for Structuring the Management of Studies".

Provision has been made for Study Management Team (SMT) and Support Group (SG) meetings to guide the day-to-day management of the study.

This task ensures efficient and continuous administrative and monitoring activities for the duration of this study.

Study termination

Once approved by DWA, the final priority strategies will be distributed to the stakeholders for signing off by the identified stakeholders.

All study reports and study deliverables will be finalised and submitted during this phase. The final strategies will be incorporated into DWA's database which will then be uploaded onto the DWA's website.

Communication enquiries

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For more information on the study, visit the Department's website at: <http://www.dwa.gov.za/projects.aspx>

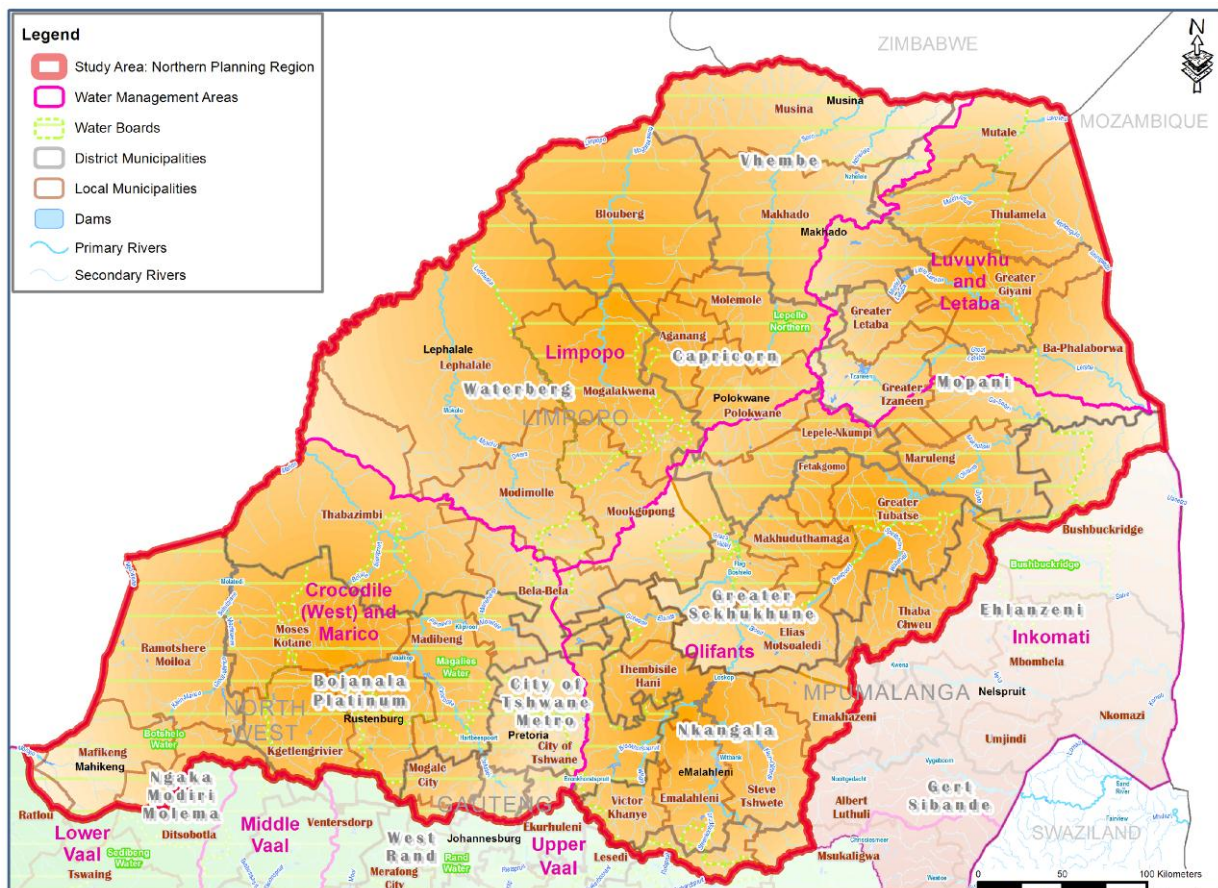
PRIORITISATION PROCESS

The steps that were followed by the study team to identify the preliminary priority towns are presented below:

- **Step 1:** Identification of Category 4 strategies (towns currently in deficit).
- **Step 2:** Eliminate towns where solutions are in an advance stage of planning or implementation (RBIG projects).
- **Step 3:** Add towns where RBIG or other processes are in an early stage of planning and can still be influenced by strategy recommendations.
- **Step 4:** Add any other hot spot areas identified on a national, provincial or local strategic level.
- The final selection was confirmed at a screening sessions held with DWA: National Water Resources Planning (Northern) and DWA Regional Offices.
- Present, discuss and request confirmation from the Strategies Steering Committee.

The 2013 preliminary assessment identified 51 of the strategies (out of the total of 229 strategies assessed) as priority areas. The breakdown per province is listed in the table below.

Province	Number of priority strategies
Gauteng	0
Limpopo	28
Mpumalanga	6
North West	17
Total	51



Continuation of the Northern Planning Region's All Town Reconciliation Strategies: Phase 1

APPENDIX D LIST OF PRIORITY STRATEGIES FOR THE LIMPOPO PROVINCE

Province	District Municipality Name (based on approximate geographic location)	Local Municipality Name (based on approximate geographic location)	Water Management Area	All Towns Report ID No.	All Towns Report Name (per water supply cluster) *	Step 1	Identification of Category 4 strategies (towns with a water balance currently in deficit)			
						Step 2	Eliminate towns where solutions are in an advance stage of planning or implementation (RBIG projects)			
						Step 3	Add towns where RBIG or other processes are in an early stage of planning – can still be influenced by strategies' recommendations			
						Step 4	Add any other hot spot areas identified on a national, provincial or local strategic level			
						Step 5: SSC	Obtain input and comments from the Strategies Steering Committee Workshop and finalise priorities			
						Step 5: SSC	Step 1	Step 4	Strategies Cluster	
Prov	DM Code and Name	LM Code and Name	WMA Name	AT Rpt ID No.	Report Name	SSC Priority	Deficit	5 Strategic Areas	Cluster	Comments
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	55	Greater Giyani Systems A and B Strategy	Yes	Low	yes	Greater Giyani System A B	From 5 strategic priority areas
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	58	Greater Giyani Systems C Strategy	Yes	Low	yes	Greater Giyani System C	From 5 strategic priority areas
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	59	Greater Giyani Systems D Strategy	Yes	Low	yes	Greater Giyani System D	From 5 strategic priority areas
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	56	Greater Giyani Systems F1 Strategy	Yes	Low	yes	Greater Giyani System F1	From 5 strategic priority areas
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	57	Greater Giyani Systems F2 Strategy	Yes	Low	yes	Greater Giyani System F2	From 5 strategic priority areas
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	8	Makhado Mapuve System RWS Strategy	No	High		Makhado Mapuve System RWS Strategy	
LP	DC33: Mopani	LIM331: Greater Giyani	Luvuvhu and Letaba	8	Makhado Mapuve System RWS Strategy	No	High		Makhado Mapuve System RWS Strategy	
LP	DC33: Mopani	LIM332: Greater Letaba	Luvuvhu and Letaba	218	Modadji Dam Regional Water Supply Scheme Area	No	High		Modadji Dam	
LP	DC33: Mopani	LIM332: Greater Letaba	Luvuvhu and Letaba	60	Sekgopo Local GWS Strategy	No	Low		Sekgopo Individual	Problems seem to be mainly infrastructure related
LP	DC33: Mopani	LIM332: Greater Letaba	Luvuvhu and Letaba	61	Sekgoses Individual GW Scheme Strategy	Yes	High		Sekgoses Individual	At workshop regarded as priority as boreholes are already running dry. They are already looking at other possible resources
LP	DC33: Mopani	LIM333: Greater Tzaneen	Luvuvhu and Letaba	62	Modjadjiskloof WS Strategy	Yes	High		Modjadjiskloof	Their allocation seem to be a problem. Water purification plant need to be upgraded.
LP	DC33: Mopani	LIM333: Greater Tzaneen	Luvuvhu and Letaba	63	Ritavi I Letaba WSS Strategy	Maybe	High		Ritavi I Letaba	Concerns about their allocation
LP	DC33: Mopani	LIM333: Greater Tzaneen	Luvuvhu and Letaba	64	Ritavi II RWS Strategy	Maybe	Low		Ritavi II	Concerns about their allocation
LP	DC33: Mopani	LIM333: Greater Tzaneen	Olifants	233	Greater Tzaneen 1 - see ATRptID 62	No	Unknown			
LP	DC33: Mopani	LIM333: Greater Tzaneen	Luvuvhu and Letaba	65	Thabina RWS Strategy	No	Medium		Thabina	
LP	DC33: Mopani	LIM333: Greater Tzaneen	Luvuvhu and Letaba	66	Thapane Dam RWS Strategy	Yes	High		Thapane	Dam did run dry. Borehole yields in general low.
LP	DC33: Mopani	LIM333: Greater Tzaneen	Olifants	67	Tours RWS Strategy	Yes	High		Tours	Dam did run dry. Already using groundwater resources. There are also small scale irrigation farmers using water from the dam. Proper operating rule for water use by irr and domestic use from the dam might need attention
LP	DC33: Mopani	LIM333: Greater Tzaneen	Luvuvhu and Letaba	68	Tzaneen Individual Supply Strategy	No	Low		Tzaneen Individual Supply	
LP	DC33: Mopani	LIM334: Ba-Phalaborwa	Luvuvhu and Letaba	69	Ba-Phalaborwa Individual Supply 2 Strategy	No	Low		Ba Phalaborwa Individual Supply II	
LP	DC33: Mopani	LIM334: Ba-Phalaborwa	Olifants	228	Leydsdorp Local WS	No	Unknown			
LP	DC33: Mopani	LIM334: Ba-Phalaborwa	Olifants	70	Murchison Local WS Strategy	No	Low		Murchison	
LP	DC33: Mopani	LIM334: Ba-Phalaborwa	Olifants	71	Namagale Olifants River/Namagale/Luleka ni RWS Strategy	No	Low		Namagale-Lulekani	
LP	DC33: Mopani	LIM335: Maruleng	Olifants	72	Hoedspruit Kampersrus WS Strategy	No	Low		Hoedspruit Kampersrus	
LP	DC33: Mopani	LIM335: Maruleng	Olifants	73	Mametja Sekororo RWS Cluster Strategy	No	High		Mametja Sekororo	Although there is an RBIG project it seems it is not getting off the ground. Permits for abstraction also a problem
LP	DC33: Mopani	LIM335: Maruleng	Olifants	230	Maruleng Farms Supply [balance of the population, not a specific scheme area]	No	Unknown			
LP	DC33: Mopani	LIM335: Maruleng	Olifants	6	Maruleng Individual Supply Calais	No	High		Maruleng Individual Supply Calais	
LP	DC33: Mopani	LIM342: Mutale	Luvuvhu and Letaba	20	Luphephe Nwanedzi Main RWS Strategy	No	Low		Luphephe Nwanedzi Main RWS Strategy	
LP	DC33: Mopani	LIM342: Mutale	Limpopo	21	Luphephe Nwanedzi North Strategy	No	Low		Luphephe Nwanedzi North Strategy	
LP	DC33: Mopani	LIM342: Mutale	Luvuvhu and Letaba	22	Makuya Mutale	No	High		Makuya Mutale	
LP	DC33: Mopani	LIM342: Mutale	Luvuvhu and Letaba	23	Masisi Strategy	No	Low		Masisi Strategy	
LP	DC33: Mopani	LIM342: Mutale	Luvuvhu and Letaba	24	Mutale Main Strategy	No	High		Mutale Main Strategy	
LP	DC33: Mopani	LIM343: Thulamela	Luvuvhu and Letaba	39	Damani Thulamela Strategy	No	Low		Damani Thulamela Strategy	
LP	DC33: Mopani	LIM343: Thulamela	Luvuvhu and Letaba	42	Mutale Makuya Thulamela Strategy	No	Low		Mutale Makuya Thulamela Strategy	
LP	DC33: Mopani	LIM343: Thulamela	Luvuvhu and Letaba	43	North Malamulele-East Thulamela Strategy	No	Low		North Malamulele East Thulamela Strategy	
LP	DC33: Mopani	LIM343: Thulamela	Luvuvhu and Letaba	45	South Malamulele Strategy	No	Medium to high		South Malamulele Thulamela Strategy	
LP	DC33: Mopani	LIM343: Thulamela	Luvuvhu and Letaba	47	Vondo Strategy	No	Low		Vondo Thulamela Strategy	

Prov	DM Code and Name	LM Code and Name	WMA Name	AT Rpt ID No.	Report Name	SSC Priority	Deficit	5 Strategic Areas	Cluster	Comments
LP	DC34: Vhembe	LIM341: Musina	Limpopo	74	Luphephe Nwandedzi North RWS Musina Strategy	Maybe	Medium to high		Luphephe Nwandedzi North RWS Musina Strategy	GWQ problem. The area is supplied by groundwater. The town is currently not in deficit but is experiencing water quality issues (Strategy also mentioned that the groundwater water quality is in a Class 2 and Class 3).
LP	DC34: Vhembe	LIM341: Musina	Limpopo	75	Musina RWS Strategy	Yes	Low	yes	Musina RWS Strategy	From 5 strategic priority areas.
LP	DC34: Vhembe	LIM343: Thulamela	Luvuvhu and Letaba	40	Lambani Thulamela Strategy	Yes	High		Lambani Thulamela Strategy	
LP	DC34: Vhembe	LIM343: Thulamela	Luvuvhu and Letaba	41	Malamulele West Strategy	Yes	High		Malamulele West Thulamela Strategy	
LP	DC34: Vhembe	LIM343: Thulamela	Limpopo	44	Nzhelele Strategy	Yes	High		Nzhelele Thulamela Strategy	
LP	DC34: Vhembe	LIM343: Thulamela	Luvuvhu and Letaba	46	Tshifudi Strategy	Yes	High		Tshifudi Thulamela Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	7	Buysdorp Strategy	No	High		Buysdorp Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	234	Levubu CBD	No	Low			
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	9	Makhado Strategy	Yes	Low	yes	Makhado Strategy	From 5 strategic priority areas
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	10	Matshavhawe Kunda Strategy	No	Low		Matshavhawe Kunda Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	11	Middle Letaba Strategy	Yes	High		Middle Letaba Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	11	Middle Letaba Strategy	Yes	High		Middle Letaba Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	12	Nzhelele Makhado Strategy	Yes	High		Nzhelele Makhado Strategy	coal mines are being developed in the area (woomer, close to Nzhelele Dam) and are looking for water. Need to confirm whether the impact of mining development has been accounted for in the strategy. Note: There is also an unused dam in forestry area (re
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	235	Nzhelele North RWS	No	Low			
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	13	Sinthumule Kutama Strategy	No	High		Sinthumule Kutama Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	15	Tshakuma RWSS Strategy	No	Medium to high		Tshakuma Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	14	Tshifiri Murunwa Strategy	No	Medium		Tshifiri Murunwa Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	16	Tshitale RWS Strategy	No	Medium to high		Tshitale Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	17	Valdezia RWS Strategy	No	Medium to high		Valdezia Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Limpopo	18	Vhembe Individual Strategy	No	Low		Vhembe Individual Strategy	
LP	DC34: Vhembe	LIM344: Makhado	Luvuvhu and Letaba	19	Vondo South Strategy	No	Low		Vondo South Strategy	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	76	Alldays Groundwater Scheme Strategy	No	High		Alldays GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	77	Archibald Groundwater Scheme Strategy	No	High		Archibald GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	78	Avon GWS Strategy	No	High		Avon GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	226	Blouberg LM Farms supply [balance of the population, not a specific scheme area]	Maybe	Unknown			A concern is the sharing of water resources for domestic supply and irrigation in the Dendron, Vivo, Bochum area (triangle). About 20% of RSA potato production is done in this area. Possible over utilisation of the resource. Study Team to assess the rel
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	79	Blouberg RWS Strategy	No	Medium to high		Blouberg RWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	80	Ga-Hlako RWS Strategy	No	High		Ga Hlako RWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	81	Ga-Rawesi GWS Strategy	No	Low		Ga-Rawesi GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	82	Gorkum GWS Strategy	No	High		Gorkum GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	83	Senwabarwana GWS Strategy	Maybe	Medium to high		Senwabarwana GWS	A concern is the sharing of water resources for domestic supply and irrigation in the Dendron, Vivo, Bochum area (triangle). About 20% of RSA potato production is done in this area. Possible over utilisation of the resource. Study Team to assess the rel
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	84	Silwermyr / Kirstenspruit GWS Strategy	No	Low		Silwermyr_Kirstenspruit GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	85	Taai Boschgroet GWS Strategy	No	High		Taai Boschgroet GWS	
LP	DC35: Capricorn	LIM351: Blouberg	Limpopo	86	Thalahane GWS Strategy	No	High		Thalahane GWS	
LP	DC35: Capricorn	LIM352: Aganang	Limpopo	87	Aganang East GWS Aganang Strategy	No	High		Aganang East GWS	
LP	DC35: Capricorn	LIM352: Aganang	Limpopo	88	Aganang North GWS Aganang Strategy	Maybe	Low		Aganang North GWS	In the Towns; Aganang North (ID 88), Bakone (ID 89) and Ga-Mokobodi (ID 90) the boreholes are running dry, indicating current water resource problems. Bernie Badenhorst indicated the consultants EVN are doing a feasibility study which is looking at optio
LP	DC35: Capricorn	LIM352: Aganang	Limpopo	89	Bakone GWS Aganang Strategy	Maybe	Medium to high		Bakone GWS	In the Towns; Aganang North (ID 88), Bakone (ID 89) and Ga-Mokobodi (ID 90) the boreholes are running dry, indicating current water resource problems. Bernie Badenhorst indicated the consultants EVN are doing a feasibility study which is looking at optio
LP	DC35: Capricorn	LIM352: Aganang	Limpopo	90	Ga-Mokobodi GWS Aganang Strategy	Maybe	Low		Ga-Mokobodi GWS	In the Towns; Aganang North (ID 88), Bakone (ID 89) and Ga-Mokobodi (ID 90) the boreholes are running dry, indicating current water resource problems. Bernie Badenhorst indicated the consultants EVN are doing a feasibility study which is looking at optio
LP	DC35: Capricorn	LIM352: Aganang	Limpopo	91	Houtrivier RWS Aganang Strategy	No	Medium		Hout River RWS	
LP	DC35: Capricorn	LIM352: Aganang	Limpopo	92	Moleitje South GWS Aganang Strategy	No	High		Moleitje South GWS	
LP	DC35: Capricorn	LIM353: Molemole	Limpopo	3	Matoks Supply Area Strategy	Maybe	High		Matoks Supply Area	Has been updated, recheck formatting etc.
LP	DC35: Capricorn	LIM353: Molemole	Limpopo	94	Molemole West Individual GWS Strategy	Maybe	High		Molemole West Supply Area	A concern is the sharing of water resources for domestic supply and irrigation in the Dendron, Vivo, Bochum area (triangle). About 20% of RSA potato production is done in this area. Possible over utilisation of the resource. Study Team to assess the rel
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	95	Polokwane Strategy	Yes	High		Badimong	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	225	Bergnek GWS Polokwane	No	Unknown			

Prov	DM Code and Name	LM Code and Name	WMA Name	AT Rpt ID No.	Report Name	SSC Priority	Deficit	5 Strategic Areas	Cluster	Comments
LP	DC35: Capricorn	LIM354: Polokwane	Olifants	96	Boyne RWS Polokwane Strategy	No	High		Boyne	
LP	DC35: Capricorn	LIM354: Polokwane	Olifants	97	Chuene Maja RWS Polokwane Strategy	Yes	High		Chuene Maja	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	98	Hout River RWS Polokwane Strategy	Yes	High		Hout River	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	99	Laaste Hoop RWS Polokwane Strategy	Yes	High		Laaste Hoop	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	100	Mankweng RWS Polokwane Strategy	Yes	High		Mankweng	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Olifants	101	Molepo RWS Polokwane Strategy	Yes	High		Molepo	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	102	Moletje East GWS Polokwane Strategy	Yes	High		Moletje East	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	103	Moletje North GWS Polokwane Strategy	Yes	High		Moletje North	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	104	Moletje South GWS Polokwane Strategy	No	Low		Moletje South	
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	105	Mothapo RWS Polokwane Strategy	Yes	High		Mothapo	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	1	Olifants-Sands Strategy	Yes	Low	yes	Olifants-Sands	From 5 strategic priority areas. 4.Polokwane population figures used in the strategy was highlighted as a concern. A Study by Glen Stein (G5) for Lebalelo has been done and should be considered in the update of the strategy. Report will be sent to the
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	232	Polokwane LM Farms Supply Polokwane [balance of the population, not a specific scheme area]	No	Unknown			
LP	DC35: Capricorn	LIM354: Polokwane	Limpopo	106	Sebayeng-Dikgale RWS Polokwane Strategy	Yes	High		Sebayeng-Dikgale	To confirm from SSC workshop
LP	DC35: Capricorn	LIM354: Polokwane	Olifants	107	Segwasi RWS Polokwane Strategy	No	High		Segwasi	
LP	DC35: Capricorn	LIM355: Lepele-Nkumpi	Olifants	108	Flag Boshilo RWS West Lepelle -Nkumpi Strategy	No	High		Flag Boshilo RWS West	
LP	DC35: Capricorn	LIM355: Lepele-Nkumpi	Olifants	109	Groothoek RWS Lepelle-Nkumpi Strategy	Maybe	Medium		GSM RWS	Bernie Badenhorst asked that WC/WDM in Lebowaqomo need to be a priority. Study Team to identify which strategies are in Lebowaqomo. Then ask WC/WDM team to identify if there are WC/WDM plans for these areas – give a status assessment based on readily a
LP	DC35: Capricorn	LIM355: Lepele-Nkumpi	Olifants	110	Mafefe Individual GWS Lepelle-Nkumpi Strategy	No	Low		Mafefe Individual GWS	
LP	DC35: Capricorn	LIM355: Lepele-Nkumpi	Olifants	111	Mathabatha Individual GWS Lepelle-Nkumpi Strategy	No	Low		Mathabatha Individual GWS	
LP	DC36: Waterberg	LIM361: Thabazimbi	Crocodile (West) and Marico	112	Leeupoort Strategy	No	High		Leeupoort & Raphuti	
LP	DC36: Waterberg	LIM361: Thabazimbi	Crocodile (West) and Marico	113	Northam Strategy	No	Low		Northam	
LP	DC36: Waterberg	LIM361: Thabazimbi	Crocodile (West) and Marico	114	Rooiberg Strategy	No	Low		Rooiberg	
LP	DC36: Waterberg	LIM361: Thabazimbi	Crocodile (West) and Marico	25	Thabazimbi Urban Strategy	No	Low		Thabazimbi Urban	
LP	DC36: Waterberg	LIM362: Lephalale	Limpopo	115	Ga-Seleka RWS Strategy	No	High		Ga-Seleka	
LP	DC36: Waterberg	LIM362: Lephalale	Limpopo	116	Lephalale (Ellisras Urban) Strategy	Yes	Medium to high		Lephalale (Ellisras Urban)*	It was felt that this priority could be reconsidered as projects are underway and at an advanced stage to ensure water supply to Lephalale - the extreme strategic importance of the supply to Lephalale could however mean that the priority should remain
LP	DC36: Waterberg	LIM362: Lephalale	Limpopo	117	Lephalale Shongwane Strategy	No	High		Lephalale Shongwane	
LP	DC36: Waterberg	LIM362: Lephalale	Limpopo	118	Mokuranyane RWS Strategy	No	Low		Mokuranyane	
LP	DC36: Waterberg	LIM362: Lephalale	Limpopo	119	Witpoort RWS Strategy	No	Low		Witpoort	
LP	DC36: Waterberg	LIM364: Mookgopong	Olifants	231	Mookgophong LM Farms Supply [balance of the population, not a specific scheme area]	No	Unknown		Mookgophong LM Farms	
LP	DC36: Waterberg	LIM364: Mookgopong	Limpopo	120	Mookgophong RWS (Naboomspuit) Strategy	No	High		Mookgophong RWS (Naboomspuit)	
LP	DC36: Waterberg	LIM365: Modimolle	Limpopo	121	Mabaleng (Alma) Strategy	No	High		Mabaleng (Alma)	
LP	DC36: Waterberg	LIM365: Modimolle	Limpopo	122	Mabatlane (Vaalwater) Strategy	No	High		Mabatlane (Vaalwater)	
LP	DC36: Waterberg	LIM365: Modimolle	Limpopo	123	Modimolle Urban (Nylstroom) Strategy	No	Medium		Modimolle Urban (Nylstroom)	
LP	DC36: Waterberg	LIM366: Bela-Bela	Crocodile (West) and Marico	124	Bela-Bela Urban Supply Strategy	No	High		Bela-Bela Urban	
LP	DC36: Waterberg	LIM366: Bela-Bela	Crocodile (West) and Marico	125	Pienaarsrivier RWS Strategy	No	Low		Pienaarsrivier	
LP	DC36: Waterberg	LIM366: Bela-Bela	Olifants	126	Rapotkwane Supply Strategy	No	Low		Rapotkwane	
LP	DC36: Waterberg	LIM367: Mogalakwena	Limpopo	127	Bakenberg Strategy	Maybe	High		Bakenberg	It was felt that this priority could be reconsidered as the potential future Magalies Water pipeline from Rust de Winter dam to Moogophong and Mogalakwena should also supply Bakenberg. Supply from Flag Boshilo is also an option. (B Badenhorst)
LP	DC36: Waterberg	LIM367: Mogalakwena	Limpopo	128	Ga-Phahladira Strategy	No	High		Ga-Phahladira	
LP	DC36: Waterberg	LIM367: Mogalakwena	Limpopo	129	Mapela Cluster Strategy	No	High		Mapela	
LP	DC36: Waterberg	LIM367: Mogalakwena	Limpopo	130	Mokopane Cluster Strategy	No	Low		Mokopane	
LP	DC36: Waterberg	LIM367: Mogalakwena	Limpopo	131	Rebone & Glen Alpine Strategy	No	Medium to high		Rebone & Glen Alpine	

Prov	DM Code and Name	LM Code and Name	WMA Name	AT Rpt ID No.	Report Name	SSC Priority	Deficit	5 Strategic Areas	Cluster	Comments
LP	DC47: Greater Sekhukhune	LIM471: Ephraim Mogale	Olifants	132	Flag Boshielo RWS/Flag Boshielo Central Strategy	No	High		Flag Boshielo RWS/ Marble Hall	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM471: Ephraim Mogale	Olifants	133	Kwandebele/Renosterkop/Marble Hall Strategy	No	High		Kwandebele/Renosterkop/Marble Hall	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM471: Ephraim Mogale	Olifants	134	Marble Hall Strategy	No	Low		Marble Hall	
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	137	De Hoop/Nebo Plateau/Carbonatites/Spitskop Strategy	No	High		De Hoop/Nebo Plateau/Carbonatites/Spitskop	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	135	De Hoop/Nebo Plateau/Monsterlus Strategy	No	Low		De Hoop/Nebo Plateau/Monsterlus	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	136	De Hoop/Nebo Plateau/Sephaku Strategy	No	High		De Hoop/Nebo Plateau/Sephaku	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	138	Elias Motsoaledi/Lukau Strategy	No	Medium		Lukau	
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	139	Kwandebele/Renosterkop/Elias Motsoaledi Strategy	No	High		Kwandebele/Renosterkop/Elias Motsoaledi	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	140	Roosenekal Strategy	No	Low		Roosenekal	
LP	DC47: Greater Sekhukhune	LIM472: Elias Motsoaledi	Olifants	2	Zaaiplaas Strategy	No	Low		De Hoop/Nebo Plateau/Zaaiplaas	
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	143	De Hoop Group 2 Middle Ngwaritsi Strategy	No	High		De Hoop Group 2 Middle Ngwaritsi	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	4	De Hoop Group 3 Vergelegen	No	High		De Hoop Group 3 Vergelegen	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	5	De Hoop Group 4 Ngwaritsi	No	High		De Hoop Group 4 Ngwaritsi	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	141	De Hoop Group 5 Lepellane Strategy	No	High		De Hoop Group 5 Lepellane	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	144	De Hoop Group 6 Nkading Strategy	No	High		De Hoop Group 6 Nkading	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	145	De Hoop Group 7 Schoonoord Strategy	No	High		De Hoop Group 7 Schoonoord	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	146	De Hoop Group 9 Spitskop Strategy	No	High		De Hoop Group 9 Spitskop	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	147	Flag Boshielo_Makhuduthamaga Strategy	No	High		Flag Boshielo RWS/Makhuduthamaga	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	148	Leolo Local Sources Strategy	No	High		Leolo Local Sources	
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	157	Mampuru Strategy	No	High		De Hoop Group 8 Mampuru	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	150	Piet Gouws Veeplaas Strategy	No	Low		Piet Gouws Veeplaas	
LP	DC47: Greater Sekhukhune	LIM473: Makhuduthamaga	Olifants	149	Piet Gouws/Masemola Strategy	No	Medium		Piet Gouws/Masemola	
LP	DC47: Greater Sekhukhune	LIM474: Fetakgomo	Olifants	151	De Hoop/Nebo Plateau/Lephellane Strategy	No	High		De Hoop/Nebo Plateau/Lephellane	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM474: Fetakgomo	Olifants	152	Lebalelo North WS Strategy	No	High		Lebalelo North	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM474: Fetakgomo	Olifants	153	Olifantspoort South Strategy	No	Low		Olifantspoort South	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	154	Blyde Local Sources Strategy	No	High		Blyde Local Sources	
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	155	Burgersfort Strategy	No	High		Burgersfort	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	142	De Hoop Group 8 Nebo Plateau Mampuru Strategy	No	High		De Hoop Group 8 Nebo Plateau Mampuru	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	156	De Hoop/Nebo Plateau/Malekana Strategy	No	High		De Hoop/Nebo Plateau/Malekana	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	158	Lebalelo Central North & South WS Strategy	No	High		Lebalelo Central North & South WS	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	159	Lower Steelpoort Strategy	No	Medium		Lower Steelpoort Tubatse Praktiseer	But, consider Olifants Recon - review & update strategy when new information available
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	224	Lower Steelpoort Tubatse/Mooihoek Water Scheme	No	High		Lower Steelpoort Tubatse/Mooihoek	
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	161	Ohrigstad Strategy	No	High		Ohrigstad	
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	162	Phenge Local Sources Strategy	No	High		Phenge Local Sources	
LP	DC47: Greater Sekhukhune	LIM475: Greater Tubatse	Olifants	160	Steelpoort Town Strategy	No	High		Steelpoort Town	But, consider Olifants Recon - review & update strategy when new information available

* Note that some strategies include more than one water supply scheme in the report - based on a supply area using the same water resource

** The allocation of priorities is based on the water balance, strategic importance and water source quality

SSC Workshop Priority Allocation - DWA Northern Planning Region

Summary

Province	Maybe	No	Yes	Grand Total
GT	1	7	0	8
LP	12	112	30	154
MP	0	18	6	24
NW	14	23	6	43
Grand Total	27	160	42	229