



Masibambane Coordinating Committee Meeting

22 – 23 September 2009

STRATEGIC OVERVIEW OF WATER SECTOR PROGRESS FOR 1st QUARTER 2009/2010 (April – June 2009)




water & forestry

Department:
Water Affairs and Forestry
REPUBLIC OF SOUTH AFRICA





STRATEGIC WATER SECTOR HIGHLIGHTS

- 
- The Department has made progress nationally in developing a cross Sectoral approach (agriculture, energy, business and industries, basic consumption, mining, infrastructure development etc) to water management through its **water for growth and development strategic framework**.
 - The framework seeks to align all related issues in order to come up with a comprehensive adaptation model for the future i.e. synergise competencies, minimise duplication and maximise efficiency



Key KPIs within Masibambane III



Reduction in Service Backlogs

KPI 01- Decrease in population without access to a basic water supply facility

KPI 02 - Decrease in households without access to a basic sanitation facility

KPI 03 - Decrease in number of schools without access to a basic water and sanitation services

KPI 04 - Decrease in number of clinics without access to a basic water and sanitation services

KPI 05 – Eradication of bucket toilet system in formal established settlements

Institutional Development and Performance

KPI 06 Institutional Management & Planning Skills of WSA's

KPI 07 - Enhanced Water Service Provider Capacity

KPI 08 - Establishment and Development of CMA's

KPI 09 - Implementation of Integrated Water Resource Management in priority areas

Role of Civil Society

KPI 10 Enhanced role of Civil Society Organizations

Sector Collaboration

KPI 11 - Strengthening Collaborative Structures

KPI 12 – DWAF Sector Reporting



WS SERVICE DELIVERY PROGRESS AS OF JUNE **2009**

- The number of buckets eradicated is 904; the backlog is 8,140 end March 2009 backlog was 9,044
- Household sanitation – 37,232 households served (excluding buckets). The backlog is 2,964,126 households
- Schools water - 6 under construction (530 annual target)
- Schools sanitation - 83 under construction and 2 completed (436 annual target)

Free Basic Water:

- total households served 86.10%
- poor household served 86.55%



Regional Bulk

- 2 feasibility studies conducted (Both in NC)
- 2 projects completed Mbashe (EC) WTW and Maquassi Hills (NW) RWS
- 6 projects at design stage
- 5 projects at tender stage
- 24 projects at construction stage
- 26 performance audits undertaken
- 7.35% of the annual budget (R611.5 m) spent



Compliance Monitoring and Enforcement

- 12 cases reported (3 from WSAs and 9 from agriculture sector)
- 2 Agric and 7 WSAs cases were served with summons
- 5 directives were served

“It is better to catch water at home, than to chase it down the hill”

Rain is Water-Harvest it!



EVERY DROP OF WATER COUNTS

'Raw water' RWH
stored in the soil

More than 10 000m³/yr

Municipal Indaba 2008

RWH Resolution 2:

Implement all

3 types of RWH

'Raw water' RWH –
stored in underground tanks

(large volume of run-off & storage)

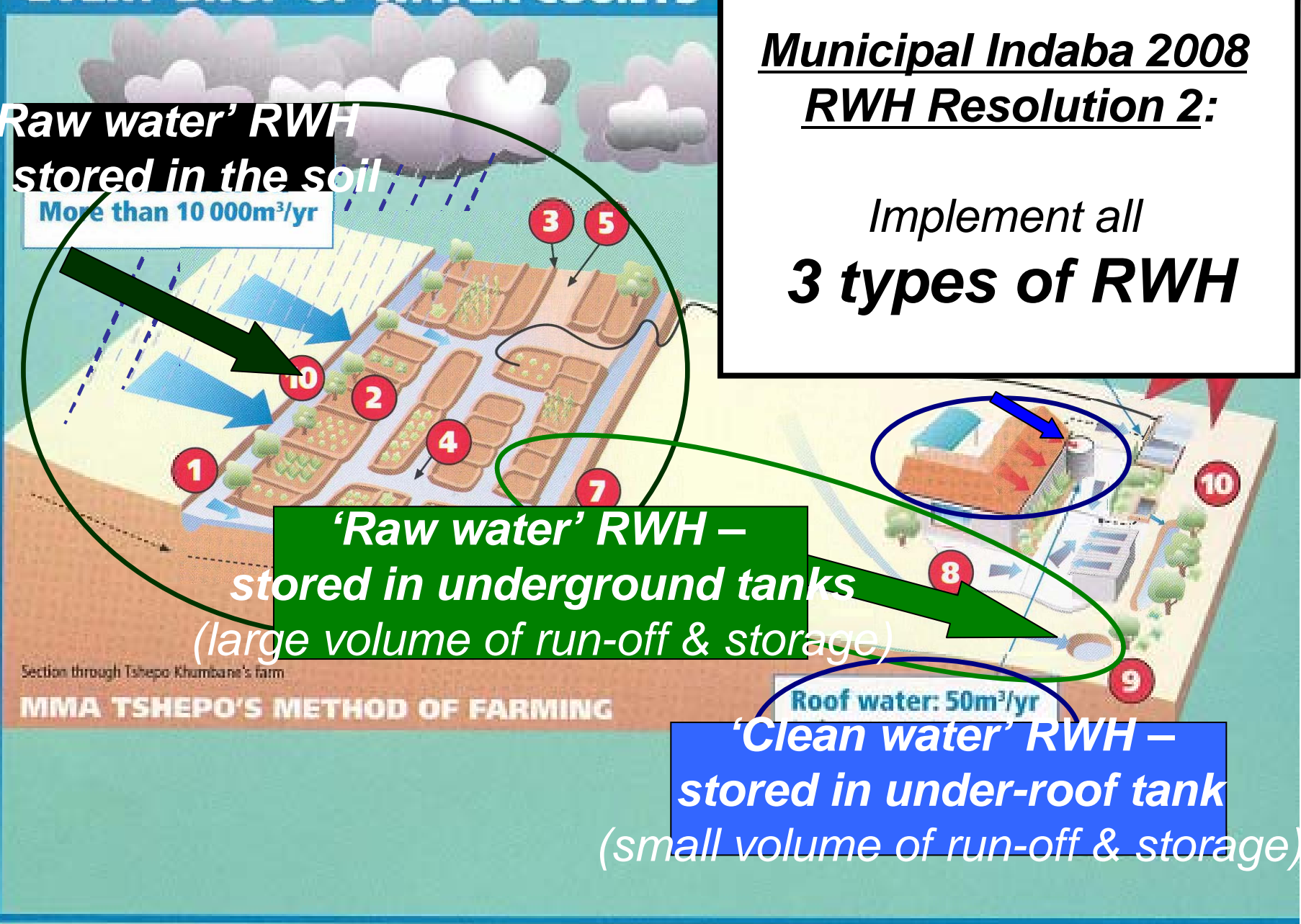
'Clean water' RWH –
stored in under-roof tank

(small volume of run-off & storage)

Section through Tshepo Khumbane's farm

MMA TSHEPO'S METHOD OF FARMING

Roof water: 50m³/yr





DWA RWH Pilot

- Underground storage of up to 30kl for backyard gardens = food security



RWH projects 2009/10

PROVINCE	Project Area	Planned Households	Progress to date/ province
Eastern Cape	Gogela	35	62%
	Keiskammahoek	35	
	Port St Johns	35	
Mpumalanga	Moretele	40	42%
	Mawa	35	
Limpopo	Sekhukhune	30	69%
	Tshikonelo	20	
Kwazulu-Natal	Mzimkulu	35	56%
	Mzimela	48	
	Potshini	40	
Free State	Phuthaditjaba	40	47%
	ThabaNchu	115	
	Jacobsdal	12	
	Springfontein	18	



Resource Poor Farmers



- R3.5 Million spent on this project to benefit 466 farmers in NC

- Bulk water distribution infrastructure for irrigation





Institutional Realignment and its effect on the establishment of CMAs



- Initial strategy was to establish 19 CMAs
- To date, less than three have been established
- There are indications that some proposed CMAs will not be financially viable (limited revenue base, high overhead costs, etc)
- Establishing 19 CMAs would be costly, and further require technical skills capacity of which there is limited availability and regulatory capacity (within DWA)



Proposed Realignment: CMAs

- Consolidate 19 to 9
- Integrate functions of WUAs into CMAs
- Amendment of legislation to cater for the existence of the proposed institutions and their respective functions
- Economies of scale to capture synergies for effective service delivery
- Improved oversight & regulation by the department
- Better inter-WMA co-operation & co-ordination



Africa Participation

- Capacity building programme for the 7 SADC countries focusing on SMME establishment, project management, water economics and IWRM
- Project Technical site visit undertaken to Katanga Province (DRC)

Shared Watercourses Agreements

The protocol has set a framework for water resource development and management

Lesotho Highlands Water Commission (LHWC)

- The Heads of Agreement between Lesotho and South Africa signed an agreement on Phase II of LHWC



Africa Participation cont...

Permanent Water Commission (SA and Namibia)

- Agreement was signed on water sharing to recognize existing water use along common border area between the two countries along the Lower Orange River

Tripartite Permanent Technical Committee (SA, Mozambique and Swaziland)

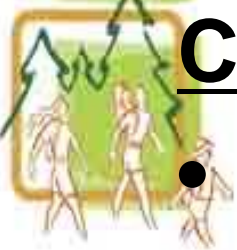
- Negotiations between SA and Swaziland with Impala Sitilo Supply Agreement have been finalized



Sustainability Pillars



Civil Society Organizations



- The following projects were engaged in the reporting period:
 - WCDM at Dr James Moroka Municipality in Mpumalanga
 - Raising Citizen's voice, Health and Hygiene and WCDM in Western Cape through the City of Cape Town



Sustainability Pillars Cont..

- Gauteng integrated sustainability pillars (SP) at the project level: Emthonjeni awareness centre;
- Discussions commenced with KZN, MP and NW and SP projects were identified;
- Dialogues held with NW local and district municipalities on the integration of HIV/AIDS and gender mainstreaming in municipal projects



Sector Collaboration



Water Sector Leadership Group

- Was held in June, theme was Mainstreaming Water as Central to planning for Economic Growth and Development



Provincial collaboration structures

- Provincial Water Indaba was held in Eastern Cape
- Northern Cape forum held and the emphasis was on Waste Water Treatment Works
- In MP IGR will be launch during the Provincial Water Indaba
- GP, NC and WC reviewed their PWSP in line with WfGD Framework



Drinking Water Quality

The following national compliance figures indicate average SANS 241 compliance for the quarter for respective water quality parameter groupings:

- Microbiological limits 94% (Target 97%)
- Chemical (Health) 96% (Target 85%)
- Chemical (Non-health) 95% (Target 85%)

Great improvement in MP from 63% in April to 92% in June for compliance to microbiological limits



Drinking Water Quality cont...

- Free State has recorded 100% compliance to health standards throughout the quarter
- Gauteng has maintained compliance to DWA target on non-health throughout the quarter
- Northern Cape has maintained compliance to the submission ratio throughout the quarter
- The Blue Drop assessments resulted in the certification of 22 water supply systems across the country
- Blue drop certification awards ceremony took place Port Elizabeth.



Local Government Support



Planning

- 312 IDP processes were completed in the WSAs
- New WSDP guidelines were tested in 5 WSAs
- Water Sector Assessment Plans were developed in FS and NW



Regulatory Performance Management System

- WSA Checklist has been replaced by RPMS
- Piloting of RPMS has been conducted and completed in 60 WSAs
- Successes of WSA Checklist will be used in assisting the roll out plan of RPMS



Local government Support cont...



MSIG

- CGTA and DWA agreed on the framework for MSIG to be accommodated in the Water Management Information System

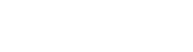
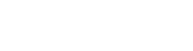
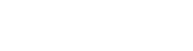
Siyenza Manje deployments to regional offices

- Two deployees were deployed in Mpumalanga





Job Creation Progress



DWA regional Sanitation

- Women – 20,566
- Men – 20,377
- Youth – 34,188
- Disabled – 216
- Total – 75,989

Working for Water

- 398,717 person days
 - WfW: 294,001 and
 - WoF: 104,716
- 14,399 beneficiaries
 - WfW: 12,812
 - WoF: 1,587



Water Use License Backlog Eradication

- There is a backlog on licenses as far back as 2002.
- Reasons for delays:
 - lack of capacity within license processing directorates,
 - absence / lack / delays in reserve determination,
 - incomplete information from the applicants.

Water Use License Backlog Eradication

Stats as at March 2009

Region/CD	Pre-applications	Total Backlog	Sector					HDI WULAs
			Agriculture	Forestry	Mining	Domestic	Industrial	
Eastern Cape	460	31	17	3	0	10	1	4
Free State	9	60	60	0	0	0	0	0
Gauteng	62	49	4	0	21	11	13	7
KwaZulu Natal	763	172	100	32	8	28	4	27
Limpopo	97	163	132	0	4	17	10	15
Mpumalanga	162	125	15	11	63	19	31	3
Northern Cape	-	405	143	0	253	4	5	124
North West ¹	182	280	45	0	29	46	83	57
Western Cape	177	97	48	0	0	46	3	30
CD: Water Use	0	176	62	86	13	12	3	5
TOTAL	1452	1351	547	43	399	171	149	263



Department of Health



- The H&HE roll out process started in the Northern Cape (Upington) and National roll out workshop was held.
- The workshops are targeting both EHP's and Councillors;
- A draft HIV/AIDS mainstreaming guide has been produced and is introduced to the provinces alongside the roll out process for further inputs and comments.
- EHPs trained on Water Quality Management to address hygiene issues
- Health and Hygiene Education is incorporated under the sanitation guidelines for preparation of technical reports document (tool) of November 2007 aimed at supporting municipalities



Department of Education

Schools water and sanitation	Target 09/10	Achievements
Water provision	600	9 completed
Sanitation provision	1,437	15 completed



Implementation of Municipal Indaba Action Plan



- **Water Resources Reconciliation Strategy**


- Reconciliation strategies for WC, KZN Coastal Metropolitan Area, Amatole (BCM), Vaal River System and Crocodile West system all complete
- Algoa (NMBM) and Bloemfontein Area progressing well
- Olifants system and Richards Bay area to start in 2010
- Installation and construction of Rainwater Harvesting systems targeted for this year are 73% complete
- eThekwini municipality undertaking feasibility study to re-use treated effluent for domestic use. Other feasibility studies in other areas to start in due course

- **Regulation**

- A chapter on the Regulation Framework to be incorporated into version 8 of WFGD strategy has been developed
- EXCO submission prepared to ring-fence Regulation function within DWA



Implementation of Municipal Indaba Action Plan cont'd

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- Infrastructure Asset Management
 - Bilateral meetings on development and finalisation of IAM strategy took place between DWA , NT, DBSA, and WIN SA
 - National IAM Strategy presented at the Siyenza Manje II project
 - Sanitation
 - Comprehensive sanitation implementation plan developed
 - Investigations and analysis of all relevant technologies has started
 - Review of sanitation policy on hold due to imminent move of Sanitation Programme Unit to Human Settlements



Salga



- Implementation of the municipal indaba action plan
 - Technical Task Team set up to serve as knowledge transfer hubs within SALGA
 - Skills development unit is a full time member of the skills development tasks
 - National Benchmarking Project in process of been re-configured
- Organise a focus Group on the re-configured WSDP
 - Roll out has taken place in Limpopo
- Appointment of PSPs on registration of treatment works, regulations framework and WC/WDM expert team
 - Process delayed until some internal processes are completed



Salga cont'd



- Development of National water services business case model to determine payment of debt to water boards by Municipalities
 - The study seeks to deepen local government's pricing of water services. Currently on hold until the finalisation of the tariff methodologies undertaken by WRC and SALGA is completed.
- Organise municipal focus group on findings of the sanitation sustainability model for pit emptying and O&M
 - Model was presented at the National Working group of SALGA and the recommendations were that provinces discuss the model and give comments



Regional Bulk Challenges and Solutions

Challenges

- Ability of WSAs to operate and maintain bulk infrastructure schemes
- Slow expenditure

Solutions

- Accelerating completion of feasibility studies and designs
- Set performance and expenditure targets for the projects
- Re-allocate funds to projects that are moving fast e.g. projects in construction stage





Sustainability Pillars Challenges and Solutions



Challenges

- The CSO programme has experienced lack of buy-in from municipalities as well as the delayed appointment of CSO to coordinate CSO engagements and capacity building activities
- There needs to be a stronger linkage and coordination of the gender mainstreaming program with the Gender and Disability Directorate



Solutions

- Integration of sustainability pillars at project level from planning stage to be cascaded to other regions
- Marketing plan of CSOs engagement at municipal level to be developed in the regions



Local Government Support Challenges and Solutions



Challenges

- Timeframes and enforcement protocols not adhered to
- Resistance by the WSAs with regards to the drawing up of the consumer charter

Solutions

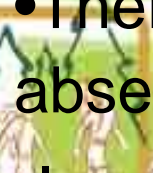
- Regions need to monitor the notices issued on non-compliance and ensure that correct measures are taken
- RPMS will assist in raising awareness with regards to legislative compliance in the WSAs



Eradication of licence backlog challenges and solutions

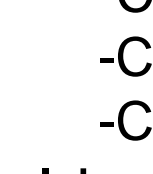


Challenges

- 
- There are delays in backlog eradication of licenses due to absence, lack or delays in reserve determination
 - Incomplete information from applicants



Solutions

- 
- Establishment of 3 clusters
 - Cluster 1 (EC, WC and NC)
 - Cluster 2 (KZN, FS and MP)
 - Cluster 3 (GP, LP and NW)
 - Identification of dedicated Regional Champions
 - Establishment of a National Team assisting Regions
(CD Water Use, CD Regional Coordination & Support and CD Resource Directed Measures)



CME and Finance Challenges and Solutions

CME Challenges

- Capacity in the CME Unit is a major challenge

Solutions

- As a matter of urgency, the Unit must outsource for assistance in the interim to keep the momentum going

Finance Challenges

- The delay in the transfer of donor funding has caused some projects to be slowed down/put on hold

Finance Solutions

- Release of funds by the EU



CONCLUSION

- 
- **Water sector progress reports for Masibambane Programme III for the 1st quarter 2009/2010 were compiled into :**
 - **Volume I: Consolidated Water Sector Report**
 - **Volume II: Regional Reports**
 - **Volume III: Sector Partner Reports**
 - **Considerable progress has been made within the water sector**



THANK YOU