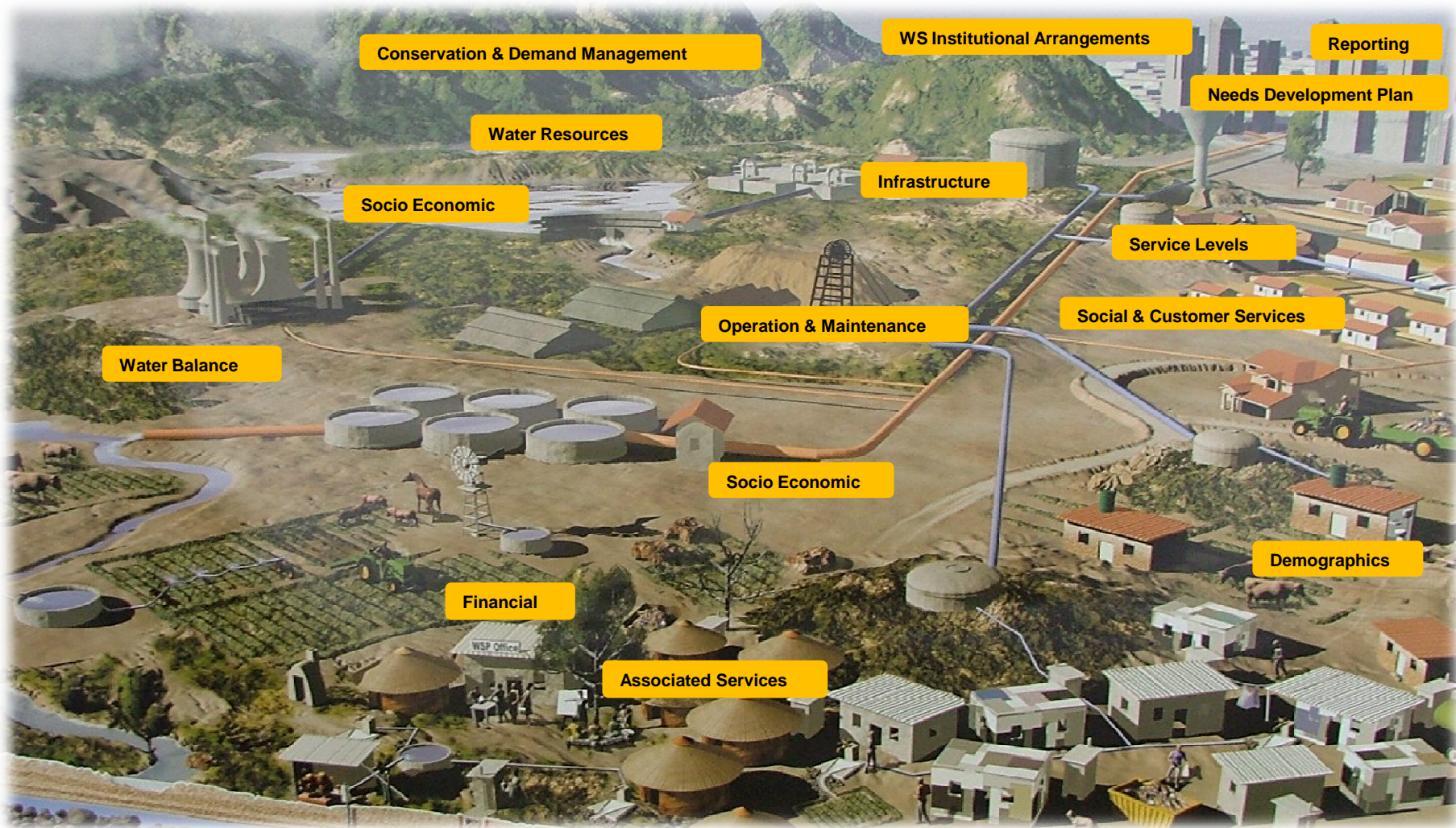


WATER SERVICES DEVELOPMENT PLAN

Matjhabeng Local Municipality 2012

Module 1: Overview and Assessment of the status of information and strategies on a WSA level



Document Date: January 2012



Water Services Development Plan Components

Council Approval Status

Knowledge
 Obtain an in-depth knowledge of overall WSA Water Services situation. Evaluate information. Identify gaps and shortcomings

Module 1: Comprehensive Overview and Assessment
 All related enabling factors per water services topic listed in a tabular format to present an overall status quo of information on a WSA level. The section also references the enabling factors against Compliancy and Needs development plan criteria to provide an overall WSA WSDP assessment
 NB: This document should be completed on a pre-compiled electronic format available at www.dwa.gov.za and submitted as a data document, not image

Current Document

Status	Approval		
	Signature	Name	Date
In Process	↓	↓	↓
Completed			
Outstanding			
Approved			
Completed			

Information
 Obtain detail information to address gaps identified in module 1. Incorporate into module 2

Module 2: Detail information on component level
 This module will provide detail information regarding the different topics as well as house all information regarding certain aspects within a topic.

In Process			
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Strategies
 Obtain existing Plans & Strategies. Develop strategies identified as gaps in module 1. Incorporate into module 3

Module 3: Strategic Plans

- Integrated Resource Management Plan
- Groundwater Management Plan
- Water Containing Waste management Programme
- Water Management Information System
- O&M Plan
- Unaccounted for Water Strategy
- Backlog Eradication Strategy
- Cost recovery Strategy
- Water Quality Monitoring Strategy

In Process			
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Reporting
 Report to DWAF
 Link reporting requirements to topics in WSDP

Module 4: Reporting

- IDP Assessment framework
- DWA Water Services Regulatory Performance Management System (RPMS)
- WSA Checklist
- Water Conservation & Demand Management Report

Outstanding			
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Interpretation of Strategies & Reporting

Extract to produce strategic overview

Baseline Review Report

Outstanding			
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Develop Strategic Interpretation Report on baseline review

WSDP Strategic Interpretation Report

Outstanding			
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Inputs towards WSA Annual Business Plan

WSDP IDP Outflow Report

In Process			
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Outflow to WSA Annual Business Plan

Outstanding			
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Update Knowledge Base

THE WATER SERVICES BUSINESS

INDEX



Matjhabeng Local Municipality

WSDP 2012

DRIVERS

CLIENT
NEEDS



ASSETS

RESOURCE DEVELOPMENT
INFRASTRUCTURE



WATER BALANCE

MANAGEMENT

EFFECTIVE MANAGEMENT

- Water Use
- Conservation & Demand Management
- Finance
- Social & Customer Services Requirements
- Return Flow
- Sanitation



PLANNING & REPORTING

NEEDS DEVELOPMENT PLAN



WSDP TOPICS

	Page Nr.	
1. Administration	2	1
2. Demographics	4	2
3. Service Levels	5	3
4. Socio Economic Background	9	4
5. Water Service Infrastructures	10	5
6. Operation & Maintenance	14	6
7. Associated Services	19	7
9. Water Resources	27	9
8. Conservation & Demand Management	21	8
10. Financial	30	10
11. Water Services Institutional Arrangements	36	11
12. Social & Customer Service Requirements	38	12
13. Needs Development Plan (Program List)	40	13
14. Reporting	42	14

What is the WSA's Vision & Mission Statement on Water Services?

Vision & Mission Statement:

VISION: To be a benchmark developmental Municipality in service delivery excellence.
MISSION: To be a united, non-racial, non-sexist, transparent and responsive municipality;
 To provide municipal services in an economic, efficient and effective way;
 To promote a self-reliant community through the promotion of a culture of entrepreneurship;
 To create a conducive environment for growth and development, and
 To promote co-operative governance;
 To promote a dynamic community participation and value adding partnership.



Mmm, I wonder....
 What does my area
 of Authority look
 like in terms of

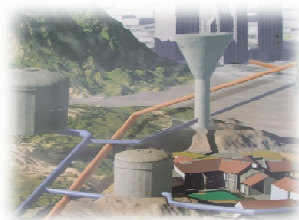
People

What are their needs
 regarding water?



Demographics	Total
Number of People	349987
Total Number of Settlements	17
Total Number People Urban	320335
Total Number People Rural	29652
Total Number of Settlements Urban	14
Total Number of Settlements Rural	3

Water Priority	Water Need Description	Settlements	Population	Households
Definition 1	No Water Services	0	0	0
Definition 2	Inadequate RDP Infrastructure Need: Extension	3	3776	1180
Definition 3	Inadequate RDP Infrastructure Need: Upgrade	0	0	0
Definition 4	Inadequate RDP Resource Need	1	44922	14038
Definition 5	Inadequate RDP Management Need: O&M	0	0	0
Definition 6	Inadequate RDP Management Need: Refurbishment	1	19562	6113
Definition 7	Inadequate Housing Interim Solutions	0	0	0
Definition 8	Inadequate Housing Permanent Solutions	0	0	0
Adequate:	Stand Pipe	14	40269	11524
Adequate:	Yard Connection	17	150390	46997
Adequate:	House Connection	17	157802	49315



What are their needs regarding sanitation?

Sanitation Priority	Sanitation Need Description	Settlements	Population	Households
Definition 1	No Sanitation	16	19635	6073
Definition 2	Inadequate Infrastructure Need: Upgrade to RDP level; Bucket Programme	1	6253	1954
Definition 3	Inadequate: Infrastructure Need: Upgrade	5	23127	7227
Definition 4	Inadequate: Resource Need	0	0	0
Definition 5	Inadequate Management Need: O&M	0	0	0
Definition 6	Inadequate RDP Management Need: Refurbishment	3	59471	18585
Definition 7	Inadequate Housing Interim Solutions	0	0	0
Definition 8	Inadequate Housing Permanent Solutions	0	0	0
Adequate:	Non-Waterborne	15	10385	3246
Adequate:	Waterborne Low Flush	0	0	0
Adequate:	Septic Tanks	0	0	0
Adequate:	Waterborne Waste Water Treatment Works	16	300050	93766

2

3



What is our water availability status to supply all the needs?

Water sources	Number of sources	Current abstraction (MI/Dav)	Licensed abstraction (MI/Dav)
Groundwater	1		
Surface Water	2		
External Sources (Bulk purchase)	1	34305.919	
Water returned to resources			
How much water is re-used (Recycled Water)			

9





4. Water & Sanitation Infrastructure?

5

4.1. How does the infrastructure picture look in my WSA to distribute water to our people?



4.2. What is the general condition of



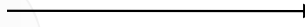
Topic 5: Water Infrastructure	Total
Total Number of Schemes	6
Total bulk pipeline km.	99
Total Number reservoirs	18
Total Number pump stations	29
Total Number of Water Treatment Works	1
Total Number of Waste Water Treatment Works	15

The general condition of WWTW	Total
1. Estimated cost to Upgrade	R 150 000 000.00
2. Estimated cost to Refurbish	R 377 000 000.00
3. Existing Budget	R 41 707 616.70

5. How sufficient is our Operation & Maintenance:

6

5.1. Do we have enough people to perform the function?



5.2. What is the % infrastructure not working due to O&M?

5.3. What is the problem?

Topic 6: Operation & Maintenance	Total
Total Number of O&M staff	204
Total Number of O&M staff sufficient? Yes/No	No
Total Number of O&M staff required	320
Statement on population and effluent release	

Define the Problem

The Waste Water Treatment Works is mostly in a poor condition and this needs to be attended to in order to avoid water quality problems. One of the prominent problems in the Municipality is the shortage of funds and lack of technical support. There is currently no WDM strategy in place. At present the chief priority for the personnel is to provide water for the consumers, and there is little capacity and funds available.

Statement on Pollution and Effluent Release

There are no Water Conservation and WDM activities and/or plans and no active leakage control programme in place. Currently a consultant has been appointed to address WDM.



6. Do I pollute my environment



Topic 8: Conservation & Demand Management

8

Do I have measures in place to improve our Consumer & Demand management regarding the following aspects:

	Y / N
Reducing unaccounted water and water inefficiencies	Y
Reducing high pressures for residential consumers	N
Leak and meter repair programmes	Y

7. 1. What is my total Water Services Budget?
 7.2. Is my budget enough to eradicate backlog and maintain the WS infrastructure?
 7.3. What is the shortfall?



Topic 10: Financial

10

Total Water Services Budget:	R 97 307 808.00
Is the budget enough to eradicate backlog and maintain the WS infrastructure? (Yes/No)	No
Shortfall:	R 192 860 584.00

8. Do we have plans and projects in place to address the water services issues and requirements?

Topic 13: Needs Development Plan

13

Total Number of projects:	78
Sufficient to eradicate backlog: (Yes/No)	No

Critical Developments & Associated Factors that impacts our Area for the Immediate Future

Urban versus Rural Backlogs

Matjhabeng concentrated on the urban backlogs. Very little was done on addressing rural areas due to a shortage of funds and personnel. There is a demand for services in the urban areas.

Reliance on Water Resources available and Bulk Infrastructure

Receive water from Balkfontein via Sedibeng bulk network. This network has ample capacity.

Links between Water Supply & Sanitation

Matjhabeng purchase about 100 ML water per day while 11 purification plants purify about 63 ML per day. This is due to sewer from mine areas that are also accommodated at the Waste Water Treatment Plant.

Due to new sanitation infrastructure and age of existing purification plants some plants are under stress.

Limited Implementation & Operating Capacity in Some Municipalities

Most services are provided timeously, but due to budget, equipment restraints and personnel restraints some services took longer than 24 hours to deliver.

Critical Developments & Associated Factors that impacts our Area for the Immediate Future

Available Funding

MIG grants, Cogta (Human Settlement) grants as well as own Capital and Operational budget funds are available for development and maintenance projects. Counter funding on some projects may be a challenge.

Affordability of Service Levels (O&M Costs)

Due to the long distances that water is pumped to Matjhabeng the purchase price of water is high. The rest of the service level costs are in line with National tendencies. Due to the flatness of the area it is more expensive to maintain sewerage networks than other municipalities may experience.

Growing Backlog in Refurbishment of Existing Infrastructure

Most of the backlogs in the old PDI areas are eradicated due to availability of grant funding from government . The challenge is aging infrastructure in the higher income areas.

Major Economic Development

Development projects are envisaged for the area. A number of significant projects has been identified of which the majority is in concept phase. The implementation is however dependant on buy-in and support from Provincial and National Government. The updated SDF will provide more information on the economic development. Unfortunately this document still on the tender phase and will be available during the new financial year. Water intensive industries can be accommodated when good quality PSE can be guaranteed.

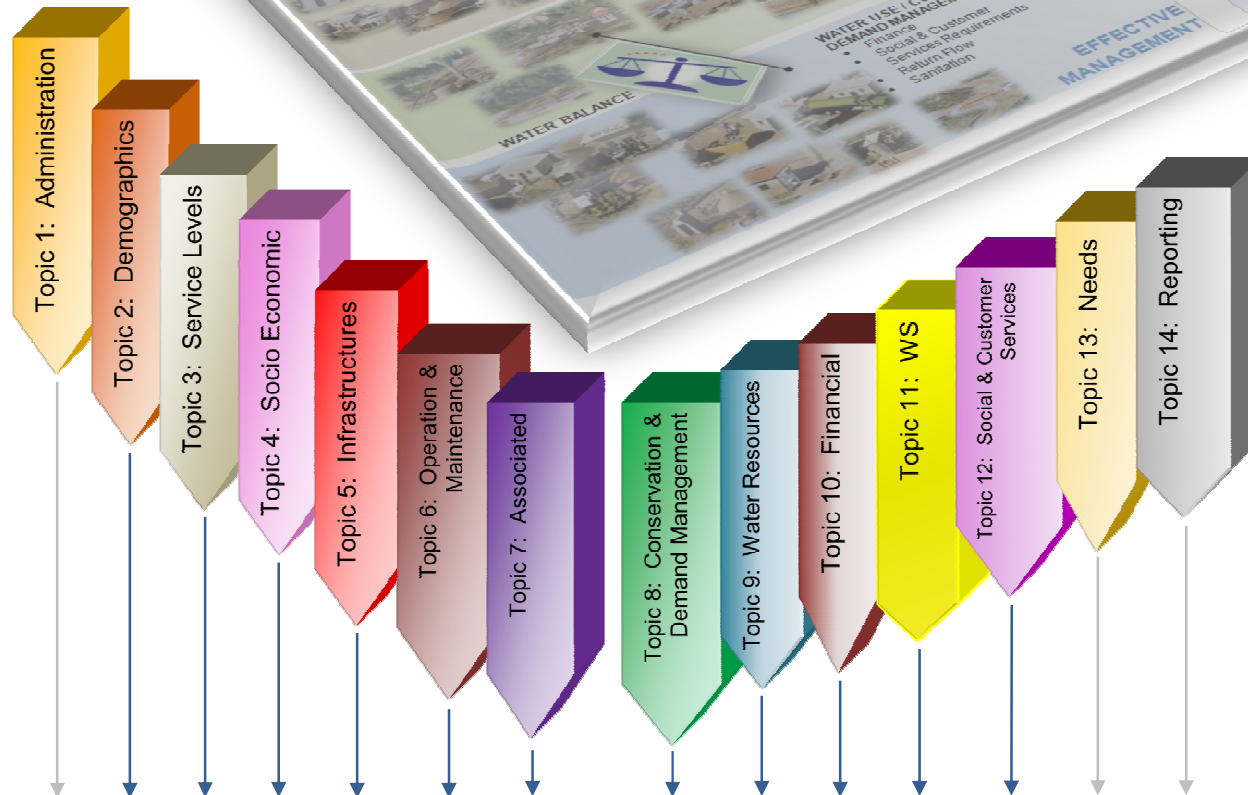
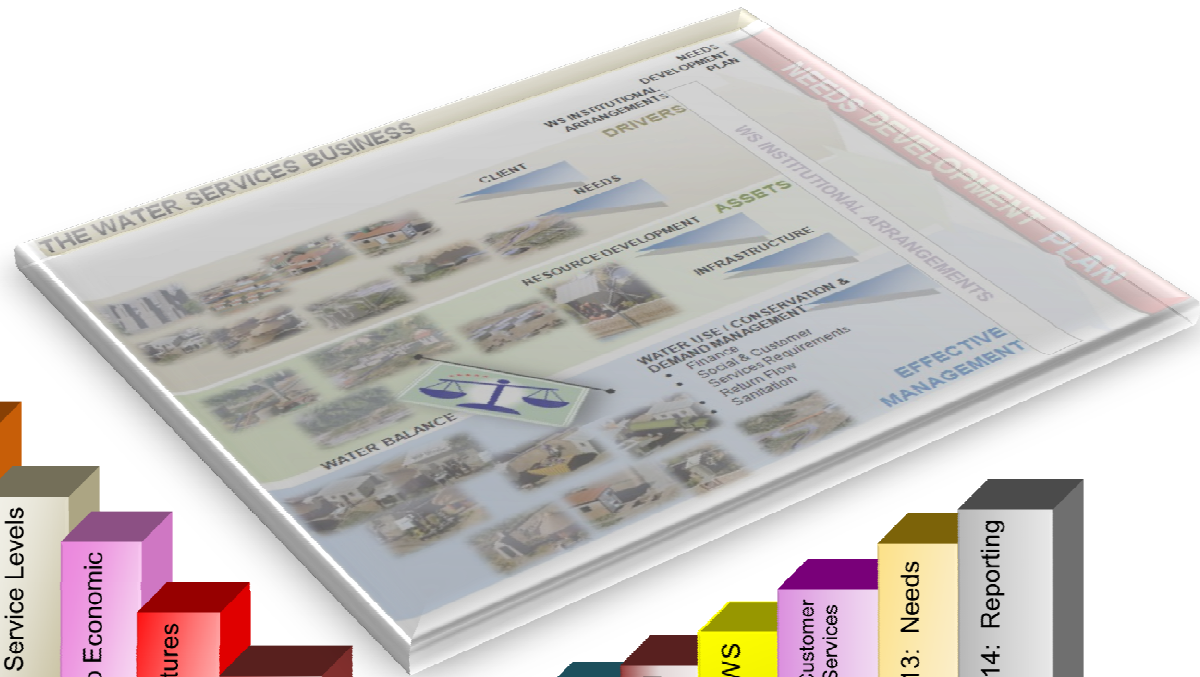
Associated Population Growth & Water Demand

Population growth, if any, is not high. Movement of households is mainly to formal stands where there is an increase in water usage. Bucket eradication with water borne sewerage resulted in an increase of water usage.

An Overall Critical Self Evaluation of the Overall WSDP Knowledge Base

How does my WSA fare regarding knowledge and information of the building pillars of the Water Services Business?

A % summary evaluation derived from the WSDP Document C Module 1 per topic



OVERALL QUANTITY ASSESSMENT		76%	67%	38%	72%	80%	80%		27%	80%	59%	53%	69%	
OVERALL QUALITY ASSESSMENT		93%	85%	43%	88%	90%	90%		29%	90%	75%	60%	77%	

Module 1: Concept Explanation and Description page

List of Enabling Factors	Compliancy Elements	Future plan & Strategies	Topic Description																		
Topic 11: Water Services Institutional Arrangements Profile																					
Enabling Factors	Compliance						Needs Development Plan														
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):	Resources to perform the function						Future plan (to address issues)			Strategy											
Quality: Information Accuracy Assessment	In place?	Budget	Tools & Equipment	Personnel	Gazetted	Council approved	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	In place?	Time Frame	Sufficient for	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT	
	Y / N / NA						Y / N / NA			Y / N											
												Short (1)									
												Short (1)									
												Medium (3)									
												Long (5)									
												None									
												1	3	5	N	*	*	*			

INDEX: List of Topics

- 1.?? Administration
- 2.?? Demographic
3. Service Levels
- 4.?? Socio Economic Background
5. Infrastructure
6. Operation & Maintenance
7. Associated Services
8. Conservation & Demand Management
9. Water Resources
10. Financial
- 11.?? Water Services Institutional Arrangements
12. Social & Customer Service Requirements
13. Needs Development Plan
14. Reporting

Each Topic has its own enabling factors that will make the Topic work

Quality Assessment

An indication of the accuracy of the WSA's level of compliance to aspect requirements
 Poor: 10%
 Below Standard: 30%
 Average: 50%
 Fairly Accurate: 60%
 Very accurate: 80%

Quantity Assessment

An indication of the representation of total area to address the issue
 None: 10%
 Limited 30%
 Partially: 50%
 Good coverage: 75%
 Available for whole area: 90%

Is there a Future Plan in Place?
 (Physical document that addresses issues & shortcomings)

Is there an Implementation Strategy in Place?
 (Must be a implementation plan of action that reflects in the budget)

General Assesment on Scale 1-5
 None 0%
 Limited 10%
 Partial 30%
 Good 75%
 Excellent 90%



Matjhabeng LOCAL MUNICIPALITY
Status Tracking of WSDP

Status	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		YEAR 6	
	Modules: All/1/2/3 or 4	Date Submitted	Modules: All/1/2/3 or 4	Date Submitted	Modules: All/1/2/3 or 4	Date Submitted	Modules: All/1/2/3 or 4	Date Submitted	Modules: All/1/2/3 or 4	Date Submitted	Modules: All/1/2/3 or 4	Date Submitted
Interim												
Draft	1	31-Jan-12										
Adopted												
Annual Review												
Public Viewed												

Role Players Contact Details

POSITION	PERSON	TEL	FAX	CELL	EMAIL	Interaction Acknowledgement Yes / No	Interaction Acknowledgement Signature
Municipal Manager	Mr German Ramathebane	057 391 3559	057 357 4393		german.ramathebane@matjhabeng.co.za		
Executive Mayor	Cllr S Ngangelizwe	057 391 3149	057 357 4393	082 882 2413	sebenzile.ngangelizwe@matjhabeng.co.za		
Water services Councillor	Cllr KJ Menyatso	057 393 284		082 882 2430	johannes.menyatso@matjhabeng.co.za		
WSDP Contact	J. Faber	057 916 4028		084 404 9441	jan.faber@matjhabeng.co.za		
IDP Manager	L. Thabana				lerotholi.Thabana@matjhabeng.co.za		
PIMSS Senior Planner							
Technical Services	M. Besani	057 916 4032		071 686 4088	madoda.besani@matjhabeng.co.za		
Treasurer							
WSDP Data Custodian							
WSDP Custodian							
Data official							
Acting Mayor							
Acting Municipal Manager							
PMU Manager							
Chief Financial Officer							
Acting Chief Financial Officer	LB de Bruyn	057 391 3211		083 234 2242	lbdebruyn@matjhabeng.co.za		
Mayor							
Housing	M.Mothekge	057 916 4000		082 713 9045	morakane.mothekge@matjhabeng.co.za		
Environmental							
Infrastructure							



* BASELINE INFORMATION: COMPULSARY FIELDS

Professional Service Provider (PSP)

Company		Pula Strategic Resource Management (Pty)Ltd			
Name of PSP WSDP Project Manager		Alet McCully			
Tel: 0124240900	Cell: 0832285260	Fax: 0124601205	E-mail: alet@pula.co.za		
Inputs					
Components	Chapter	Name	Designation	Role	Contact address, and number
Name of PSP WSDP Information Systems Operator		Alet McCully			
Tel: 0124240900	Cell: 0832285260	Fax: 0124601205	E-mail: alet@pula.co.za		

* Sector Integration

Did this plan consult with other Sector Plans and incorporated their needs

* Sector	* Inter-action	* To which extend was it calculated? (Refer to Page 1: General Assessment on Scale 1-5)
Agri-Culture	60%	The Vet- and Sand River schemes falls within Matjabeng, and between them and DWA water is provided. Servicing farms with water is minimal in this municipality.
Mining	75%	Mining purchase their water directly from Sedibeng. A report was done to investigate how water can be supplied at a more reasonable cost to the mines.
Tourism	75%	Within Matjhabeng there is an LED department and interaction is ongoing.
Other 1:	60%	The Oranje Koelkamers and Lejwa Papers are other main consumers of water.
Other 2:		
Other 3:		
Other 4:		

SETTLEMENT DEMOGRAPHICS

SETTLEMENT DEMOGRAPHICS				Assessment	Assessment
* 2.1	Total Population	349987		80	90
* 2.2	Total number of households	109371		80	90
* 2.3	Average household size	3.2		80	90
Quality: Information Accuracy Assessment					
Quantity: Assessment of Information Completeness					
2.4 Settlement Type		Number of settlements	Population per settlements type	Assessment	Assessment
	Farming	0	0	80	90
Urban	Metropolitan Area	0	0	80	90
	Urban - Formal Town	6	67724	80	90
	Urban - Former Township	10	261418	80	90
	Urban Fringe - Ex-homeland Towns (Formal Towns)	0	0	80	90
	Urban Fringe - Informal Settlements	0	0	80	90
	Squatter Camp - Peri-urban	0	0	80	90
	Squatter Camp - Urban	0	0	80	90
	Working Towns - Mines, etc.	0	0	80	90
	Service Centres - Mines, Prisons etc.	0	0	80	90
	Urban		16	329142	
Rural	Rural - Dense Village > 5000	0	0	80	90
	Rural - Small Village <= 5000	0	0	80	90
	Rural Scattered	0	0	80	90
	Rural Scattered Dense	0	0	80	90
	Rural Scattered Low Density	0	0	80	90
	Rural Scattered Very Low Density	0	0	80	90
	Farming	1	20845	80	90
	Farming Settlement	0	0	80	90
	Farming Scattered	0	0	80	90
	Unknown	0	0	80	90
Rural		1	20845		

Public Amenities Consumer Types				Assessment	Assessment
2.5 Social Services type	No. of facilities	Area (Ha)	Assessment	Assessment	
Police Stations	9		80	90	
Magisterial Offices	15		80	90	
Schools	157		80	90	
Health Facilities	34		80	90	
Prisons	4		80	90	
Industries	19		80	90	
Mining	41		80	90	
Resorts and tourism			80	90	
Agriculture dry land		242494	80	90	
Agriculture irrigation		3999	80	90	
Agr. Intensive livestock/grazing			10	10	
Agr. Extensive livestock/grazing			10	10	
Conservation areas	1	83.76	80	90	

Comments: Matjhabeng is the mining heartland of the FS and the town of Welkom forming the centre of the industrial and commercial heartland. The area is mainly mining with rural and farming areas and people commuting from the rural areas to the goldmines for employment. The towns have small CBD and is surrounded by relatively open spaced urban free-standing housing and extensive lower-income housing. It is largely formally laid out and no evidence of informal dwellings on the fringes.

OVERALL QUALITY ASSESSMENT 76%

OVERALL QUANTITY ASSESSMENT 93%

Topic 3: Service Levels Profile

3.1 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS

						Needs Development Plan														
						Assessment	Assessment	Future plan (to address issues)								Strategy				
								In place?	Time Frame				Sufficient for				ASSESSMENT	In place?	Sufficient	ASSESSMENT
									Short (1) Medium (3) Long (5) None	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT				
CLASSIFICATION	DEFINITIONS / SETTLEMENTS	Settlements	Population	House holds	%	%														
* Definition 1	No Water Services	Whole community never had any formal (municipal) water supply system.	0	0	0	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 2	Inadequate RDP Infrastructure Need: Extension	Communities have grown structurally and there are households that do not have water : TOTAL 1.Network: new infra 2.Storage: new & adjacent, 3.Local Available Source: New BH, pipe	3	3776	1180	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 3	Inadequate RDP Infrastructure Need: Upgrade	Existing infra not on RDP std. 1.Network: too small pipes, 2.Storage: Add to exist / elevation 3.Source: Infra to increase exist yield	0	0	0	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 4	Inadequate RDP Resource Need	Not enough water in system due to Demand Management problems or source development	1	44922	14038	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 5	Inadequate RDP Management Need: O&M	Water can be restored to RDP (where infra ok) by: enough & efficient staff and sufficient funds for O&M (incl. eg: quality at wtw, machines working, etc)	0	0	0	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 6	Inadequate RDP Management Need: Refurbishment	Water can be restored to RDP by: Repair/Replace with same existing infra	1	19562	6113	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
TOTAL RDP NEED			5	68260	21331	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 7	Inadequate Housing Interim	Squatter (un-orderly layout) to be addressed with temp infra	0	0	0	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
* Definition 8	Inadequate Housing Permanent	Orderly layout where housing scheme is needed. Eg overcrowded yard, existing low cost housing project with need	0	0	0	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
TOTAL HOUSING NEED			0	0	0	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
Adequate:	StandPipe	Adequate Infra	14	40269	11524	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
Adequate:	Yard Connection	Adequate Infra	17	150390	46997	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
Adequate:	House Connection	Adequate Infra	17	157802	49315	60	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30	
						60%	90%									75%			30%	



Enabling Factors

Needs Development Plan

3.2 SETTLEMENT SANITATION SERVICE LEVEL DEFINITIONS

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

* CLASSIFICATION		* DEFINITIONS / SETTLEMENTS		Settlements	Population	House holds	%	%	Future plan (to address issues)					Strategy						
									Time Frame					Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
									Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development					
									1	3	5	N	*	*	*					
									Y / N / NA						Y / N					
* Definition 1	No Sanitation	Whole community has never had formal (municipal) sanitation programme.		16	19635	6073	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Definition 2	Inadequate Infrastructure Need: Upgrade to RDP level; Bucket Programme	Communities have sanitation but below the minimum standard. This will normally be a bucket or an ecological toilet. Communities at RDP standard but not appropriate due to local circumstances e.g. shallow ground water levels		1	6253	1954	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Definition 3	Inadequate: Infrastructure Need: Upgrade	Existing infra not on RDP std. Typically, unimproved pit or chemical toilet.		5	23127	7227	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Definition 4	Inadequate: Resource Need	Existing infra not appropriate 1. Waterborne without bulk or reticulation 2. Inadequate bulk capacity		0	0	0	60	75	NA								10	No	No	10
* Definition 5	Inadequate Management Need: O&M	Sanitation can be restored to RDP (where infra ok) by: enough & efficient staff and sufficient funds for O&M (incl. pit-emptying, + appropriate actions for waterborne)		0	0	0	60	75	NA								10	No	No	10
* Definition 6	Inadequate Basic Management Need: Refurbishment	Sanitation can be restored to RDP by: Repair/Replace with same existing infra		3	59471	18585	60	75	NA								10	No	No	10
TOTAL BASIC NEED				25	108486	33839	60	75	NA								10	No	No	10
* Definition 7	Inadequate Housing Interim	Squatter (un-orderly layout) to be addressed with temp infra and appropriate technology		0	0	0	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Definition 8	Inadequate Housing Permanent	Orderly layout where housing scheme is needed. Eg overcrowded yard, existing low cost housing project with need		0	0	0	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
TOTAL HOUSING NEED				0	0	0	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Adequate:	None Waterborne	Adequate Infra		15	10385	3246	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Adequate:	Waterborne Low Flush	Adequate Infra		0	0	0	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Adequate:	Septic Tanks/Conservancy	Adequate Infra		0	0	0	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Adequate:	Waterborne Waste Water Treatment Works	Adequate Infra		16	300050	93766	60	75	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
							60%	75%						46%			21%			



Topic 3: Service Levels Profile

Enabling Factors								Compliance						Needs Development Plan																							
3.3 Residential, Public Institutions and Industries								Resources to perform the function						Future plan (to address issues)						Strategy																	
								Billing	Budget	Tools & Equipment	Personnel	Gazetted	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT									
																		Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development													
Quality: Information Accuracy Assessment								Quantity: Assessment of Information Completeness																													
								Y / N / NA						Y / N / NA						%		%															
Public amenities consumer types	Type	No. Of consumer units (H-H)	No. Of consumer units with access to:																																		
			None or inadequate Supply		Communal supply	Controlled volume supply	Uncontrolled volume supply	1				3				5				N				* RDP			* Higher Level			* Growth & Development			ASSESSMENT		In place?		Sufficient
			Water	Sanitation																																	
* Residential	Urban	109371	0	0	0	0	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	109371	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Police Stations	Urban	9	0	0	0	9	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Magistrate offices	Urban	5	0	0	0	5	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Businesses	Urban	1306	0	0	0	1306	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Dry' Industries	Urban	674	0	0	0	674	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Office Buildings	Urban	0	0	0	0	0	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Prisons	Urban	4	0	0	0	4	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Schools	Urban	106	1	1	0	106	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	51	0	37	0	0	51	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Hospitals	Urban	6	0	0	0	6	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Clinics	Urban	25	6	5	0	25	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Wet' Industries	Urban	3	0	0	0	3	0	Y	Y	Y	Y	Yes	Yes	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	75										
	Rural	0	0	0	0	0	0	No	No	No	No	Yes	Yes	80	90	N				N				75	Y	No	75										
Total	Urban	109529	7	6	0	158	0							80%	90%									75%			75%										
	Rural	109422	0	37	0	0	51							80%	90%									75%			75%										
TOTAL														80%	90%											75%			75%								



Enabling Factors

Compliance

Needs Development Plan

Status Quo

Future plan (to adress issues)

Strategy

OVERALL TOPIC ASSESSMENT

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

3.1 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS

3.2 SETTLEMENT SANITATION SERVICE LEVEL DEFINITIONS

3.3 RESIDENTIAL, PUBLIC INSTITUTIONS AND INDUSTRIES

60%	90%	75%	30%
60%	75%	46%	21%
80%	90%	75%	75%

NEEDS DEVELOPMENT PLAN ASSESSMENT

Future plan	65%
Strategy	42%

OVERALL QUANTITY ASSESSMENT 85%

OVERALL QUALITY ASSESSMENT 67%

GENERAL COMMENTS

Where possible the public amenities have been indicated. The economy of the Matjhabeng Municipality area is focused on mining activities located in and around Allanridge, Odendaalsrus, Welkom and Virginia. Manufacturing is aimed at the mining sector that exists to a limited extent in the above towns. Other manufacturing activities are limited. Farming is mainly maize,wheat, sunflower and live stock. Water is increasingly becoming a scarce and expensive resource and together with the Mining communities, the municipality is characterised by farming and rural settlements, and therefore there are several farming and rural communities in the municipality that must be considered in the provision of basic water services. The municipality intends to address their backlog during the next few years.

The None and inadequate Supply for Clinics is applicable to the Mobile Clinics.

Rural areas billing etc. will be addressed during the next financial year will be phased in as indicated in the property rates bill.

Due to flatness of area sewer problematic



Topic 4: Socio Economic Background

Socio Economics

Quality of Information Assessment

Quantity: Assessment of Information Completeness

4.1 General				4.5 Household income							
4.1.1 Present population	349987	75	90	Definition of poor household by the municipality	% Population						
4.1.2 Current population growth rates		10	10	A Household with an income below R3,500							
4.1.3 Projected Population growth rate: 5 years		10	10								
4.1.4 Projected Population growth rate: 10 years		10	10								
4.1.5 No. of dry industrial consumer units	0	10	10		12	75	90				
4.1.6 No. of wet industrial consumer units	0	10	10	Monthly household Income (as per StatsOnline)							
4.1.7 No. of commercial consumer units	0	10	10	o R1 - R400	19.18	75	90				
				o R401 - R800	25.94	75	90				
				o R801 - R1600	21.77	75	90				
				o R1601 or more	33.1	75	90				
4.2 Age and gender Profile				o????? Collective living Quarters							
4.2.1 Permanent resident population	408170	75	90	Water Affordability (Population not able to afford water)							
4.2.2 Aged Residents (>65yrs)	14718	75	90	o????? Typical monthly Water Bill	250	80	90				
4.2.3 Youth Residents (<18yrs)	157015	75	90	o????? Average % of monthly income	0	10	10				
4.2.4 Male Residents	200370	75	90	Sanitation Affordability (Population not able to afford sanitation)							
4.2.5 Female Residents	207799	75	90	o????? Typical monthly Sanitation Bill	89	80	90				
4.3 Employment Profile				o????? Average % of monthly income							
4.3.1 Eligible Workforce (19 - 65 yrs)	0	10	10	4.6 Economics							
4.3.2 Permanent residents - without jobs	0	10	10	Economic Sector	% Contribution to Local GGP	Total No of Employees	No of Local Employees	No of Migrating Labour			
4.3.3 Permanent farm workers	0	10	10	(As per Reserve Bank Quarterly Bulletins)							
4.3.4 Permanent Industry workers	0	10	10	Agriculture, Forestry & Fishing	4.51	5029			50	50	
4.3.5 Professional workers	0	10	10	Mining	10.61	30581			50	50	
4.4 Demographic trends and migration patterns				Manufacturing						50	50
4.4.1 Permanent resident population	408170	80	90	Electricity, Gas & Water	4.07	467			50	50	
4.4.2 Peak daily labour migration (-) out / (+) in	0	10	10	Construction	6.58	2778			50	50	
4.4.3 Peak long-term labour migration (-) out / (+) in	0	10	10	Insurance					10	10	
4.4.4 Permanent population changes (-) out / (+) in	0	10	10	Finance	43.78	4790			50	50	
4.4.5 Holiday Population	0	10	10	Comments: Matjhabeng is mainly a mining, farming and rural area with a number of migrant mining workers and people migrating to towns and mines for work. There are plans to bring economic development to Matjhabeng, however implimentation has not yet started - these are all mainly related to the mine mitigation project.							
						OVERALL QUALITY ASSESSMENT		38%			
						OVERALL QUANTITY ASSESSMENT		43%			

Topic 5: Water Services Infrastructure Profile

Enabling Factors	Compliance													Needs Development Plan																	
	Status Quo													Future plan (to address issues)										Strategy							
	Groundwater (Boreholes)	Surface water (Abstraction Points)	* WWTW	Water Pumpstations	Sewer Pumpstations	Water Bulk pipeline	Sewer Bulk pipeline	Reservoirs	Water Reticulation	Sewer Reticulation	Water Borne Sanitation	* WWTW	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT					
																1	3	5	N	RDP	Higher Level	Growth & Development									
General Notes: The Enabling Factors below must be completed for the appropriate component compliancy section. All factors must be assessed and the Needs Development Plan section completed																															
Quality: Information Accuracy Assessment																															
Quantity: Assessment of Information Completeness																															
Y / N / NA													%	%	Y / N / NA										%	Y / N	%				
5.2.20 Volume of effluent recycled (MI/day)													8	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	30
5.2.21 % Effluent controled													100	80	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	30
5.2.22 Permitted effluent (MI/day)													108	60	75	Y	Y	Y	Y		Y	Y	Y					75	Y	No	30
5.2.23 Solid waste disposal (m??/day)														60	90	Y	Y	Y	Y		Y							75	Y	No	30
5.2.24 Sludge produced (dry tonnes per day)													1.8	50	90	Y	Y	Y	Y		Y							75	Y	No	30
5.2.25 % Of the time that effluent is chlorinated													10	30	50	N					Y							30	Y	No	30
Sub Topic 5.2 Compliancy & Needs Development Plans Assessment													70%	82%											73%		15%				
5.3 Functionality																															
5.3.1 General physical condition (N: Not in operation/P: poor/G: good)	NA	NA	NA	G	P	G	G	G	P	P	G	P	60	75	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75	
5.3.2 How well is the infrastructure maintained? (N: None, I: infrequent,D: demand,P: planned)	NA	NA	NA	D	D	D	D	D	D	D	D	D	50	50	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75	
5.3.3 Are spare parts readily available? (Yes/No)	NA	NA	NA	N	N	N	N	N	N	N	N	N	80	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75	
5.3.4 Number of breakages / failures per year	NA	NA	NA	9	90	10	69		5	4369	0	9351	100	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.3.5 Total refurbishment needs %	NA	NA	NA	30	60	20	50		20	10	40	5	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75	
5.3.6 Total refurbishment needs cost (RM)	NA	NA	NA	3	50	5	22		5				377	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.3.7 Total replacement needs %	NA	NA	NA	0						30			20	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.3.8 Total replacement needs cost (RM)	NA	NA	NA							536			60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75	
Sub Topic 5.3 Compliancy & Needs Development Plans Assessment													61%	83%											75%		75%				
5.4 Institutional Status																															
5.4.1 % Whereoff the WSA Self is the Current Owner	0	0	0	100	100	100	100		100	100	100	100	80	90	Y	Y	Y	Y		Y							50	Y	No	75	
5.4.2 % Whereoff the WSA Self is Current Operator	0	0	0	100	100	100	100		100			100	80	90	Y	Y	Y	Y		Y							50	Y	No	75	
Sub Topic 5.4 Compliancy & Needs Development Plans Assessment													80%	90%											50%		75%				
5.5 Asset Assessment Spectrum																															
5.5.1 % Expected total lifespan: Short (1-3 yrs)	NA	NA	NA	100	40	90	80		100	70	80		70	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.5.2 % Expected total lifespan: Medium (3 - 10 yrs)	NA	NA	NA	100	70	80	70		90	50	60		50	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.5.3 % Expected total lifespan: Long (10 - 20 yrs)	NA	NA	NA	60	100	50	40		70	30	40		20	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
* 5.5.4 Estimated replacement value (RM)	NA	NA	NA	3.6	158	10	86		60	2012		1623		60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
* 5.5.5 Annual operating cost (RM)	NA	NA	NA	1.8	0.8	3.5	0.8		1.8	10.6	1.2	1.19	2.13	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
* 5.5.6 Annual maintenance cost (RM)	NA	NA	NA	0.1	0.35	0.3	0.4		0.1	0.9	0.5	0.53	0.39	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
Sub Topic 5.5 Compliancy & Needs Development Plans Assessment													60%	90%											75%		75%				
5.6 Type and Capacity																															
5.6.1 Capacity (m??) (WTTW & WWTW: MI/day and PumpStation: L/s)		NA	NA		194					14941			64	60	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.6.2 Full Supply storage capacity (m??)		NA												80	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75
5.6.3 Spillway capacity (m??/sec)		NA												80	90	Y	Y	Y	Y		Y	Y	Y					75	Y	No	75

Comments The Waste Water Treatment Works is mostly in a poor condition and is addressed in the budget to be attended to. One of the prominent problems in the Municipality is the shortage of funds and lack of technical support.WDM is being addressed. Matjhabeng is dependant on Sedibeng Water. No surface water quality issues were identified as Sedibeng Water has implemented the necessary water treatment processes at the treatment plant to handle the colour, odour and organic issues associated with the eutrophication issues in the Middle Vaal. The water abstracted from the Vaal River by Sedibeng Water has periods of elevated salinity. Although not a public health risk, there will be impacts such as scaling on the water supply infrastructure and household plumbing. Most of the water quality and monitoring issues are currently being addressed via the Green Drop and Blue Drop compliance program.

Enabling Factors	Compliance													Needs Development Plan															
	Status Quo													Future plan (to address issues)							Strategy								
	Groundwater (Boreholes)	Surface water (Abstraction Points)	* WTW	Water Pumpstations	Sewer Pumpstations	Water Bulk pipeline	Sewer Bulk pipeline	Reservoirs	Water Reticulation	Sewer Reticulation	Water Borne Sanitation	* WWTW	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT			
																1	3	5	N	RDP	Higher Level	Growth & Development							
General Notes: The Enabling Factors below must be completed for the appropriate component compliancy section. All factors must be assessed and the Needs Development Plan section completed																													
Quality: Information Accuracy Assessment																													
Quantity: Assessment of Information Completeness																													
Y / N / NA													%		%		Y / N / NA							%		Y / N		%	
5.6.4 Total daily assured yield (m ³ /day)	NA	0											80	90	Y	Y	Y	Y		Y	Y	Y			85	Y	Y		85
5.6.5 Can the (dam) capacity be increased? (Yes/No)		NA											80	90	Y	Y	Y	Y		Y	Y	Y			85	Y	Y		85
5.6.6 Physical water quality: Turbidity		NA	NA										80	90	Y	Y	Y	Y		Y	Y	Y			85	Y	Y		85
5.6.7 Chemical causing quality problem			NA										80	90	Y	Y	Y	Y		Y	Y	Y			85	Y	Y		85
5.6.8 Design Capacity (Mega L)			NA										80	90															
5.6.9 Discharge rate (Mega L/day)				NA	NA								80	90															
5.6.10 Pipe material (Most common)						AC	Concre						80	90															
5.6.11 Avg. Diameter (mm)						350	525						80	90	Y	Y	Y	Y		Y	Y	Y			85	Y	No		50
5.6.12 Avg. Discharge rate (L/sec)						NA	NA						80	90	No										10	No	No		10
5.6.13 How much capacity is still available for development? (%)	NA	NA										28	60	75	Y	Y	Y	Y		Y	Y	Y			85	Y	Y		85
5.6.14 Design Capacity - Hydraulic Load (Ml/day)												108	80	90	Y	Y	Y	Y		Y	Y	Y			85	No	No		10
5.6.15 Design Capacity - Organic Load (COD kg/day)												504	80	90	Y	Y	Y	Y		Y	Y	Y			85	No	No		10
Sub Topic 5.6 Compliancy & Needs Development Plans Assessment													77%	89%												76%			61%
Comments Due to the fact that water is supplied by Sedibeng Water the responsibility with the municipality pertaining to infrastructure is mainly on pipelines, reservoirs and waste water treatment works. The problem in Welkom is that the pressure within the system is high. This is due to the fact that there is no Pressure Release Valve (PRV) for Welkom. All the other towns do have these valves in place. This puts strain on the pipelines within Welkom and is responsible for leaks and water losses in the system. A forecast based on previous years water purchases is done on an annual basis. This is utilised for future requirements. Master Plans must be compiled to determine available capacities. Currently there is only a sewer master plan in place for Welkom area.																													

Topic 5: Water Services Infrastructure Profile

Enabling Factors	Compliance										Needs Development Plan													
	Status Quo										Future plan (to address issues)				Strategy									
	Groundwater (Boreholes)	Surface water (Abstraction Points)	* WTW	Water Pumpstations	Sewer Pumpstations	Water Bulk pipeline	Sewer Bulk pipeline	Reservoirs	Water Reticulation	Sewer Reticulation	Water Borne Sanitation	* WWTW	ASSESSMENT	ASSESSMENT	In place?	Time Frame		Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
																1	3	5	N	RDP				
	General Notes: The Enabling Factors below must be completed for the appropriate component as marked in yellow within the Compliancy section. All factors must be assessed and the Needs Development Plan section completed															Short (1)		*	*	*	%	Y / N / %		
Medium (3)																%	Y / N / %							
															Long (5)			%	Y / N / %					
															None		%			Y / N / %				

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

* 5.7 Existing Asset Management Assessment

Category	Staff	External resources	Materials	Tools & Equipment	Transport	Budget	Manuals	As-built information	Safety plan	Procedures	Record keeping	Quality control	Risk management	Reporting	Compliance	Future plan	Strategy
* RESOURCE	NA	NA	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	80	90	10
* INFORMATION	NA	NA	NA	N	N	N	N	N	N	N	N	N	N	N	80	90	10
* ACTIVITY CONTROL	NA	NA	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	80	90	10
* MANAGEMENT	NA	NA	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	80	90	10
* WATER MASTER PLAN That Addresses:	NA	NA	NA	N	N	N	N	N	N	N	N	N	N	N	60	90	10

* 5.8 IS THERE A OPERATION & MAINTENANCE PLAN? (Y / N): y

Sub Topic 5.7 Compliancy & Needs Development Plans Assessment

Overall Topic Assessment	75%	90%
5.1 General Information	75%	90%
5.2 Operation	70%	82%
5.3 Functionality	61%	83%
5.4 Institutional Status	80%	90%
5.5 Asset Assessment Spectrum	60%	90%
5.6 Type and Capacity	77%	89%
5.7 Existing Asset Management Assessment	79%	90%

NEEDS DEVELOPMENT PLAN ASSESSMENT	
Future plan	57%
Strategy	44%

OVERALL QUALITY ASSESSMENT	
Overall Quality Assessment	72%
OVERALL QUANTITY ASSESSMENT	
Overall Quantity Assessment	88%

Enabling Factors		Compliance										Needs Development Plan													
STATUS QUO (S) Z - Zero Compliance 1 - Below minimum requirement 2 - Minimum basic requirement 3 - Above minimum requirement N/R Not Required IMPACT (I) C - Critical M - Medium/High L - Low No - No Impact		Status Quo										Future plan (to address issues)					Strategy								
		Staff	External resources	Spare Parts	Tools & Equipment	Budget	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT					
										Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development									
S	I	S	I	S	I	S	I	S	I	S	I	1	3	5	N	*	*	*	%	Y / N	%				
Quality: Information Accuracy Assessment												80	90	Y / N / NA					%	Y / N	%				
Quantity: Assessment of Information Completeness																									
* 6.1 IS THERE A OPERATION & MAINTENANCE PLAN? (Y / N):												Y													
6.2 WATER SERVICES INFRASTRUCTURE: OPERATIONAL ASSESSMENT																									
6.2.1 Resources																									
6.2.1.1 Existing Groundwater Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10
6.2.1.2 Existing Surface water Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10
6.2.1.3 Existing Waste Water Treatment Works Infrastructure		1	M	2	M	1	M	2	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.1.4 Existing Water Treatment Works Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10
6.2.1.5 Existing Pump Station Infrastructure		2	M	2	M	1	M	2	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.1.6 Existing Bulk Pipeline Infrastructure		1	M	2	M	1	M	1	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.1.7 Existing Tower & Reservoir Infrastructure		2	M	2	M	2	M	2	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.1.8 Existing Reticulation Infrastructure		1	M	2	M	1	M	1	M	1	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
		Status Quo										Future plan (to address issues)					Strategy								
		Manuals Available	Asset Register	As-Built Info.	Tools & Equipment	Contingency & Safety Plan	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT					
										Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development									
S	I	S	I	S	I	S	I	S	I	S	I	1	3	5	N	*	*	*	%	Y / N	%				
6.2.2 Information																									
6.2.2.1 Existing Groundwater Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10
6.2.2.2 Existing Surface water Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10
6.2.2.3 Existing Water Treatment Works Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10
6.2.2.4 Existing Waste Water Treatment Works Infrastructure		2	M	2	M	1	M	2	L	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.2.5 Existing Pump Station Infrastructure		1	M	1	M	1	M	1	L	1	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.2.6 Existing Bulk Pipeline Infrastructure		1	M	1	M	1	M	1	L	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.2.7 Existing Tower & Reservoir Infrastructure		1	M	1	M	1	M	2	L	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.2.2.8 Existing Reticulation Infrastructure		1	M	1	M	1	M	2	L	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60



Topic 6: Operation & Maintenance

Enabling Factors		Compliance										Needs Development Plan														
STATUS QUO (S) Z - Zero Compliance 1 - Below minimum requirement 2 - Minimum basic requirement 3 - Above minimum requirement N/R Not Required IMPACT (I) C - Critical M - Medium/High L - Low No - No Impact		Status Quo										Future plan (to address issues)										Strategy				
		Procedures	Record keeping in place	Quality control procedures establi.		Risk Management		Reporting (data analysis & report generation establi.		ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT			
													Short (1) Medium (3) Long (5) None				RDP	Higher Level	Growth & Development					In place?		
Quality: Information Accuracy Assessment		S	I	S	I	S	I	S	I	S	I	%	%	1	3	5	N	*	*	*	%	Y / N	%			
Quantity: Assessment of Information Completeness												Y / N / NA										%	Y / N	%		
6.2.3 Activity Control & Management																										
6.2.3.1 Existing Groundwater Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10	
6.2.3.2 Existing Surface water Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10	
6.2.3.3 Existing Water Treatment Works Infrastructure		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10	
6.2.3.4 Existing Waste Water Treatment Works Infrastructure		2	M	1	M	2	M	1	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60	
6.2.3.5 Existing Pump Station Infrastructure		2	M	1	M	2	M	1	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60	
6.2.3.6 Existing Bulk Pipeline Infrastructure		2	M	1	M	2	M	1	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60	
6.2.3.7 Existing Tower & Reservoir Infrastructure		2	M	1	M	2	M	1	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60	
6.2.3.8 Existing Reticulation Infrastructure		2	M	1	M	2	M	1	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60	
Sub Topic 6.2 Compliancy & Needs Development Plans Assessment												80%	90%											41%		41%

Comments

Downscaling of budgets, time frames to obtain material orders through supply chain and availability and age of equipment do have some effect on service delivery. In most cases however the services are maintained to an acceptable standard.

Enabling Factors	Compliance										Needs Development Plan																			
	Status Quo										Future plan (to address issues)						Strategy													
	Staff	External resources		Spare Parts		Tools & Equipment		Budget		ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT							
		S	I	S	I	S	I	S	I				S	I	1	3	5	N	RDP					Higher Level	Growth & Development					
STATUS QUO (S) Z - Zero Compliance 1 - Below minimum requirement 2 - Minimum basic requirement 3 - Above minimum requirement N/R Not Required IMPACT (I) C - Critical M - Medium/High L - Low No - No Impact																														
Quality: Information Accuracy Assessment	S	I	S	I	S	I	S	I	S	I	%	%	Y / N / NA						%	Y / N	%									
6.3 WATER SERVICES INFRASTRUCTURE: MAINTENANCE ASSESSMENT																														
6.3.1 Resources																														
6.3.1.1 Existing Groundwater Infrastructure	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10						
6.3.1.2 Existing Surface water Infrastructure	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10						
6.3.1.3 Existing Water Treatment Works Infrastructure	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10						
6.3.1.4 Existing Pump Station Infrastructure	2	M	2	M	2	M	2	M	1	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60						
6.3.1.5 Existing Bulk Pipeline Infrastructure	2	M	2	M	2	M	2	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60						
6.3.1.6 Existing Tower & Reservoir Infrastructure	2	M	2	M	2	M	2	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60						
6.3.1.7 Existing Reticulation Infrastructure	2	M	2	M	2	M	2	M	2	C	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60						

Topic 6: Operation & Maintenance

Enabling Factors		Compliance										Needs Development Plan													
STATUS QUO (S) Z - Zero Compliance 1 - Below minimum requirement 2 - Minimum basic requirement 3 - Above minimum requirement N/R Not Required		IMPACT (I) C - Critical M - Medium/High L - Low No - No Impact										Status Quo													
		Policies & Procedures		Record keeping in Place		Quality Control Procedures Established		Risk Management		Reporting		ASSESSMENT	ASSESSMENT	In place?	Future plan (to address issues)				Strategy						
															Time Frame				Sufficient for						
												Short (1) Medium (3) Long (5) None				RDP Higher Level Growth & Development		ASSESSMENT		In place?		Sufficient		ASSESSMENT	
Quality: Information Accuracy Assessment		S	I	S	I	S	I	S	I	S	I	S	I	S	I	Y / N / NA				%	Y / N		%		
Quantity: Assessment of Information Completeness		S	I	S	I	S	I	S	I	S	I	S	I	S	I	Y / N / NA				%	Y / N		%		

6.3.2. Activity Control & Management

6.3.2.1 Existing Groundwater Infrastructure	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10	
6.3.2.2 Existing Surface water Infrastructure	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10	
6.3.2.3 Existing Water Treatment Works Infrastructure	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	80	90	No								10	No	No	10	
6.3.2.4 Existing Pump Station Infrastructure	2	M	2	M	2	M	2	M	2	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.3.2.5 Existing Bulk Pipeline Infrastructure	2	M	2	M	2	M	2	M	2	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.3.2.6 Existing Tower & Reservoir Infrastructure	2	M	2	M	2	M	2	M	2	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
6.3.2.7 Existing Reticulation Infrastructure	2	M	2	M	2	M	2	M	2	M	2	M	80	90	Y	Y	Y	Y		Y	Y	Y	60	Y	No	60
Sub Topic 6.3 Compliancy & Needs Development Plans Assessment												80%	90%					39%			39%					

*** 6.4 Water and Waste Water Supply and Quality**

	In Place Y / N	80	90	60	60
6.4.1 Water: Incident Management Protocol	Y	80	90	60	60
6.4.2 Water: Process Control	Y	80	90	60	60
6.4.3 Water: Monitoring Programme	Y	80	90	60	60
6.4.4 Water: Sample Analysis (Credible: Scale 1 ??? 5 as per Blue Drop requirements)	Y	80	90	60	60
6.4.5 Water: Failure Response Management	Y	80	90	60	60
6.4.6 Blue Drop Status	Y	80	90	60	60
6.4.7 Waste Water: Incident Management Protocol	Y	80	90	60	60
6.4.8 Waste Water: Process Control	Y	80	90	60	60
6.4.9 Waste Water: Monitoring Programme	Y	80	90	60	60
6.4.10 Waste Water: Sample Analysis (Credible: Scale 1 ??? 5 as per Green Drop requirements)	Y	80	90	60	60
6.4.11 Waste Water: Failure Response Management	Y	80	90	60	60
6.4.12 Green Drop Status	Y	80	90	60	60
Sub Topic 6.4 Compliancy & Needs Development Plans Assessment		80%	90%	60%	60%

Enabling Factors		Compliance		Needs Development Plan		
		Status Quo		Future plan (to address issues)		Strategy
<u>OVERALL TOPIC ASSESSMENT</u>				ASSESSMENT	ASSESSMENT	
Quality: Information Accuracy Assessment					ASSESSMENT	
Quantity: Assessment of Information Completeness						ASSESSMENT
6.1 OPERATION & MAINTENANCE PLAN				80%	90%	
6.2 WATER SERVICES INFRASTRUCTURE: OPERATIONAL ASSESSMENT				80%	90%	
6.3 WATER SERVICES INFRASTRUCTURE: MAINTENANCE ASSESSMENT				80%	90%	
6.4 WATER SUPPLY QUALITY				80%	90%	
GENERAL COMMENTS				NEEDS DEVELOPMENT PLAN ASSESSMENT		
				Future plan		47%
				Strategy		47%
				OVERALL QUALITY ASSESSMENT		80%
				OVERALL QUANTITY ASSESSMENT		90%



Topic 7: Associated Services

Enabling Factors						Compliance			Needs Development Plan											
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):						Status Quo			Future plan (to address issues)					Strategy						
						ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT	
									Short (1) Medium (3) Long (5) None				*	* Higher Level	* Growth & Development					
									1	3	5	N								
Quality: Information Accuracy Assessment						Y / N / NA	%	%	Y / N / NA					%	Y / N	%				
Quantity: Assessment of Information Completeness																				
7.1 Water Services																				
Associated Services Facility	Number of facilities	Facilities with adequate services	Facilities with no services	Facilities with inadequate services	Total Potential cost (basic level) (RM)															
7.1.1 Education Plan																				
* Schools	157	156	0	1		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
Tertiary education facility						y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
Total																				
* 7.1.2 Health Plan																				
* Hospitals	6	6	0	0		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Health centres	0	0	0	0		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Clinics	25	19	0	6		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
Total																				
Sub Topic 7.1 Compliancy & Needs Development Plans Assessment							80%	90%									75%			30%
7.2 Sanitation Services																				
7.2.1 Education Plan																				
* Schools	157	119	0	38		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
Tertiary education facility						y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
Total																				
* 7.2.2 Health Plan																				
* Hospitals	6	6	0	0		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Health centres	0	0	0	0		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
* Clinics	25	20	0	5		y	80	90	Y	Y	Y	Y		Y	Y	Y	75	Y	No	30
Total																				
Sub Topic 7.2 Compliancy & Needs Development Plans Assessment							80%	90%									75%			30%



* BASELINE INFORMATION: COMPULSARY FIELDS

Enabling Factors

Compliance

Needs Development Plan

Status Quo

Future plan (to address issues)

Strategy



OVERALL TOPIC ASSESSMENT

ASSESSMENT

ASSESSMENT

ASSESSMENT

ASSESSMENT

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

7.1 WATER SERVICES

7.2 SANITATION SERVICES

80% 90%

80% 90%

GENERAL COMMENTS

Matjhabeng addresses all water and sanitation needs equally.

NEEDS DEVELOPMENT PLAN ASSESSMENT

Future plan 75%

Strategy 30%

OVERALL QUANTITY ASSESSMENT 90%

OVERALL QUALITY ASSESSMENT 80%



Topic 8: Conservation & Demand Management

Enabling Factors				Compliance								Needs Development Plan																	
Quality: Information Accuracy Assessment Quantity: Assessment of Information Completeness				Status Quo								Future plan (to address issues)							Strategy										
				Budget	Tools & Equipment	Personnel	Gazetted	Urban Settlements				Rural Settlements				ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
								Current		Previous		Current		Previous					Short (1) Medium (3) Long (5) None				RDP	Higher Level	Growth & Development				
								1	3	5	N	*	*	*	%				%	%									
8.1 Water Resource Management Interventions				Resources available to perform function? (Yes: Y, No: N, Partially: P,				Occuring? / Yes/No / Number Of				%	%	Y / N / NA							%	Y / N	%						
* 8.1.1 Reducing unaccounted water and water inefficiencies																													
Yes/No																													
8.1.1.1 Night flow metering	N	N	N									80	90	No												10	No	No	10
8.1.1.2 Day flow metering	N	N	N									80	90	No												10	No	No	10
8.1.1.3 Reticulation leaks	Y	Y	Y									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
8.1.1.4 Illegal connections	Y	Y	Y									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
8.1.1.5 Un-metered connections	Y	N	Y									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
8.1.1.6 Internal plumbing leaks	N	N	N									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
* 8.1.2 Reducing high pressures for residential consumers																													
Number Of																													
Number of consumer units with water supply pressure of:																													
8.1.2.1 <300kPa	Y	Y	Y									80	90																
8.1.2.2 300 >>>600kPa	Y	Y	Y									80	90																
8.1.2.3 600 >>>900kPa	Y	Y	Y									80	90	No												10	No	No	10
8.1.2.4 >900kPa (>9Bar)	Y	Y	Y									80	90	No												10	No	No	10
* 8.1.3 Leak and meter repair programmes																													
Number Of																													
Consumer units targeted by:																													
8.1.3.1 Leak repair assistance programme	Y	Y	Y									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
8.1.3.2 Retro-fitting of water efficient toilets	N	N	N									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
8.1.3.3 Meter repair programme	Y	Y	Y									80	90	Y	Y	Y	Y				Y	Y	Y			75	Y	No	75
8.1.4 Consumer/end-use demand management: Public Information & Education																													
Programmes																													
8.1.4.1 % Schools targeted by education programmes	N	N	N									80	90	No												10	No	No	10
8.1.4.2 % Consumers targeted by public information programmes	Y	Y	Y									80	10	No												10	No	No	10
* 8.1.4.3 IS THERE A OPERATION & MAINTENANCE PLAN? (Y / N):																													
Y																													

Enabling Factors	Compliance					Needs Development Plan										
	Status Quo					Future plan (to address issues)				Strategy						
	Number of Settlements	Artificial Recharge	Rain Water Harvesting	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for					
							Short (1) Medium (3) Long (5)				RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient
1							3	5	N	*						
Quality: Information Accuracy Assessment																
Quantity: Assessment of Information Completeness																
	Number of	%	%	%	%	Y / N / NA				%	Y / N	%				
8.1.5 Conjunctive use of surface ??? and groundwater																
Ground Water	NA	NA	NA	80	90											
Surface Water	NA	NA	NA	80	90											
Conjunctive Use	NA	NA	NA	80	90											
8.1.6 Working for Water																
Is there a Working for Water Programme in Place:						(Y / N) :										
Provide List of Projects:																
1)																
2)																
3)																
4)																
5)																
6)																
7)																
8.1.7 Does the municipality have a Water Conservation Demand Management Plan(WCDM)?						Yes	No	80	90							
8.1.8 Does the municipality have a strategy to meet 2014 targets?							N	80	90							
8.1.9 Is there an internal budget?							N	80	90							
8.1.10 Does the municipality apply through IDP funds for WCDM?							N	80	90							
Sub Topic 8.1 Compliance & Needs Development Plans Assessment								80%	86%				45%			45%

Comments: There are currently no WCWDM activities and/or plans in the Municipality. Although there is a growing concern to know the operation of the network better, limited information exists on the level of leaks in the area, the number of illegal connections, and internal plumbing leaks in households in the area. There is uncertainty regarding the exact level and source of "unaccounted for water" (UAW) in the area. There is no active leakage control information exists on the level of leaks in the area, the number of illegal connections, and internal plumbing leaks in households programme in place. If at all, the municipality reacts to complaints from consumers and implements a passive leakage management programme.

Topic 8: Conservation & Demand Management

Enabling Factors

General Notes: The compliancy and needs development plan section must be completed for each aspect listed

TOTAL: _____

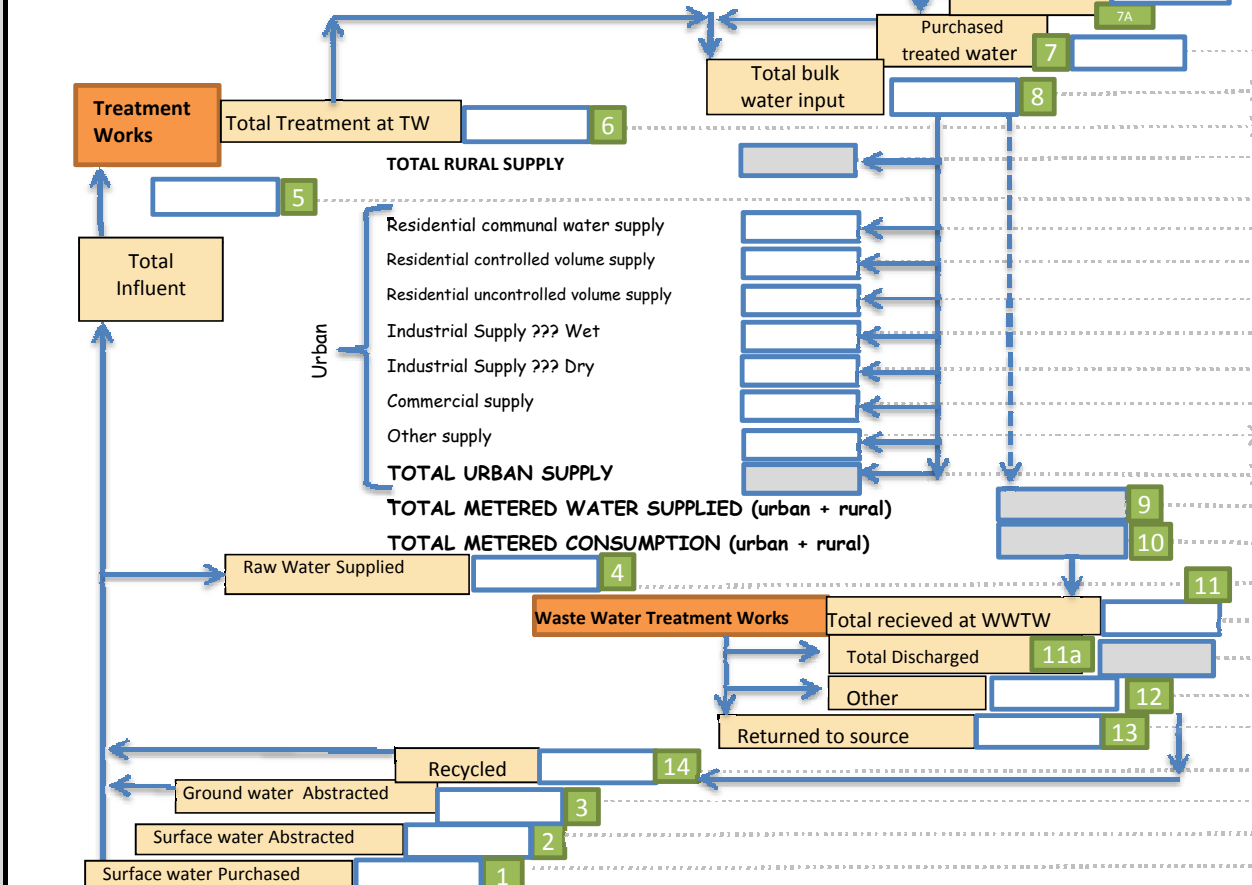
Must be completed for Total. If required **this page** can be completed in multi copies to list and describe more than one system

Compliance		Needs Development Plan										
Status Quo		Future plan (to address issues)				Strategy						
ASSESSMENT	ASSESSMENT	In place?	Time Frame				ASSESSMENT	In place?	Sufficient	ASSESSMENT		
			Short (1)	Medium (3)	Long (5)	None						
			1	3	5	N	*	*	*			

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

8.2 Water Balance (Volume Units in M ³ /d)	%	%	Y / N / NA				%	Y / N	%	
Ground Water										
Purchased treated water										
Total bulk water input										
Total Treatment at TW										
TOTAL RURAL SUPPLY										
Residential communal water supply										
Residential controlled volume supply										
Residential uncontrolled volume supply										
Industrial Supply ??? Wet										
Industrial Supply ??? Dry										
Commercial supply										
Other supply										
TOTAL URBAN SUPPLY										
TOTAL METERED WATER SUPPLIED (urban + rural)										
TOTAL METERED CONSUMPTION (urban + rural)										
Raw Water Supplied										
Waste Water Treatment Works										
Total recieved at WWTW										
Total Discharged										
Other										
Returned to source										
Recycled										
Ground water Abstracted										
Surface water Abstracted										
Surface water Purchased										



Comments

Sub Topic 8.2 Compliancy & Needs Development Plans Assessment	0%	0%								0%		0%
---	----	----	--	--	--	--	--	--	--	----	--	----



Enabling Factors

General Notes: The compliancy and needs development plan section must be completed for each aspect listed

TOTAL: _____

Must be completed for Total. If required **this page** can be completed in multi copies to list and describe more than one system

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

Compliance

Status Quo

Needs Development Plan

ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			Strategy			
			1	3	5	N	Basic	Higher Level	* Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT

8.3 Water Losses

8.3.1 - Raw Water Bulk Loss

Raw Water at Treatment	-	Total Raw Water Bulk Received	-	Raw Water Supplied	=	% LOSS
5	-	(1+2+3+14)	-	4	=	
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.2 - Treated Water Loss :Bulk

Total Metered Supplied	-	(Total Treated at Treated Water + Purchased Treated Water)	=		
9	-	8	=	<input type="text"/>	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>	<input type="text"/>

8.3.3 - Treated Water Loss :Interna

Metered Consumption	-	Metered Supplied	=		
10	-	9	=	<input type="text"/>	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>	<input type="text"/>

8.3.4 - Water Balance

Bulk Input (1+2+3+7+7a)	-	Usage	+	Discharged	=	Value
	-	9	+	13	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

Sub Topic 8.3 Compliancy & Needs Development Plans Assessment

0% 0% 0% 0%



Topic 8: Conservation & Demand Management

Enabling Factors

General Notes: The compliancy and needs development plan section must be completed for each aspect listed

System Name: _____

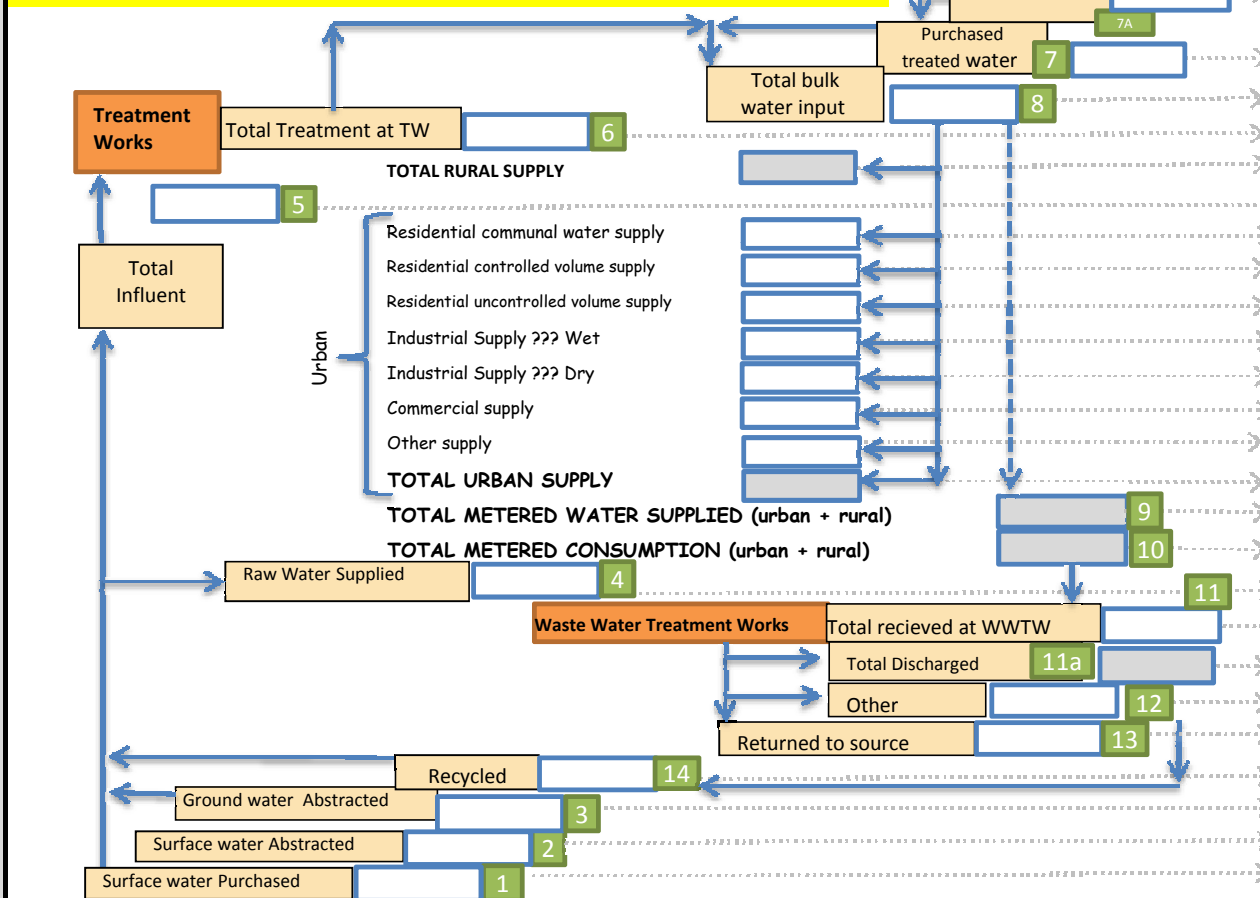
Must be completed for Total. If required **this page** can be completed in multi copies to list and describe more than one system

Compliance		Needs Development Plan										
Status Quo		Future plan (to address issues)			Strategy							
ASSESSMENT	ASSESSMENT	In place?	Time Frame		Sufficient for							
			Short (1)	Medium (3)	RDP	Higher Level Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT		
			1	3	5	N	*	*	*			

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

8.2 Water Balance (Volume Units in M³/d)



%		%		Y / N / NA				%		Y / N		%	

Comments												
Sub Topic 8.2 Compliancy & Needs Development Plans Assessment	0%	0%						0%				0%



Enabling Factors

General Notes: The compliancy and needs development plan section must be completed for each aspect listed

System Name: _____

Must be completed for Total. If required **this page** can be completed in multi copies to list and describe more than one system

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

Compliance

Status Quo

Needs Development Plan

Future plan (to address issues)			Strategy				
Time Frame		Sufficient for		ASSESSMENT	In place?	Sufficient	ASSESSMENT
Short (1)	Medium (3)	Basic	Higher Level				
Long (5)	None	*	*	* Growth & Development			
1	3	5	N	Y / N / NA			
%	%	Y / N / NA			%	Y / N	%

8.3 Water Losses

8.3.1 - Raw Water Bulk Loss

Raw Water at Treatment	-	Total Raw Water Bulk Received	-	Raw Water Supplied	=	% LOSS
5	-	(1+2+3+14)	-	4	=	
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.2 - Treated Water Loss :Bulk

Total Metered Supplied	-	(Total Treated at Treated Water + Purchased Treated Water)	=	% LOSS
9	-	8	=	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.3 - Treated Water Loss :Interna

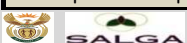
Metered Consumption	-	Metered Supplied	=	% LOSS
10	-	9	=	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.4 - Water Balance

Bulk Input (1+2+3+7a)-	-	Usage	+	Discharged	=	Value
	-	9	+	13	=	
<input type="text"/>	-	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

Sub Topic 8.3 Compliancy & Needs Development Plans Assessment

0% 0% 0% 0%



Topic 8: Conservation & Demand Management

Enabling Factors

General Notes: The compliancy and needs development plan section must be completed for each aspect listed

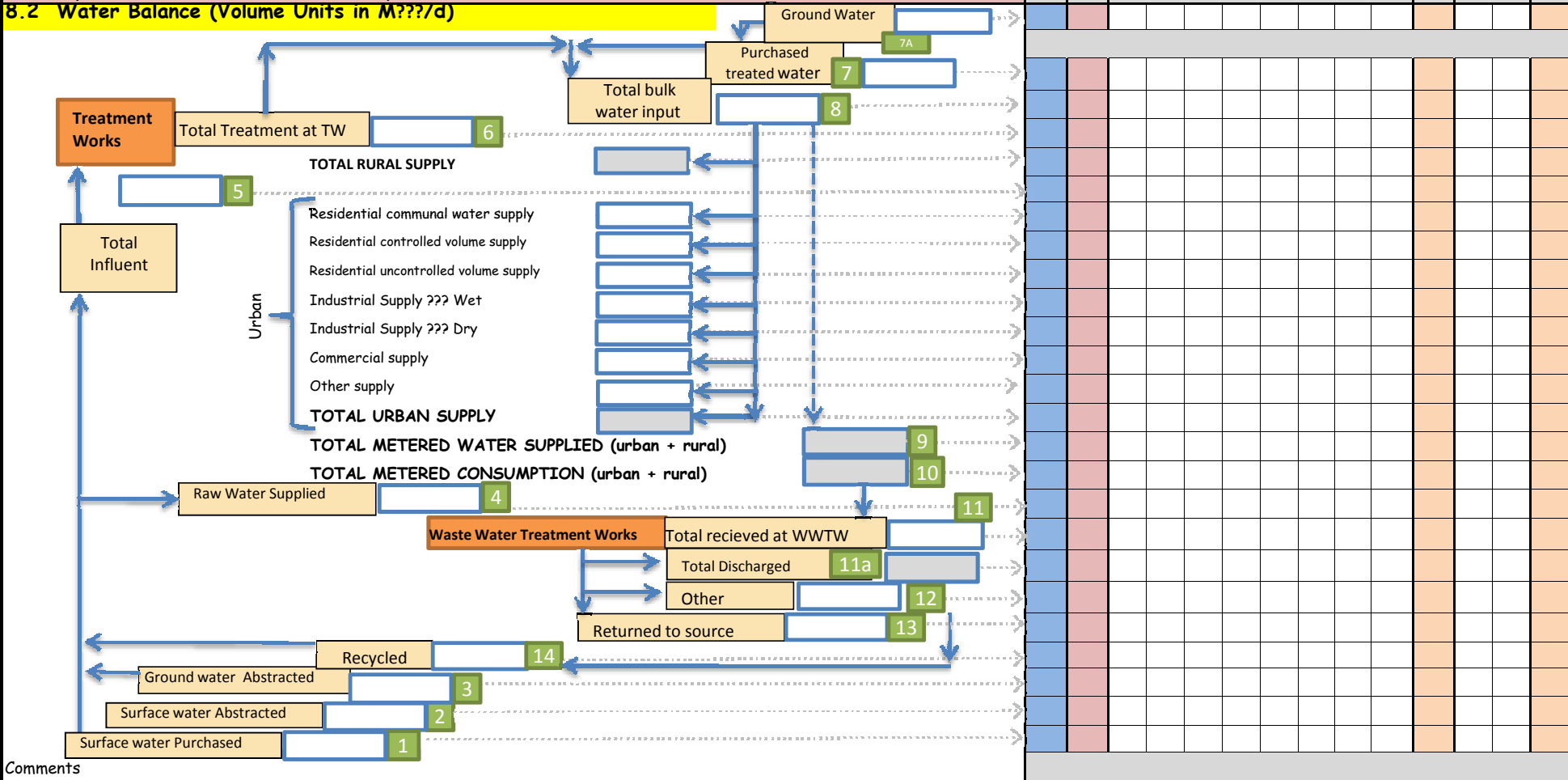
System Name: _____

Must be completed for Total. If required **this page** can be completed in multi copies to list and describe more than one system

Compliance		Needs Development Plan										
Status Quo		Future plan (to address issues)			Strategy							
ASSESSMENT	ASSESSMENT	In place?	Time Frame		Sufficient for							
			Short (1)	Medium (3)	RDP	Higher Level Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT		
			1	3	5	N	*	*	*			

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness



Comments

Sub Topic 8.2 Compliancy & Needs Development Plans Assessment

0%	0%	0%	0%
----	----	----	----

Enabling Factors	Compliance		Needs Development Plan								
	Status Quo		Future plan (to address issues)				Strategy				
	ASSESSMENT	ASSESSMENT	In place?	Time Frame				ASSESSMENT	In place?	Sufficient	ASSESSMENT
				Basic	Higher Level	Growth & Development					
General Notes: The compliancy and needs development plan section must be completed for each aspect listed											
System Name: _____ Must be completed for Total. If required this page can be completed in multi copies to list and describe more than one system											
Quality: Information Accuracy Assessment											
Quantity: Assessment of Information Completeness											
% % Y / N / NA % Y / N %											

8.3 Water Losses

8.3.1 - Raw Water Bulk Loss

Raw Water at Treatment	-	Total Raw Water Bulk Received	-	Raw Water Supplied	=	% LOSS
5	-	(1+2+3+14)	-	4	=	
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.2 - Treated Water Loss :Bulk

Total Metered Supplied	-	(Total Treated at Treated Water + Purchased Treated Water)
9	-	8
<input type="text"/>	-	<input type="text"/>
	=	<input type="text"/>
		<input type="text"/>

8.3.3 - Treated Water Loss :Internal

Metered Consumption	-	Metered Supplied
10	-	9
<input type="text"/>	-	<input type="text"/>
	=	<input type="text"/>
		<input type="text"/>

8.3.4 - Water Balance

Bulk Input	+ Usage	+ Discharged		
Input 1+2+3+7+7a)-	9	13	Value	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Sub Topic 8.3 Compliancy & Needs Development Plans Assessment

0% 0% 0% 0%

Enabling Factors	Compliance	Needs Development Plan													
General Notes: The compliancy and needs development plan section must be completed for each aspect listed System Name: _____ Must be completed for Total. If required this page can be completed in multi copies to list and describe more than one system Quality: Information Accuracy Assessment Quantity: Assessment of Information Completeness	Status Quo	Future plan (to address issues)							Strategy						
		ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for						
					ASSESSMENT	In place?	Sufficient	ASSESSMENT							
						Short (1)	Medium (3)	Long (5)	None	*	*	*			
		%	%		1	3	5	N	Y	N	NA	%	Y	N	%

8.3 Water Losses

8.3.1 - Raw Water Bulk Loss

Raw Water at Treatment	-	Total Raw Water Bulk Received	-	Raw Water Supplied	=	% LOSS
5	-	(1+2+3+14)	-	4	=	
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.2 - Treated Water Loss :Bulk

Total Metered Supplied	-	(Total Treated at Treated Water + Purchased Treated Water)	=	% LOSS
9	-	8	=	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.3 - Treated Water Loss :Interna

Metered Consumption	-	Metered Supplied	=	% LOSS
10	-	9	=	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.4 - Water Balance

Bulk Input (1+2+3+7a)-	-	Usage	+	Discharged	=	Value
	-	9	+	13	=	
<input type="text"/>	-	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

Sub Topic 8.3 Compliancy & Needs Development Plans Assessment

0% 0% 0% 0%



Topic 8: Conservation & Demand Management

Enabling Factors

General Notes: The compliancy and needs development plan section must be completed for each aspect listed

System Name: _____

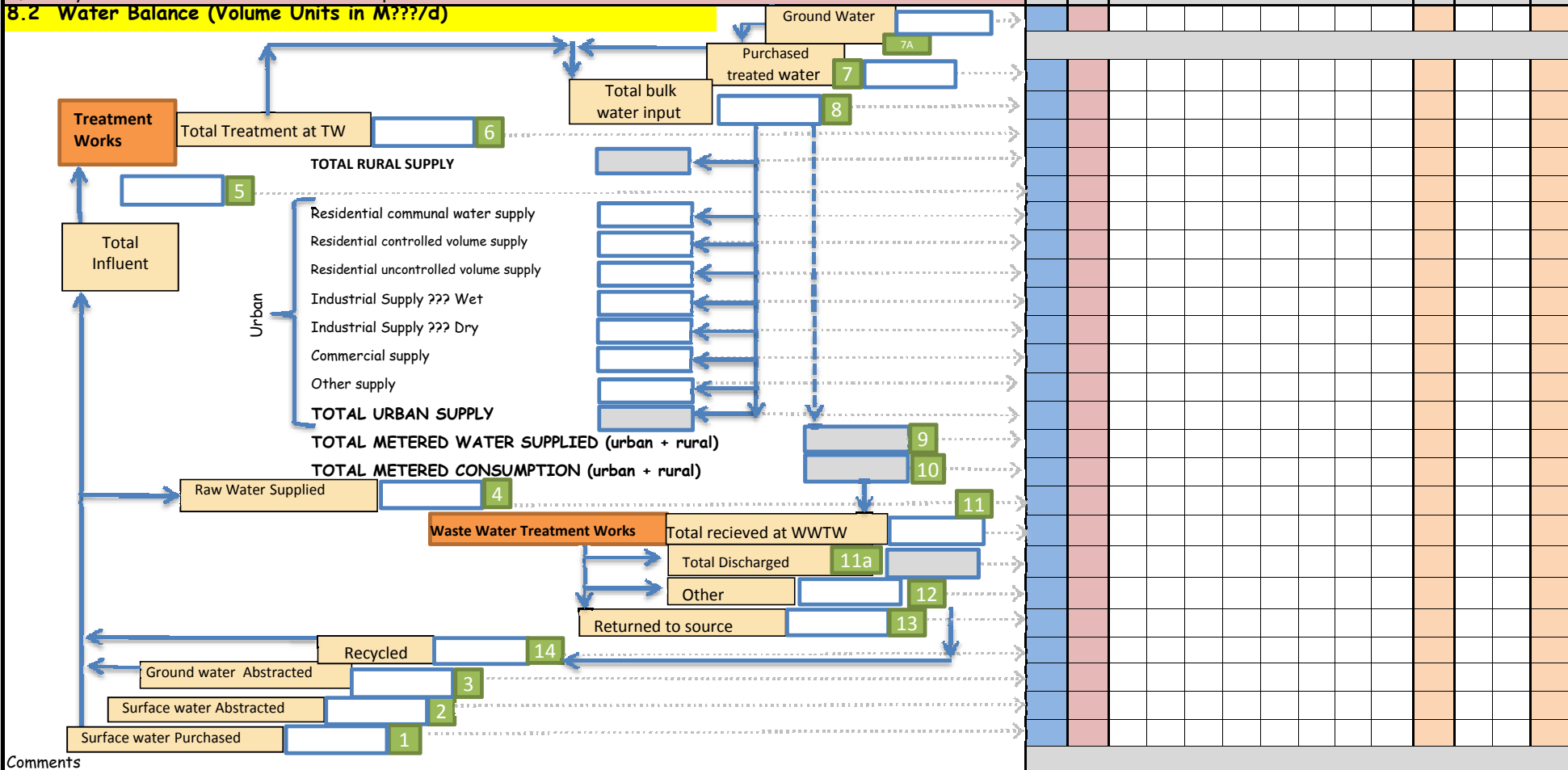
Must be completed for Total. If required **this page** can be completed in multi copies to list and describe more than one system

Compliance		Needs Development Plan										
Status Quo		Future plan (to address issues)			Strategy							
ASSESSMENT	ASSESSMENT	In place?	Time Frame		Sufficient for							
			Short (1)	Medium (3)	RDP	Higher Level Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT		
			1	3	5	N	*	*	*			

Quality: Information Accuracy Assessment %

Quantity: Assessment of Information Completeness %

8.2 Water Balance (Volume Units in M³/d)



Comments

Sub Topic 8.2 Compliancy & Needs Development Plans Assessment

0%	0%	0%	0%
----	----	----	----



Enabling Factors	Compliance	Needs Development Plan											
General Notes: The compliancy and needs development plan section must be completed for each aspect listed System Name: _____ Must be completed for Total. If required this page can be completed in multi copies to list and describe more than one system Quality: Information Accuracy Assessment Quantity: Assessment of Information Completeness	Status Quo	Future plan (to address issues)							Strategy				
		ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for				
					Basic	Higher Level	* Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT		
					Short (1)	Medium (3)	Long (5)	None	*	*	*		
		%	%	Y / N / NA							%	Y / N	%

8.3 Water Losses

8.3.1 - Raw Water Bulk Loss

Raw Water at Treatment	-	Total Raw Water Bulk Received	-	Raw Water Supplied	=	% LOSS
5	-	(1+2+3+14)	-	4	=	
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.2 - Treated Water Loss :Bulk

Total Metered Supplied	-	(Total Treated at Treated Water + Purchased Treated Water)	=	% LOSS
9	-	8	=	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.3 - Treated Water Loss :Interna

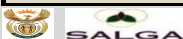
Metered Consumption	-	Metered Supplied	=	% LOSS
10	-	9	=	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

8.3.4 - Water Balance

Bulk Input (1+2+3+7a)-	-	Usage	+	Discharged	=	Value
	-	9	+	13	=	
<input type="text"/>	-	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

Sub Topic 8.3 Compliancy & Needs Development Plans Assessment

0% 0% 0% 0%



Topic 8: Conservation & Demand Management

Enabling Factors		Compliance		Needs Development Plan			
		Status Quo		Future plan (to address issues)		Strategy	
<p><u>OVERALL TOPIC ASSESSMENT</u></p> <p>Quality: Information Accuracy Assessment</p> <p>Quantity: Assessment of Information Completeness</p>		ASSESSMENT	ASSESSMENT		ASSESSMENT		ASSESSMENT
<p>8.1 WATER RESOURCE MANAGEMENT INTERVENTIONS</p> <p>8.2 WATER BALANCE</p> <p>8.3 WATER LOSSES</p> <p>General Comments: Limited information is available and to obtain a fair representation of the situation a more detailed investigation and more information is required. The capacity of the water treatment works appears to be out of proportion with the current and projected water use requirements. The municipality will have to provide and confirm the yield results.</p>							
		80%	86%	<p>NEEDS DEVELOPMENT PLAN ASSESSMENT</p> <p>Future plan 0%</p> <p>Strategy 0%</p>			
		0%	0%				
		0%	0%				
				OVERALL QUALITY ASSESSMENT		27%	
				OVERALL QUANTITY ASSESSMENT		29%	



* 9.1 Sources & Volumes

* CURRENT Water sources	* Number of sources	* Current abstraction (Mm ³ /A)	* Licensed abstraction (Mm ³ /A)	* Community water supply		ASSESSMENT	ASSESSMENT	* FUTURE Water sources	* Number of sources	* Current abstraction (MI/A)	* Licensed abstraction (MI/A)	* Community water supply		ASSESSMENT	ASSESSMENT
				Rural	Urban							Rural	Urban		
Groundwater	NA					80	90	Groundwater	0					80	90
Surface Water	NA					80	90	Surface Water	0					80	90
External Sources (Bulk purchase)	1	34305.919	NA			80	90	External Sources (Bulk purchase)	1	34305.919				80	90
Water returned to source	NA					80	90	Water returned to source	0					80	90
Sub Topic 9.1 Compliancy & Needs Development Plans Assessment						80%	90%	Sub Topic 9.1 Compliancy & Needs Development Plans Assessment						80%	90%

Enabling Factors						Compliance						Needs Development Plan								
Resources available to perform function? (Yes: Y, No: N, Partially: P, N/A: NA):						Status Quo						Future plan (to address issues)				Strategy				
						Budget	Tools & Equipment	Personnel	Gazetted	Council approved	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for
Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level											Growth & Development				
Quality: Information Accuracy Assessment						Y / N / NA						Y / N / NA								
Quantity: Assessment of Information Completeness						Y / N / NA						Y / N / NA								

9.2 Monitoring **Is there a Monitoring Plan in Place (Y / N):**

9.2.1 % of water abstracted monitored: Surface water	NA									80	90	No							10	No	No	10	
9.2.2 % of water abstracted monitored: Groundwater	NA									80	90	No							10	No	No	10	
9.2.3 % of water abstracted monitored: External Sources (Bulk purchase)	100									80	90	Y	Y	Y	Y		Y	Y	Y	90	Y	Y	90
9.2.4 Water levels (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	NA	N	N	N			N	N		80	90	No						10	No	No	10		
9.2.5 Water quality? (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	3	Yes	Yes	Yes			Y	Y		80	90	Y	Y	Y	Y		Y	Y	Y	90	Y	Y	90
9.2.6 Borehole yields? (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	NA	N	N	N			N	N		80	90	No						10	No	No	10		
9.2.7 Borehole abstraction? (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	NA	N	N	N			N	N		80	90	No						10	No	No	10		
* 9.2.8 % Compliance to drinking water acceptable limits	100	Yes	Yes	Yes			Y	Y		80	90	Y	Y	Y	Y		Y	Y	Y	90	Y	Y	90
* 9.2.9 % Compliance to effluent release acceptable limits	40	Yes	Yes	Yes			Y	Y		80	90	Y	Y	Y	Y		Y	Y	Y	90	Y	Y	90
9.2.10 Number of monitoring points for drinking water sufficient	Yes	Yes	Yes	Yes			Y	Y		80	90	Y	Y	Y	Y		Y	Y	Y	90	Y	Y	90
9.2.11 Number of monitoring points for effluent release sufficient	Yes	Yes	Yes	Yes			Y	Y		80	90	Y	Y	Y	Y		Y	Y	Y	90	Y	Y	90
Sub Topic 9.2 Compliancy & Needs Development Plans Assessment											80%	90%							54%			54%	



Topic 9: Water Resources

Enabling Factors				Compliance								Needs Development Plan											
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):				Status Quo								Future plan (to address issues)						Strategy					
				Budget	Tools & Equipment	Personnel	Gazetted	Council approved	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
													Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development				
Quality: Information Accuracy Assessment				Y / N / NA								Y / N / NA						Y / N					
Quantity: Assessment of Information Completeness				Y / N / NA								Y / N / NA						Y / N					
9.3 Water Quality				Is there a Water Quality Plan in Place (Y / N):																			
9.3.1 Reporting on quality of water taken from source: urban & rural	3	Y	Yes	Yes	Yes			Y	Y	80	90	Y	Y	Y	Y		Y	Y	Y	90	No	No	10
9.3.2 Quality of water returned to the resource: urban	3	Y	Yes	Yes	Yes					80	90	Y	Y	Y	Y		Y	Y	Y	90	No	No	10
9.3.3 Quality of water returned to the resource: rural	NA	NA	NA	NA	NA	NA	NA	NA	NA	80	90	NA								10	No	No	10
9.3.4 Is there a Pollution contingency measures plan in place?	1	N	N	N	N					80	90	NA								10	No	No	10
9.3.5 Quality of water taken from source: urban - % monitored by WSA self?	1	N	N	N	N					80	90	NA								10	No	No	10
9.3.6 Quality of water taken from source: rural - % monitored by WSA self?	NA	NA	NA	NA	NA	NA	NA	NA	NA	80	90	NA								10	No	No	10
9.3.7 Quality of water returned to the source: urban - % monitored by WSA self?	3	y	Yes	Yes	Yes					80	90	NA								10	No	No	10
9.3.8 Quality of water returned to the source: rural - % monitored by WSA self?	NA	NA	NA	NA	NA	NA	NA	NA	NA	80	90	NA								10	No	No	10
9.3.9 Are these results available in electronic format? (Yes/no)	3	Y	Yes	Yes	Yes					80	90	Y	Y	Y	Y		Y	Y	Y	90	No	No	10
9.3.10 % Time (days) within SABS 241 standards per year	71	Y	Yes	Yes	Yes					80	90	Y	Y	Y	Y		Y	Y	Y	90	No	No	10
Sub Topic 9.3 Compliancy & Needs Development Plans Assessment										80%	90%							42%					

General Comments



9

Enabling Factors

Compliance

Needs Development Plan

9.5 Wet Industries

Resources to perform the function

Future plan (to address issues)

Strategy

Billing	Budget	Tools & Equipment	Personnel	Gazetted	Council approved	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT			
											Short (1) Medium (3) Long (5) None				RDP	Higher Level	Growth & Development							
											1	3	5	N								*	*	*

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

Y / N / NA								%	%	Y / N / NA							%	Y / N		%
------------	--	--	--	--	--	--	--	---	---	------------	--	--	--	--	--	--	---	-------	--	---

9.4 Wet Industries: Urban and Rural

Monthly Water use (kl) (Total)	Pressure (kPa) (Total)	Water Quality				Reliability (inadequate, special treatment) (Total)																						
		Raw (Total)	Filtered (Total)	Chlorinated (Total)	Fully Treated (Total)																							
							Y	Y	Y	Y			Y	Y	80%	90%	Y	Y	Y	Y		Y	Y	Y	60%	N	N	10%

9.5 ???Raw??? Water Consumers: Urban and Rural

Monthly Water use (kl) (Total)	Pressure (kPa) (Total)	Water Quality			Tariff (R/kl) (Total)	Reliability (inadequate, special treatment) (Total)																								
		Raw (Total)	Filtered (Total)	Other (Total)																										
NA	NA	NA	NA	NA	NA	NA	N	N	N	N			N	N	80%	90%	N													

9.6 Industrial Consumer Units for Sanitation: Urban and Rural

Number of service units (Total)	Monthly waste water (kl) (Total)	Monthly Sewage (kl) (Total)	Total Treated effluent (kl) (Total)	Total Untreated effluent (kl) (Total)	Total Return flow to river system (kl)																								
3							Y	Y	Y	Y			Y	Y	80%	90%	Y	Y	Y	Y		Y	Y	Y	60%	N	N	10%	

9.7 Industries and their permitted effluent releases

Permitted volume (MI/yr) (Total)	Permitted effluent quality (units) (Total)																												
0	0						N								80%	90%	Y	Y	Y	Y		Y	Y	Y	60%	N	N	10%	



* BASELINE INFORMATION: COMPULSARY FIELDS

Topic 9: Water Resources

Enabling Factors

Compliance

Needs Development Plan

Resources to perform the function

Future plan (to address issues)

Strategy

OVERALL TOPIC ASSESSMENT

ASSESSMENT

ASSESSMENT

ASSESSMENT

ASSESSMENT

Quality: Information Accuracy Assessment

Quantity: Assessment of Information Completeness

9.1 Sources & Volumes

9.2 Monitoring

9.3 Water Quality

9.4 Wet Industries: Urban & Rural

9.5 'Raw' Water Consumers: Urban & Rural

9.6 Industrial Consumer Units for Sanitation: Urban & Rural

9.7 Industries and their permitted effluent releases

80%	90%
80%	90%
80%	90%
80%	90%
80%	90%
80%	90%
80%	90%

Comments

The municipality receives its water directly from Sedibeng Water Company situated in Bulkfontein in the Northwest Province. Sedibeng purchases water from Vaal River under license from DWA. A Breakdown of the Water Users were not available at the time the WSDP was prepared. The Drinking Water monitoring status of the municipality according to the DWA monitoring shows that the quality is excellent in most areas. There are no industries within this area with direct effluent releases, they are all part of the standard sewer networks. Mines are the exception.

NEEDS DEVELOPMENT PLAN ASSESSMENT

Future plan	48%
Strategy	17%

OVERALL QUANTITY ASSESSMENT	90%
OVERALL QUALITY ASSESSMENT	80%



10.1 Capital Funds

		Housing	Trading Services						Grand Total	
			Environmental Protection	Waste Management (solid waste)	Waste water management	Road transport	Water	Electricity		Other Trading Services
10.1.1 Income		RM	RM	RM	RM	RM	RM	RM	RM	
10.1.1.1	Subsidies From:									
10.1.1.2	National Government									
10.1.1.3	Provincial Government									
10.1.1.4	Local Government									
10.1.1.5	Other									
10.1.1.6	Grants (including the equitable share) from:									
10.1.1.7	National Government			37853	33442	25161	6936	33713	137105	
10.1.1.8	Provincial Government			16000					16000	
10.1.1.9	Local Government						6500		6500	
10.1.1.10	Other								0	
10.1.1.11	Spent conditional grants			26.71	82.71	0.54	4.14	19.22	133.33	
10.1.1.12	Metering & Billing Income					221	328	157	706	
10.1.1.13	Other Income									
10.1.1.14	Deficit									
	Total Income				53879.713	33524.71	25382.9	13768.1	33889.2	160444.33


Comments:



Topic 10: Financial Profile

Enabling Factors	Compliance						Needs Development Plan												
	Status Quo						Future plan (to address issues)						Strategy						
	Water		Sanitation				ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient
Urban	Rural	Urban	Rural	Urban	Rural	1				3	5	N	RDP	Higher Level	Growth & Development	%			
Quality: Information Accuracy Assessment																			
Quantity: Assessment of Information Completeness							%	%											

*** 10.1.2 Capital Expenditure % Allocation spend in last financial year**

	Values to be given in R million																	
Internal infrastructure	0.54		2.91		60	90	y	y	y	y		y	y	y	75	y	No	50
Connector infrastructure					60	90	y	y	y	y		y	y	y	75	y	No	50
Bulk infrastructure:  New Upgrading Rehabilitation			1.13		60	90	y	y	y	y		y	y	y	75	y	No	50
					60	90	y	y	y	y		y	y	y	75	y	No	50
			22.67		60	90	y	y	y	y		y	y	y	75	y	No	50
VIP toilets & other dry sanitation system					60	90	y	y	y	y		y	y	y	75	y	No	50
Other					60	90	y	y	y	y		y	y	y	75	y	No	50
Average debtor days	45	45	45	45	60	90	y	y	y	y		y	y	y	75	y	No	50
Total cost	54		26.71		60	90	y	y	y	y		y	y	y	75	y	No	50

Sub Topic 10.1 Compliancy & Needs Development Plans Assessment 60% 90% 75% 50%

10.2 Operating Costs Is there a Operating Costs Plan in Place for (Y / N): Y

Purchase of bulk water	124.9				80	90	y	y	y	y		y	y	y	75	y	No	50
Production costs (raw water if from own sources)	NA				80	90	y	y	y	y		y	y	y	75	y	No	50
Production costs (treatment system)	NA				80	90	y	y	y	y		y	y	y	75	y	No	50
Operating costs	1.5		4.6		80	90	y	y	y	y		y	y	y	75	y	No	50
Finance charges	NA				80	90	y	y	y	y		y	y	y	75	y	No	50
Other	NA				80	90	y	y	y	y		y	y	y	75	y	No	50
Total cost	126.4		4.6		80	90	y	y	y	y		y	y	y	75	y	No	50

Sub Topic 10.2 Compliancy & Needs Development Plans Assessment 80% 90% 75% 50%

Enabling Factors		Compliance										Needs Development Plan													
		Status Quo										Future plan (to address issues)					Strategy								
		Fixed Tariff		Volume Charges								ASSESSMENT	ASSESSMENT	In place?	Time Frame			Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT	
				Block Definition 1 Kl per month from: 0 to 6		Block Definition 2 Kl per month from: 6 to 50		Block Definition 3 Kl per month from: 50 to 999999		Block Definition 4 Kl per month from: _____to_____					Short (1) Medium (3) Long (5) None	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?					Sufficient
Current	Previous	Current	Previous	Current	Previous	Current	Previous	Current	Previous	1	3	5	N	*							*	*	%	Y / N	
Quality: Information Accuracy Assessment		Y / N / NA										%	%	Y / N / NA					%	Y / N	%				
Quantity: Assessment of Information Completeness		Y / N / NA										%	%	Y / N / NA					%	Y / N	%				
10.3 Tariff & Charges		Is there a Tariff & Charges Plan in Place for (Y / N):										80	90												
10.3.1 Residential		Values to be given in R / kl for Current and Previous Financial Years																							
Water	Communal Water Supply			10.25	10.25	12.41	12.41	16.43	16.43			80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
	Controlled Volume Supply											80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
	Uncontrolled Volume Supply											80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Sanitation	On site dry											80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
	On site wet (conservancy tanks etc.)											80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
	Water borne reticulated sanitation	90.6	90.6									80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Enabling Factors		Compliance										Needs Development Plan													
		Status Quo										Future plan (to address issues)					Strategy								
		Fixed Tariff		Volume Charges								ASSESSMENT	ASSESSMENT	In place?	Time Frame			Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT	
				Block Definition 1 Kl per month from: 0 to 999999		Block Definition 2 Kl per month from: _____to_____		Block Definition 3 Kl per month from: _____to_____		Block Definition 4 Kl per month from: _____to_____					Short (1) Medium (3) Long (5) None	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?					Sufficient
Current	Previous	Current	Previous	Current	Previous	Current	Previous	Current	Previous	1	3	5	N	*							*	*	%	Y / N	
Quality: Information Accuracy Assessment		Y / N / NA										%	%	Y / N / NA					%	Y / N	%				
Quantity: Assessment of Information Completeness		Y / N / NA										%	%	Y / N / NA					%	Y / N	%				
10.3.2 Industrial		Values to be given in R / kl for Current and Previous Financial Years																							
Water	Industrial											80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
	Sanitation Industrial											80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50



* BASELINE INFORMATION: COMPULSARY FIELDS

Enabling Factors	Compliance						Needs Development Plan											
WATER	Status Quo						Future plan (to address issues)						Strategy					
	Urban		Rural		TOTAL	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for		ASSESSMENT	In place?	Sufficient	ASSESSMENT
	Current	Previous	Current	Previous					Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level				
	Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):						1	3	5	N	*	*	*	%	Y / N	%		
Quality: Information Accuracy Assessment						Y / N / NA												
Quantity: Assessment of Information Completeness																		

10.5 Metering, Billing & Income

*** 10.5.1 Residential: Water**

* Units Supplied	18926466	20242548				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Metered %	77.23	76				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Billed %	77.23	76				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Not Metered	22.67	24				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Income Received %	36.13	38.26				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Non Payment %	67.87	61.74				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50

10.5.2 Industrial: Water

Units Supplied						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Metered %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Billed %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Not Metered						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Income Received %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Non Payment %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50

Topic 10: Financial Profile

Enabling Factors		Compliance				Needs Development Plan														
		Status Quo				Future plan (to address issues)						Strategy								
SANITATION		Urban		Rural		TOTAL	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
		Fixed Charge	Value Charge	Fixed Charge	Value Charge					1	3	5	N	RDP	Higher Level	Growth & Development				
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):							%	%		Y/N/NA				%	Y/N	%				
Quality: Information Accuracy Assessment																				
Quantity: Assessment of Information Completeness																				

*** 10.5.3 Commercial: Sanitation**

* Units Supplied	1018128					60	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Metered %																			
* Billed %	89.19	89				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Not Metered	10.81	11				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Income Received %	47.55	49.7				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
* Non Payment %	52.45	50.3				80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
						80	90	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50

10.5.4 Industrial: Sanitation

Units Supplied						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Metered %																			
Billed %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Not Metered						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Income Received %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50
Non Payment %						10	10	Y	Y	Y	Y		Y	Y	Y	80	Y	No	50

Sub Topic 10.5 Compliancy & Needs Development Plans Assessment **23%** **25%** **40%** **23%**

Topic 11: Water Services Institutional Arrangements Profile

Enabling Factors	Compliance								Needs Development Plan											
WSA functions and outputs Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):	Status Quo								Future plan (to address issues)						Strategy					
	Policy in Place	Budget	Personnel	Gazetted	Council approved	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
										Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development				
Y / N / NA								%								Y / N				
Quality: Information Accuracy Assessment																				
Quantity: Assessment of Information Completeness																				
11.1 General Functions																				
* 11.1.1 Policy development																				
* Indigent Policy																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Free basic water policy (including equitable share)																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Free basic sanitation policy																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Procurement policy																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Credit control & debt collection policy																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* 11.1.2 Regulation and tariffs																				
* Water Services bylaws with conditions as required by the Water Services Act																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Mechanisms to ensure compliance with bylaws																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Tariff structure																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* Tariffs promulgated																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
11.1.3 Infrastructure development (projects)																				
Mechanisms to undertake project feasibility studies																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Criteria for prioritising projects																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Mechanisms to assess and approve project business plans																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Mechanisms for selecting, contracting, managing and monitoring implementing agents																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Mechanisms to monitor project implementation																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
11.1.4 Water conservation and demand management																				
Water conservation and demand management strategy																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
11.1.5 Performance management and monitoring																				
Performance management systems																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Water service monitoring and evaluation (M&E) system																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
11.1.6 WSDP																				
WSDP information system																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Mechanisms to monitor and report on WSDP implementation																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Mechanisms for stakeholder participation																				
Yes	Yes	Yes		Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 11.1 Compliancy & Needs Development Plans Assessment							80%	90%									80%			50%

Topic 11: Water Services Institutional Arrangements Profile

Enabling Factors	Compliance								Needs Development Plan												
WSA functions and outputs	Status Quo								Future plan (to address issues)						Strategy						
	Policy in Place	Budget	Personnel	Gazetted	Council approved	Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
											Short (1)	Medium (3)	Long (5)	None	RDP	Higher Level	Growth & Development				
Quality: Information Accuracy Assessment	Y / N / NA								Y / N / NA						Y / N						
Quantity: Assessment of Information Completeness	Y / N / NA								Y / N / NA						Y / N						
11.2 Bulk & Retail Functions																					
11.2.1 Water Service providers (retail water)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.2 Water service providers (sanitation)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.3 Water service providers (bulk water)	NA	NA	NA	NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.4 Water service providers (bulk sanitation)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.5 Support service agents (water)	NA	NA	NA	NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.6 Sanitation Promotion agent	NA	NA	NA	NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.7 Support service contracts	NA	NA	NA	NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
* 11.2.8 Water service institutions	NA	NA	NA	NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
* 11.2.9 WSP staffing levels: water	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
* 11.2.10 WSP staffing levels: sanitation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
11.2.11 WSP training programme	NA	NA	NA	NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	80	Yes	No	50
Sub Topic 11.2 Compliancy & Needs Development Plans Assessment								80%	90%							80%	50%				
* 11.3 Water Services Providers		* Name					* Contract type					* % Consumers served by the WSP									
* 11.3.1 Retail water	SEDIBENG					Water Board					100%										
* 11.3.2 Sanitation	Matjhabeng					Water Service Authority					100%										
Sub Topic 11.3 Compliancy & Needs Development Plans Assessment								0%	0%							0%	0%				
General Comments		11.1 GENERAL FUNCTIONS						80%	90%	NEEDS DEVELOPMENT PLAN ASSESSMENT											
		11.2 BULK & RETAIL FUNCTIONS						80%	90%	Future plan			53%	Strategy			33%				
		11.3 WATER SERVICES PROVIDERS						0%	0%	OVERALL QUALITY ASSESSMENT						53%					
								OVERALL QUANTITY ASSESSMENT						60%							

Topic 12: Social & Customer Service Requirements

Enabling Factors				Compliance						Needs Development Plan															
Population values to be given for Current and Previous Financial Years				Status Quo						Future plan (to address issues)						Strategy									
				Budget	Physical Resources	Personnel	Gazetted	Urban Households		Rural Households		ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
								Current	Previous	Current	Previous				1	3	5	N	RDP	Higher Level	Growth & Development				
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):																									
Quality: Information Accuracy Assessment																									
Quantity: Assessment of Information Completeness																									
Y / N / NA				Number Of				%		%		Y / N / NA						%		Y / N		%			

Customer Services

12.1 Resources																					
12.1.1 Quality of service for water: urban	Yes	Yes	Yes					80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.1.2 Quality of service for water: rural	na	na	na					80	90	na								10	na		10
12.1.3 Attending to complaints for water: urban	Yes	Yes	Yes					80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.1.4 Attending to complaints for water: rural	na	na	na					80	90	na								10	na		10
12.1.5 Attending to complaints for sanitation: urban	Yes	Yes	Yes					80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.1.6 Attending to complaints for sanitation: rural	na	na	na					80	90	na								10	na		10
12.1.7 Education for basic water services	no	no	no					80	90	no								10	no		10
12.1.8 Pollution awareness	No	No	No					80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 12.1 Compliancy & Needs Development Plans Assessment								80%	90%							45%			30%		

12.2 Quality of Service for Water																						
12.2.1 Total number of consumers					90427				60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* 12.2.2 Number of consumers experiencing greater than 7 days interruption in supply per year					800	0	NA	NA	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.2.3 Number of consumers receiving flow rate of less than 10 litres per minute					0	0	NA	NA	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.2.4 Water quality: no chlorination					NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.2.5 Water quality: chlorinated					NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.2.6 Water quality: full treatment					NA	NA	NA	NA	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 12.2 Compliancy & Needs Development Plans Assessment								77%	90%							80%			50%			

12.3 No. Consumer units to be targeted by:																					
12.3.1 Water education (including water conservation)	yes	yes	yes					60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.3.2 Sanitation promotion and health and hygiene awareness	Yes	Yes	Yes					60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 12.3 Compliancy & Needs Development Plans Assessment								60%	50%							80%			50%		



Enabling Factors	Compliance				Needs Development Plan													
	Status Quo				Future plan (to address issues)						Strategy							
	Urban Households		Rural Households		ASSESSMENT	ASSESSMENT	In place?	Time Frame				Sufficient for			ASSESSMENT	In place?	Sufficient	ASSESSMENT
	Current	Previous	Current	Previous				1	3	5	N	RDP	Higher Level	Growth & Development				
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):																		
Quality: Information Accuracy Assessment																		
Quantity: Assessment of Information Completeness																		
12.4 Attending to Complaints for Water																		
Households values to be given for Current and Previous Financial Years																		
12.4.1 Total number of consumer units	90427		na	na	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.4.2 Number of complaints of quality of service per year divided by total number of consumer units	12%		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.4.3 Number of queries/complaints received within the year	10838		na	na	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
* 12.4.4 % Queries responded to within 24 hours	98		na	na	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.4.5 Number of major or visible leaks reported within the year	4369		na	na	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.4.6 % Major or visible leaks repaired within 48 hours after being reported	99		na	na	80	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 12.4 Compliancy & Needs Development Plans Assessment																		
77% 90% 80% 50%																		
12.5 Attending to Complaints for Sanitation: Discharge to Treatment Works																		
Households values to be given for Current and Previous Financial Years																		
12.5.1 Total number of consumer units	85703		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.5.2 Number of complaints of quality of service per year divided by total number of consumer units	11%		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.5.3 Number of queries/complaints received within the year	9351		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.5.4 % Queries responded to within 24 hours	99%		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.5.5 Number of blockages reported within the year	9351		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.5.6 % Blockages repaired within 48 hours after being reported	99%		na	na	60	90	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 12.5 Compliancy & Needs Development Plans Assessment																		
60% 90% 80% 50%																		
12.6 Attending to Complaints for Sanitation: Pit/Tank Pumping																		
Households values to be given for Current and Previous Financial Years																		
12.6.1 Number of pits/ tanks	32		na	na	60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.6.2 Number of calls received within the year for emptying	780		na	na	60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.6.3 Number of calls received within the year for emergency maintenance to pits/ tanks	78		na	na	60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.6.4 % Queries responded to within 24 hours	90		na	na	60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
12.6.5 % Pits/tanks pumped within 48 hours of being reported	99		na	na	60	50	Yes	Yes	Yes	Yes		Yes	Yes	Yes	80	Yes	No	50
Sub Topic 12.6 Compliancy & Needs Development Plans Assessment																		
60% 50% 80% 50%																		
OVERALL TOPIC ASSESSMENT																		
12.1 RESOURCES					80%	90%												
12.2 QUALITY OF SERVICE FOR WATER					77%	90%												
12.3 NO. CONSUMER UNITS TO BE TARGETED BY					60%	50%												
12.4 ATTENDING TO COMPLAINTS FOR WATER					77%	90%												
12.5 ATTENDING TO COMPLAINTS FOR SANITATION: DISCHARGE TO TREATMENT WORKS					60%	90%	Future plan						68%	Strategy				43%
12.6 ATTENDING TO COMPLAINTS FOR SANITATION: PIT/TANK PUMPING					60%	50%												
OVERALL QUALITY ASSESSMENT 69%																		
OVERALL QUANTITY ASSESSMENT 77%																		



Topic 13: Needs Development Plan

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LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefitting From Project	Percentage of Water Used For			Feas
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development	Status
		Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Works Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment					In process Completed Not yet started Funded
Nyakalong upgrade	fs_temp0910_0255	Water Internal Bulk	15869			100	In Process	In Process	
Thabong: Rehabilitation of sewer treatment works (159996)	MIG/FS0620/S/08/09	Sanitation Services	53200				Completed	Approved	
Bronville Ext 9: Internal water network for 362 erven (MIS:185996)	MIG/FS0686/W/08/09	Water Reticulation	1376			100	Completed	Approved	
Bronville Ext 9: Water borne sanitation for 362 erven (MIS:185958)	MIG/FS0685/W/08/09	Sanitation Services	1376				Completed	Approved	
Kutlwanong: Phase 5 Bucket eradication on 2000 stands with toilet structures (MIS:184641)	MIG/FS0069/S/05/06	Sanitation Services	7600				Completed	Approved	
Kutlwanong: Rudimentary Sewerage for 450 stands	MIG/FS0036/S/04/06	Sanitation Services	1710				Completed	Approved	
Kutlwanong: Sewer network and 618 toilet structures in Geneva Phase 2	MIG/FS0255/S/06/07	Sanitation Services	2348				Completed	Approved	
Kutlwanong: Toilet structures Geneva phase 1	MIG/FS0065/S/05/07	Sanitation Services	3230				Completed	Approved	
Odendaalsrus: Upgrading of wastewater treatment works (non-working plant)	MIG/FS0034/S/05/06	Sanitation Services	13300				Completed	Approved	
Odendaalsrus: Upgrading of wastewater treatment works (sewage works)	MIG/FS0051/S/04/05	Sanitation Services	11780				Completed	Approved	
Thabong X12&13: Water reticulation (MIS:159831)	W/FS/7132/07/08	Water Reticulation	4940			100	Completed	Approved	

Topic 13: Needs Development Plan

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LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefitting From Project	Percentage of Water Used For			Feas
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development	Status
Virginia: Upgrading of pumpstations Phase 1 (Main & Grysbok)	MIG/FS0248/S/06/08	Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Works Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment					In process Completed Not yet started Funded
Virginia: Upgrading of pumpstations Phase 1 (Main & Grysbok)	MIG/FS0248/S/06/08	Sanitation Services	98048				Completed	Approved	
Welkom (Thabong) TX15: Hani Park rudimentary sewerage (359)	C/FS0242/S/02/04 (MIPFS)	Sanitation Services	6460				Completed	Approved	
Matjhabeng: Thabong Extensions 12 and 13: Water network and connections for 1300 households (MIS:159831)	MIG/FS0395/W/08/08	Water Reticulation	4940			100	Completed	Approved	
Matjhabeng: Eradicate bucket system phase 1 (454)	C/FS0360/S/04/05 (MIPFS)	Sanitation Services	11400				Completed	Approved	
Matjhabeng: Eradication of 1500 sewer buckets -outflow lines	MIG/FS00019/S/04/05	Sanitation Services	5700				Completed	Approved	
Matjhabeng: Installation of water meters (452) (MIS:184666)	MIG/FS0516/W/04/05)	Water Reticulation	19000			100	Completed	Approved	
Matjhabeng: Rudimentary sanitation for 2000 new erven (455)	C/FS0359/S/04/05 (MIPFS)	Sanitation Services	7600				Completed	Approved	
Theronia: Waste water treatment plant, sewer rising main 450 dia m, pumpstation (MIS: 191358)	MIG/FS0779/S/10/10	Sanitation Services	82650				Completed	Approved	
Kulwanong Stadion Area	Temp_Actpl_00007	Water Reticulation	98948			100	In process	In Process	
Phomolong: water connections and stand pipes (100)	Temp_Actpl_00008	Water Reticulation	380			100	In process	In Process	

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LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefitting From Project	Percentage of Water Used For			Feas
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development	Status
		Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Works Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment					In process Completed Not yet started Funded
Hydrological investigation of the underground water problem in Kutlwanong	Temp_Actpl_00009	Water Internal Bulk	98948				In process	In Process	
Meloding: Bucket eradication phase 2 for 1257 stands	MIG/FS0257/S/06/07	Sanitation Services	4777				Completed	Approved	
Hennenman (Phomolong): Sewer reticulation and toilet structures for 328 sites	MIG/FS0258/S/06/07	Sanitation Services	1246				Completed	Approved	

* BASELINE INFORMATION: COMPULSARY FIELDS

LIST OF PROJECTS

LIST OF PROJECTS

Descriptibility		Cost		Project Status	Project Priority								
Project Name	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWN1011	MIG1011	RBI1011	DR1011	ACTP1011	MI1011	TOT1011	TOT1112	TOT1314
	Approved In Process Referred Rejected												
Virginia: Upgrading of pumpstations Phase 1 (Main & Grysbok)	2622000	Design											
Welkom (Thabong) TX15: Hani Park rudimentary sewerage (359)	1900000	Design											
Matjhabeng: Thabong Extensions 12 and 13: Water network and connections for 1300 households (MIS:159831)	6456646	Completed								6456646			
Matjhabeng: Eradicate bucket system phase 1 (454)	5130000	Awaiting Funding											
Matjhabeng: Eradication of 1500 sewer buckets -outflow lines	8750000	Design											
Matjhabeng: Installation of water meters (452) (MIS:184666)	2681159	Completed											
Matjhabeng: Rudimentary sanitation for 2000 new erven (455)	3420000	Awaiting Funding											
Theronia: Waste water treatment plant, sewer rising main 450 dia m, pumpstation (MIS: 191358)	1254000	Awaiting Funding											
Kulwanong Stadion Area	1600000	Awaiting Funding		1600000					1600000				
Phomolong: water connections and stand pipes (100)	350000	Awaiting Funding		350000					350000				

LIST OF PROJECTS

LIST OF PROJECTS

Descriptibility		Cost		Project Status	Project Priority								
Project Name	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWNI011	MIGI011	RBIGI011	DRI011	ACTP1011	MII011	TOTI011	TOTI112	TOTI314
	Approved In Process Referred Rejected												
Hydrological investigation of the underground water problem in Kutlwanong	700000	Awaiting Funding											
Meloding: Bucket eradication phase 2 for 1257 stands	14832600	Completed		287636					287636				
Hennenman (Phomolong): Sewer reticulation and toilet structures for 328 sites	3678400	Completed		90632					90632				

Topic 13: Needs Development Plan

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LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefitting From Project	Percentage of Water Used For		
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development
		Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Water Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment				
Hennenman (Phomolong): Bucket eradication phase 7 - 518 stands	MIG/FS0259/S/06/07	Sanitation Services	1968				Completed	Approved
Hennenman (Phomolong): Eradication of 1550 buckets Phase 8	MIG/FS0342/S/06/09	Sanitation Services	5890				Completed	Approved
Meloding: Toilet structures and sewer network for 1317 stands (Phase 5)	MIG/FS0567/S/06/07	Sanitation Services	5005				Completed	Approved
Kutlwanong: Geneva phase 4: sewer network and 791 toilet structures	MIG/FS0472/S/06/07	Sanitation Services	3006				Completed	Approved
Meloding (Phase3): Sewer reticulation network and 1016 toilet structures	MIG/FS0473/S/07/07	Sanitation Services	3861				Completed	Approved
Kutlwanong: Rehabilitation of 2292 old toilet structures	MIG/FS0474/S/07/09	Sanitation Services	8710				Completed	Approved
Virginia sludge management	Temp_Actpl_00025b	Sanitation Services	17374				In process	In Process
Hennenman Civil works & aeration (Phase 1 =Investigation)	Temp_Actpl_00024	Sanitation Services	4096				In process	In Process

Topic 13: Needs Development Plan

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Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefitting From Project	Percentage of Water Used For		
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development
		Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Water Meters Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment				
Phomolong Civil Upgrade (Basil Read and Phom Main)	Temp_Actpl_00025a	Sanitation Services	20991				In process	In Process
Riebeeckstad and Bronville outfall sewer	Temp_MTASint_00021	Sanitation Services	25674				In Process	In Process
Matjhabeng: Installation of water meters (452)	MIPFS208/98	Water Reticulation	1718			100	Completed	Approved
THABONG T12 PHASE 4	Temp_Actpl_00026	Water Treatment Works	183190			100	In process	In Process
Sewer connections houses to main lines (Latitude)	Temp_Actpl_00049	Sanitation Services	604401				Completed	Approved
Klippan/Witpan Reduction of water levels	MIG/FS0702/W/05/09	Water Reticulation	2470			100	Completed	Approved
Witpan upgrade	MIG/FS00492/S/09/10	Sanitation Services	2470				Completed	Approved
Whites: septic tank system	Temp_Actpl_00050	Sanitation Services	2470				In process	In Process
Replace worn-out waterlines (Asbestos and steel) 8km 1st year, 24 km per year thereafter to reduce waterloss	Temp_Actpl_00051	Water Reticulation	604401			100	In process	In Process
Replace water meters in Phases to reduce waterloss	Temp_Actpl_00052	Water Reticulation	604401			100	In process	In Process

Topic 13: Needs Development Plan

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LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefiting From Project	Percentage of Water Used For		
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development
		Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Water Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment				
Replace defective Valves and Hydrants to reduce waterloss and improve service delivery	Temp_Actpl_00053	Water Reticulation	604401			100	In process	In Process
Pamodzi employees access to water in Odendaalsrus	Temp_Actpl_00054	Water Reticulation	760			100	In process	In Process
Water balance of pans masterplan	Temp_Actpl_00055	Water Internal Bulk	604401			100	In process	In Process
Thabong: Waterborne sewer network for 5324 stands, Phase 1 (MIS: 1619)	MIG/FS0038/S/05/09	Sanitation Services	20231				Completed	Approved
Stateway: Upgrading of outfall sewer (MIS:159970)	MIG/FS0716/S/07/09	Sanitation Services	43700				Completed	Approved
Thabong T16: Construction of internal water network and waterborne sanitation 417 erven	MIG/FS0459/S/07/07	Water Reticulation	1585			100	Completed	Approved

* BASELINE INFORMATION: COMPULSARY FIELDS



LIST OF PROJECTS

Feasibility		Cost		Project Status	Project Priority								
Status	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWN1011	MIG1011	RBI61011	DR1011	ACIP1011	MI1011	TOT1011	TOT1112	TOT1314
In process	Approved												
Completed	In Process												
Not yet started	Referred												
Funded	Rejected												
	6112400	Construction		27646					27646				
	22352550	Completed							562863	22352550			
	15476685	Construction		55424					55424	15476685			
	8542800	Completed		153574					153574				
	9294000	Completed		216258					216258				
	17313678	Completed		636705					636705	17313678			
	4000000	Awaiting Fun											
	5200000	Awaiting Fun								2565930			

LIST OF PROJECTS

Feasibility		Cost		Project Status	Project Priority									
Status	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWN1011	MIG1011	RBI61011	DR1011	ACIP1011	MI1011	TOT1011	TOT1112	TOT1314	
In process	Approved													
Completed	In Process													
Not yet started	Referred													
Funded	Rejected													
		2000000	Awaiting Fun											
			Conceptual											
		2280000	Construction											
				429036										
		320000	Awaiting Fun											
				320000										
		6000000	Design											
									3000000	3000000				
		8000000	Construction											
				666952					666952	8000000				
		65000000	Construction											
				15500000					15500000	5319208				
		6000000	Awaiting Fun											
										5000000				
		12,400,000.0	Awaiting Fun											
				4 000 000.00					4 000 000.0	5300000				
		12000000	Awaiting Fun											
									2700000	3902896				

LIST OF PROJECTS

Feasibility		Cost		Project Status	Project Priority								
Status	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWN1011	MIG1011	RBI61011	DR1011	ACIP1011	MI1011	TOT1011	TOT1112	TOT1314
In process	Approved												
Completed	In Process												
Not yet started	Referred												
Funded	Rejected												
	12000000	Awaiting Fun		2000000					2000000	2000000			
	4000000	Awaiting Fun											
	2500000	Awaiting Fun											
	32885423	Construction		2 036 119.00					2 036 119.0	32885423			
	12000000	Construction		3600237						12000000			
	3161377	Design		1724439					1724439				



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LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type		Percentage of Water Used For		
Project Name	Project Number	Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Works Other	Water Infrastructure New Water Infrastructure Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Water Resource Local Source Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Sanitation Infrastructure Sanitation Infrastructure Water O&M Management: Sanitation O&M Management:	Number of People Benefitting From Project	Basic Supply	Higher Supply	Growth & Development
Mmamahabane/Ventersburg: Upgrading of Waste Water Treatment Works, Feasibility Study & Concept (MIS:159961)	MIG/FS0489/S/08/08	Sanitation Services	10879				Completed	Approved
Odendaalsrus, Kutlwanong, Welkom: Relining of worn-out sewer lines (160001)	MIG/FS0619/S/07/08	Sanitation Services	52258				Completed	Approved
Phomolong/Hennenman: Outfall sewer - Installation of new pipeline (MIS:166130)	MIG/FS0697/S/08/08	Sanitation Services	19840				Completed	Approved

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type		Percentage of Water Used For		
Matjhabeng: Witpan sewage treatment plant diversion and restoration works phase 1 & 2 (MIS:165330)	MIG/FS0492/S/09/10	Sanitation Services	64638				Completed	Approved
Bronville: Construction of water lines (MIS:166630)	MIG/FS0717/W/08/08	Water Reticulation	8645			100	Completed	Approved
Allanridge (Nyakalong): Upgrading of main sewage pumping stations and new outfall sewers (MIS:165350)	MIG/FS0491/S/08/10	Sanitation Services	14820				Completed	Approved
Meloding: Outfall sewer	MIG/FS0615/S/07/09	Sanitation Services	61526				Completed	Approved
Meloding: Calabria and Stilte 540 sites without sewer system	Temp_Actpl_00010	Sanitation Services	2052				In process	In Process
Welkom (Thabong) T16: Construction waterborne sanitation for 1300 stands	Temp_Actpl_00011	Sanitation Services	4940				In process	In Process
THABONG X12 & 13: Water and Sewerage	Temp_Actpl_00012	Sanitation Services	183190				Completed	Approved

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type		Percentage of Water Used For		
THABONG T12 PHASE 4 Sewer Network (Jerusalem park)	Temp_Actpl_00013	Sanitation Services	183190				In process	In Process
Kutlwanong Upgrade K5 & K6	Temp_Actpl_00014	Sanitation Services	98948				In process	In Process
Sewer Rising Main 450 dia: Major Pumpstation to Theronia WWTP	Temp_Actpl_00015	Sanitation Services	246529				In process	In Process
Nyakallong: Outfall sewer Phase 2: from pumpstation to WWTP	Temp_Actpl_00016	Sanitation Services	18844				In process	In Process
Virginia: Relining of worn-out sewer lines	MIG/FS0333/s/06/07	Sanitation Services	76935				Completed	Approved
Odendaalsrus outfall sewer	Temp_Actpl_00017	Sanitation Services	112807				In process	In Process
Mmamahabane sewer network (53 stands)	Temp_Actpl_00018	Sanitation Services	201				In process	In Process
Thabong and Bronville outfall sewer upgrading	Temp_Actpl_00019	Sanitation Services	197687				In process	In Process
Matjhabeng: Purified effluent sewer network upgrading and overflow release pipeline	MIG/FS0039/S/05/06	Sanitation Services	488121				Completed	Approved
Nyakallong upgrade	Temp_Actpl_00020	Sanitation Services	18844				In process	In Process

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type		Percentage of Water Used For	
Thabong Extension	Temp_Actpl_00022	Sanitation Services	19198			Not yet started	Referred
Mmamahabane new works	Temp_Actpl_00023	Sanitation Services	9899			In process	In Process
Odendaalsrus: Upgrading of wastewater treatment works (MIS:184628)	MIG/FS0035/S/04/07	Sanitation Services	11780			Completed	Approved
Kutlwanong: Upgrading of sewerage works phase 2	MIG/FS0037/S/06/07	Sanitation Services	47641			Completed	Approved

* BASELINE INFORMATION: COMPULSARY FIELDS



LIST OF PROJECTS

Feasibility		Cost		Project Status	Project Priority								
Status	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWN1011	MIG1011	RBIG1011	DR1011	ACIP1011	MI1011	TOT1011	TOT1112	TOT1314
In process Completed Not yet started Funded	Approved In Process Referred Rejected												
		832,000.00	Awaiting Funding	832 000.00					832 000.00				
		14893422	Construction	3 336 379.00					3 336 379.00	14893422			
		3200000	Construction							2177044			

Feasibility		Cost		Project Status	Project Priority									
	45797220	Construction									45797220			
	4218000	Construction		552177					552177	4218000				
	19762348	Construction		3596118					3596118	19762348				
	7814319	Completed		176591										
	2400000	Awaiting Funding		1400000					1400000	1000000				
	6871073	Awaiting Funding								3291643				
	4278420	Construction		241220					241220					

Feasibility		Cost	Project Status	Project Priority												
	60000000	Feasibility														
	6000000	Awaiting Funding										6000000				
	11939101	Construction	972219							972219	11939101					
	30210000	Construction										30210000				



SALGA

Topic 13: Needs Development Plan

LIST OF PROJECTS

Description		Program type	Water/Sanitation Component	Water/Sanitation Project Type	Number of People Benefitting From Project	Percentage of Water Used For		
Project Name	Project Number					Basic Supply	Higher Supply	Growth & Development
		Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Sanitation Services Housing	Water Pipeline Water Pumpstation Water Reservoir Water Groundwater Water Reticulation Water Treatment Works Sanitation Basic Sanitation Low Flush Sanitation Water Borne Waste Water Treatment Other	Water Infrastructure New Water Infrastructure Extension Water Infrastructure Upgrade Water Infrastructure Replace Water Resource Demand Management Water Resource Local Source Development Sanitation Infrastructure New Sanitation Replacement Buckets Sanitation Infrastructure Extension Sanitation Infrastructure Upgrade Sanitation Infrastructure Replace Water O&M Management: Refurbishment Sanitation O&M Management: Refurbishment				
Virginia (Main and Grysbok): Upgrading of the sewer pumpstation	MIG/FS0566/S/07/07	Sanitation Services	76934				In Process	In Process
Purified sewerage disposal (R 2.147 M in 2005/06)	fs_temp0910_0266	Sanitation Services	94995				In Process	In Process
Witpan: Refurbishment of the sewage treatment plant - Phase 2	MIG/FS0861/S/11/11	Sanitation Services					Completed	Approved

* BASELINE INFORMATION: COMPULSARY FIELDS



LIST OF PROJECTS

Feasibility		Cost		Project Status	Project Priority								
Status	Approval Status	Feasibility	Implementation	Conceptual Awaiting Funding Design Tender Construction Completed Reconnaissance Feasibility	OWN1011	MIG1011	RBIG1011	DR1011	ACIP1011	MI1011	TOT1011	TOT1112	TOT1314
In process Completed Not yet started Funded	Approved In Process Referred Rejected												
		Conceptual											
		Conceptual											
	48172551	Design								48172551			



Topic 14: Reporting

WSA Name

MATJHABENG LOCAL MUNICIPALITY

Reporting and assessment documents status

Documents	Previous Reference date	Included in current WSDP version module 4	Current WSDP version module 4 submission date
1 IDP checklist framework version 2.4:	Completed & Submitted	NA	NA
2 DWA Regulatory Performance Management System (RPMS)	Completed & Submitted	NA	NA
3 WSA Checklist April2005	Not existing	NA	NA
4 Blue Drop 2010 Assessment	Completed & Submitted	NA	NA
5 Green Drop 2010 Assessment	Completed	NA	NA
6 Water Conservation & Demand Management	Needs review	NA	NA
	Options In process Not existing Completed Completed & Submitted Needs review Completed	Options Not included Included (not complete) Included (complete)	

General Comments

A lot of effort was done to comply to all the above regulatory requirements. It must however be noted that with the minimal positions filled the availability of information is not so readily available as should be. More attention should be given to capturing of detail information as required in the above sector plans.