WATER SERVICES DEVELOPMENT PLAN

Joe Gqabi District Municipality

Module 1: Overview and Assessment of the Status of Information and Strategies on a WSA Level

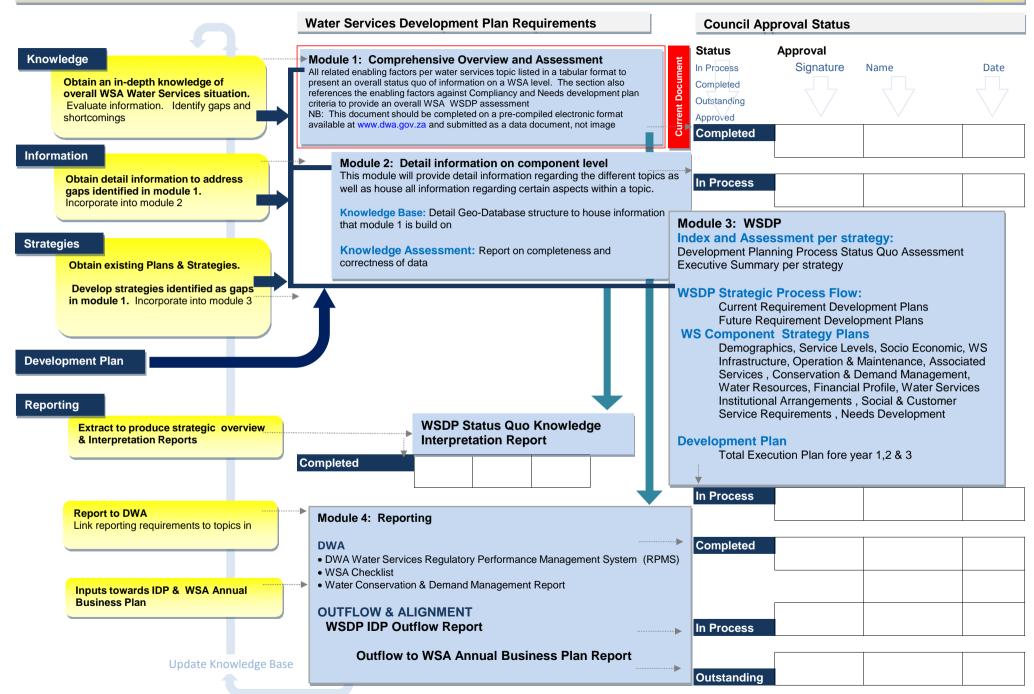


Document Date: APRIL 2015



DWA'S GUIDE FRAMEWORK & CHECKLIST FOR THE DEVELOPMENT OF WATER SERVICES DEVELOPMENT PLANS

WATER SERVICES DEVELOPMENT PLANNING CYCLE



Ш

THE WATER SERVICES BUSINESS

Joe Gqabi District municipality

WSDP 2015

DRIVERS

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





INDEX

WSDP TOPICS

	Page Nr. 2	
1. Administration	2	-
2. Demographics	4	2
3. Service Levels	5	m
4. Socio Economic Background	9	4

5. Water Service Infrastructures 10 ы 9 6. Operation&Maintenance 13 7. Associated Services 17 9. Water Resources 24 6 8. Conservation & Demand 19 ∞ Management 10 10. Financial 28 11. Water Services 35 11 Institutional Arrangements 12 12. Social & Customer 37 Service Requirements 13. Needs Development Plan 39 (Program List)

14. Reporting

14

40

Ш

Joe Gqabi District Municipality

WSDP 2015

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

Vision & Mission Statement:

All people to have access to basic water supply and functioning basic sanitation.







SALGA



NACES.
TWO IS

What are their needs regarding water?

Demographics	Total
Number of People	352 997
Total Number of Settlements	385
Total Number People Urban	128 717
Total Number People Rural	224 280
Total Number of Settlements Urban	25
Total Number of Settlements Rural	360







Water Category	Water Need Description	Settlements	Population	Households
10	No Service		0	0
7	Infrastructure Upgrade		0	0
7	Infrastructure Extension		0	0
7	Infrastructure Refurbishment		0	0
6	O&M Need (Total Settlement)		0	0
5	Water Resource Needs		0	0
8	Infrastructure O&M Need		0	0
9	Infrastructure & O&M Need & Water Resource Needs		0	0
Adequate:	Stand Pipe		112 354	31 410
Adequate:	Yard Connection		87 129	24 358
Adequate:	House Connection		61 954	17 320
Informal Below	No Service		91 532	25 589
Informal Adequate	Temporary Services Provided	0	0	
TOTALS			352969	98677

Joe Gqabi District municipality

WSDP 2015

What are their needs regarding sanitation?



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



Water sources	Number of sources	Current abstraction (MI/Day)	Licensed abstraction (MI/Day)	
Groundwater	215	8.574	0	
Surface Water	19	60.314	0	
External Sources (Bulk purchase)	5	20.261	0	
Water returned to resources	0	0	0	
How much water is re-used (Recycled Water)	0	0	0	









WSDP 2015



4. Water & Sanitation Infrastructure?

& Maintenance:

perform the function?

working due to O&M?

5.3. What is the problem?

- 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

5. How sufficient is our Operation

5.1. Do we have enough people to

5.2. What is the % infrastructure not



- Total Number pump stations 53 Total Number of Water Treatment Works 13 Total Number of Waste Water Treatment Works The general condition of WWTW Total Estimated cost to Upgrade R -
 - Estimated cost to Refurbish

Topic 5: Water Infrastructure

Total Number of Schemes Total bulk pipeline km.

Total Number reservoirs

- Existing Budget
- **Topic 6: Operation & Maintenance** Total Total Number of O&M staff Total Number of O&M staff sufficient? Yes/No No Total Number of O&M staff required Statement on population and effluent release
- **Define the Problem**

Statement on Polution and Effluent Release



SALGA

9

Total

0

369

22

R

R

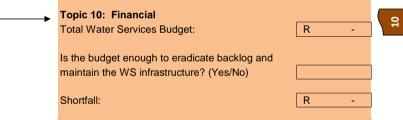
Joe Gqabi District municipality



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 8: Conservation & Demand Management	Y / N	∞
Does the municipality have a Water Conservation Demand Management Plan(WCDM)?	Y	
Does the municipality have a strategy to meet 2014 targets?	Yes	
Is there an internal budget?	No	
Does the minicipality apply through IDP funds for WCDM?	Yes	













Joe Gqabi District municipality

```
WSDP 2015
```



PROJECT NAME	Total Funds on Budget for Project	PROJECT NAME	Total Funds on Budget for Project
Ugie Bulk Water Infrastructure Phase 2	TBA		
Ugie Sanitation Infrastructure	R 49 104 611.00		
Mt Fletcher Villages - Bulk Water Supply Scheme	R 152 000 000.00		
Sterkspruit: Upgrading of WTW and Bulk Lines	R 110 000 000.00		
Senqu Rural Sanitation Programme	R 102 761 477.00		
Senqu Rural Water Programme	R 85 000 000.00		
Elundini Rural Sanitation Programme	R 182 117 245.00		
Elundini Rural Water Programme	R 143 813 803.00		
Steynsburg Waterborne Sanitation PHASE 3	R 24 108 039.00		
Jamestown sanitation Phase 2	R 38 550 081.00		
Maclear Upgrading of Bulk Water Services	R 95 995 638.00		
Maclear Upgrading of Bulk Sanitation	R 49 006 769.00		
Ukhahlamba Planning Studies	R 2 500 000.00		
District WCDM Project	R 3 500 000.00		
Sterkspruit Regional Bulk Sanitation	R 3 000 000.00		
Sterkspruit WTW Refurbishment	R 21 604 000.00		
Elundini rural sanitation	R 4 500 000.00		



Joe Gqabi District municipality

Comments

Total Funds on Total Funds on PROJECT NAME Budget for PROJECT NAME Budget for Project Project



Joe Gqabi District municipality WSDP 2015

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

Urban versus Rural Backlogs

Water backlogs may be eradicated by means of the development of borehole standalone schemes and sanitation backlogs by means of implementing VIP's, especially in the areas of Elundini & Senqu LM's. The key issues identified include institutional requirements, financial requirements as well as sustainability matters.

Reliance on Water Resources available and Bulk Infrastructure

The demand and levels of services provided have increased for a greater propotion of the population. This has led to bulk water infrastructure operating at over capacity. The DWA is currently in the process of establishing catchment management agencies to take responsibility for water resource management in the various water management areas.

Links between Water Supply & Sanitation

It is JQDM's goal to provide all rural households with a basic level of service.

Limited Implementation & Operating Capacity in Some Municipalities

The District operates and maintains all water and sanitation bulk services except for Sterkspruit, Ugie, Steynsburg and Mt Fletcher WTWs which are operated by service providers.

Х

Joe Gqabi District municipality

WSDP 2015

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

Available Funding

JQDM considers any household with total earnings of less than R1600 per month to be poor. Approximately 86% of households within the WSA fall below this level. Limited to no billing is taking place and therefore the JQDM relies heavily on equitable share.

Affordability of Service Levels (O&M Costs)

Operation and maintenance is funded by revenue generated by local municipalities from user charges for services to communities as well as from the equitable share allocations. However, due to low collection levels by local municipalities, the District deals with shortfalls through grant funding. Tariffs have been below the cost of producing and delivering water and sanitation across the District and there was a process during the preparation of the budget to reassess the existing tariffs to ensure that the service is sustainable.

Growing Backlog in Refurbishment of Existing Infrastructure

In terms of the areas without acces to basic services standards for both sanitation and water, the rural areas in Elundini, particularly in Mt Fletcher and Maclear lack services. In the Senqu area, rural villages around Sterkspruit do lack services. The reasons for such backlog relate to historical situation of lack of investment in these areas as well as inadequate MIG funding to address all backlog. The District submitted an application for funding to the Netherlands government through the ORIO infrastructure funding.

Major Economic Development

The District is one of the major wool producing areas in the country. There are currently initiatives geared towards establishing a wool washing facility in the Elundini municipal area. This sector along with tourism, offers good opportunities for investment and development that could in turn boost the economy of the area. The contribution of the forestry sector to the province's economy has yet to be fully established. Without detailed analysis of the income statements and costing reports of companies and government Departments, the impact can be partially estimated with regard to revenues generated, and salaries and wages.

Associated Population Growth & Water Demand

JGDM is one of the areas of South Africa that has provided substantial migrant labour to the mines, farms and commercial centers of the country. This pattern of migration has resulted in considerable cyclical population movements between the district and the major metropolitan centers. The levels of out-migration from Joe Gqabi are higher than the provincial average. At least 18% of District households against 15.2% of provincial households reports of at least one migrant household member.

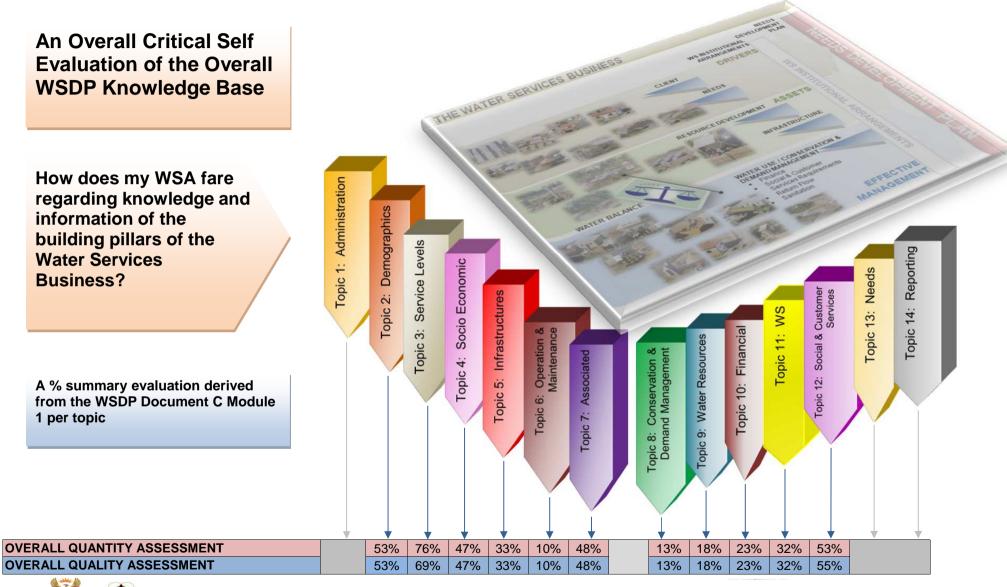
WSDP Module 1: Comprehensive Overview Assessment

Joe Gqabi District municipality

WSDP 2015

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?**



XII



1 per topic

Module 1: Concept Explanation and Description page Implementation Strategy Future plan & Strategies List of Enabling Factors **Compliancy Elements** Topic Description Topic 11: Water Serv ces Institutional Arrangements Profile **Enabling Factors** Compliance **Needs Development Plan** Resources to perform the function Future plan (to adress issues) Strategy Resources available to perform function? Time Frame Adequate for Higher Level Services (Yes: Y. No: N. Not Applicable: NA): Short (1) Sufficient for Tools & Equipment Adequate for Basic Services Council approved ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT Growth & Development In place? Sufficient Personnel Gazetted In place? Higher Level In place? Budget Short (1) RDP Medium (3) Quality: Information Accuracy Assessment Long (5) None 3 5 N 1 Y/N Y/N/NA Y/N/NA as as **INDEX:** List of Topics Is there a Future **Quality Assessment** Plan in Place? 1. Administration Assessment of Current Status (Physical document measured against compliancy Demographic that addresses issues 2. requirements & shortcomings) 3. Service Levels None 0% Limited 20% Socio Economic Background 4. Partial 40% 5. Infrastructure Is there an Good 60% Each Topic has Implementation **Operation & Maintenance** 6. Excellent 80% Strategy in Place? its own enabling Associated Services (Must be a 7. factors that will implementation plan **Conservation & Demand Management** 8. make the Topic of action that reflects in the budget with a work 9. Water Resources time line) **Quantity Assessment** 10. Financial An indication of the representation of total area to address the issue **11. Water Services Institutional Arrangements General Assesment** None: 0% 12. Social & Customer Service Requirements on Scale 1-5 Limited 20% None 0% Partially: 40% 13. Needs Development Plan Limited 20% Good coverage: 60% Partial 40% 14. Reporting Good 60% Available for whole area: 80% Excellent 80%



Topic 1: Administration Joe Gqabi District municipality Status Tracking of WSDP YEAR 3 YEAR 4 YEAR 1 YEAR 2 YEAR 5 YEAR 6 Modules: Modules: Modules: Modules: Modules: Modules: Status Date Submitted Date Submitted Date Submitted Date Submitted Date Submitted Date Submitted All/1/2/3 or 4 Interim Draft Adopted Annual Review Public Viewed Role Players Contact Details Interaction Interaction POSITION PERSON TEL FAX CELL EMAIL Acknowledgement Acknowledgement Signature Yes / No **》** mm@jgdm.gov.za Municipal Manager Mr Z Williams 045 979 3006 045 971 0251 Executive Mayor Water services Councillor WSDP Contact IDP Manager PIMSS Senior Planner Technical Services Mr R Fortuin 045 979 3109 045 971 0432 robert@jgdm.gov.za Treasurer WSDP Data Custodian WSDP Custodian Data official Acting Mayor Acting Municipal Manager PMU Manager Chief Financial Officer Mr J Jackson Acting Chief Financial Officer Mayor Housing Environmental Infrastructure

SALGA

* BASELINE INFORMATION: COMPULSORY FIELDS

WSDP 2015

Joe Gqa	abi District munici	ipality						WSDP 2015	
Topic 1: Administration	n								
Professional Service Pr	rovidor (DCD)								
Professional Service Pr	Company				Element Consulting	Engineers			
	Name of PSP WS	SDP Project Ma	anager		Dennis Smith	Ligineers			
	Tel:		Cell:		Fax:		E-mail:		
	Inputs								
	Components	Chapter		Name	Designation	Role	Contact address	s, and number	
	Name of PSP WS	SDB Informatio	n Sustama	Operator					
	Tel:		Cell:	Operator	Fax:		E-mail:		
	161.		Cell.		I dx.				
* Sector Integration									
Did this plan consult with	other Sector Plans	s and incorpor	ated their	needs					
	* Sec		* Inter-		it calculated? (Refer to I	Page 1: General	Assessment on S	Scale 1-5)	
			action			age 1. General	Assessment on c		
	Agri-Culture		YES	4					
	Mining		NA	4					
	Tourism		YES	4					
	Other 1:								
	Other 2: Other 3:								
	Other 4:								
	Other 4:								
Comments									
								* BASELINE INFORMATION: COMPULSORY FIELDS	3

* 2.3 Averag		HICS		nent	nt	Торіс	c 2: De	mograp		
^{* 2.2} Total n * 2.3 Averag	Population	HICS		nent	ut				÷	
^{* 2.2} Total n * 2.3 Averag				Assessment	Assessment				Assessment	Assessment
* 2.3 Averag		352997]			Public Amenities Consum	er Typ	es		
	number of households	98 685								
	ge household size	3.577		_						
	ion Accuracy Assessment						lities	a)		
4 Settlement Typ	ment of Information Completeness	Number of settlements Population per settlements type				2.5 Social Services type	No. of facilities	Area (Ha)		
arming Farming	g	0	17 942	0%	0%	Police Stations	22		80	80
Metropo	olitan Area	0	0	80	80	Magisterial Offices	10		80	80
Urban -	- Formal Town	25	128 717	80	80	Schools	358		90	90
Urban -	- Former Township	0	0	80	80	Health Facilities	62		80	8
Urban Urban	- Informal Settlements (Squatter Camp)	0	0	80	80	Prisons	4		80	8
Working	g Towns & Service Centres - Mines, Prisons etc.	0	0	80	80	Industries	2		80	8
Urban		25	128717	80%	80%	Mining	0		80	8
Rural -	Dense Village > 5000	0	0	80	80	Resorts and tourism			0	0
Rural -	Small Village <= 5000	126	142 910	80	80	Agriculture dry land		1725.2	40	4
Rural S	Scattered	234	63 428	80	80	Agriculture irrigation		133.8	40	4
Rural Rural S	Scattered Dense	0	0	80	80	Agr. Intensive livestock/grazing	_	2308.4	40	4
Rural S	Scattered Low Density	0	0	80	80	Agr. Extensive livestock/grazing				
Rural S	Scattered Very Low Density	0	0	80	80	Conservation areas				
	- Informal Settlements (Squatter Camp)	0	0	80	80			TOTAL	53%	53
Rural		360	206338	80%	80%					

	qabi District municipality 3: Service Levels Profile									WSDP 2015												
pic 3: Service Levels Profi	le	Enabling Factors									Needs	Devel	onmei	nt Pla	n		\rightarrow					
									Future plan (to address issues)							St	trateg					
										Time Fran	ne	Su	fficient	for								
	3.1 SETTL	3.1 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS								Short (1) Medium (3 Long (5) None	3)	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient					
ality: Information Accuracy antity: Assessment of Inform									1	3 5	Ν	*	*	*								
DEFINITION	CLASSIFICATION	DESCRIPTION	CATEGORY	SETTLEMENTS	POPULATION	HOUSEHOLDS	%	%		Y/	/ N / NA				%	Y/	N					
RMAL	No Service	Whole community never had any formal (municipal) water supply system.	10	→ 0	0	0	60	80							80	NA	NA					
	Infrastructure 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																				
	Infrastructure Extension	Communities have grown structurally and there are households that do not have water : 1.Network: new infra 2.Storage: new & adjacent	8	*	90 194	25 215	60	80	Y	3					80	NA	NA					
	Infrastructure Refurbishment	Water can be restored to RDP by: Repair/Replace with same existing infra	9																			
- BELOW	O&M Need (Total Settlement)	(Total Settlement) 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)	6	>	0	0	60	80	NA						80	NA	NA					
	Water Resource Needs	Includes Source Development Local Available Source: New BH, pipe Conserving & Demand Management Needs Water Source Quality Drinking Water Quality	5	>	0	0	60	80	NA						80	NA	NA					
	Infrastructure & O&M Need		8	>	0	0	60	80	NA						80	NA	NA					
	Infrastructure & O&M Need & Water Resource Needs		9	>	0	0	60	80	NA						80	NA	NA					
		TOTAL F	ORMAL NEE	D 0	90194	25215	60%	80%							80%							
	StandPipe	Adequate Infra	1(C)/3		84 825	23 714	80					Y			80	Y	Y					
- ADEQUATE	Yard Connection House Connection	Adequate Infra Adequate Infra	1(B)/3 1(A)/3		0 37 201	0 10 400	80 80	80 80		+	_		Y		80 80	NA Y	NA Y					
		TOTAL FORM		E 0	122026	34114	80%					I	r		80%	Т	r					
			1	EU		-				T T	-	1	1 1									
ORMAL - BELOW	No Services	Permanent Housing must be provided	4		0	0	80	80							80		NA					
- ADEQUATE	Temporary Services Provided	Permanent Housing must be provided	2		14 977	4 187	80	80					Y		80	Y	Y					
			TOTAL NEE		90194	25215	40%	40%							40%							
		TOT	AL ADEQUAT	E 0	137003	38301	40%	10%							40%							

	Joe Gqabi Distr	ict municipality											WSDP 2	2015				Service Levels Profile				
m			Enabling Factors										Nee	ds Dev	To elopm/			ce Lev	els Pro	file		
													e plan (to	address	s issues))		St	trategy			
												Time F	rame		Sufficien	it for	-					
			ENT SANITATION SERVICE LEVEL	. DEFINITIO	ONS			ASSESSMENT	ASSESSMENT	In place?		Shor Mediu Long No	m (3) g (5)	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT		
	nation Accuracy Ass essment of Information										1	3	5	N *	*	*			-			
	FINITION	CLASSIFICATION	DESCRIPTION	CATEGOR	Y SETTLEMENTS	POPULATION	HOUSEHOLDS	%	%				Y/N/N	JA			%	Y/I	N	%		
			Whole community never had any formal	10	. OLTILLIMLITO					Y				Y		1		Y				
FORMAL		No Service	(municipal) sanitation supply system.	10	→	60 426	16 893	80	80	Y		3		Y			60	Y	Y	60		
		Infrastructure Upgrade	Existing infra not on RDP std. Typically, unimproved pit or chemical toilet. 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	7	→	0	0	80	80	NA							80	NA	NA	80		
		Infrastructure Extension	Community partially served to RDP level	8	9																	
	REL OW	Infrastructure Refurbishment	Sanitation can be restored to RDP by: Repair/Replace with same existing infra		9																	
	- BELOW	O&M Need (Total Settlement)	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	80	80	NA							80	NA		80		
		Water Resource Needs	Adequate Infra but not working due to inadequate water in the system.	5	→	0	0	80	80	NA							80	NA		80		
		Infrastructure & O&M Need		8	→	0	0	80	80	NA							80	NA		80		
		Infrastructure & O&M Need & Water Resource Needs		<mark>)</mark>	→	0	0	80	80	NA							80	NA		80		
			TOTAL	FORMAL NEE	E D 0	60426	16893	80%	80%								77%		7	77%		
		Waterborne	Adequate Infra	1 (A) / 3		84 142	23 523	80	80	Y		3		Y			80	Y		80		
	- ADEQUATE	Waterborne Low Flush Septic Tanks / Conservancy	Adequate Infra Adequate Infra	1(B)/3 1(C)/3		0 10 393	0 2 906	80 80	80 80	NA Y		3		Y			80 80	NA Y		80 80		
		Non Waterborne (VIP)	Adequate Infra	1 (D)/3		173 368	48 467	80	80	Y		3			Y		80	Y		80		
			TOTAL FORM	IAL ADEQUA	TE 0	267903	74896	80%				·					80%		8	30%		
INFORMAL	- BELOW	No Services	Permanent Housing must be provided	4		5 205	1 455	80%	80%	Y		3					80%	Y	Y 8	30%		
	- ADEQUATE	Temporary Services Provided	Permanent Housing must be provided	2		0	0	80%	80%	NA	_						80%	NA	NA 8	30%		
				TOTAL NEE	E D 0	65631	18348	80%	80%								78%		7	78%		
			тот	AL ADEQUA	TE O	267903	74896	80%	80%								80%		8	30%		
SALGA														* BASELI	NE INFOR	MATION:	COMPL	LSORY F	IELDS	6		

		abi District munic	ipality														WS	DP 2	2015				
Topic 3: Servi	ice Leve	ls Profile																		lon		<u> </u>	m
			Ena	bling Factors											Need	IS D	evelo	opme	ent P	ian			
								С	omp	lianc	е		Futu	ıre p	lan (to	add	ressi	ssue	s)		S	trateg	IУ
									ā				Tir	ne F	rame		Suff	icient	for				-
		3.3 Res	idential, Pub	lic Institutions	and Industries			sic.	Leve	F	_	-		-						Ъ			
								Adequate for Basic Services	Adequate for Higher Level Services	ASSESSMENT	ASSESSMENT	In place?	M	Short ediur Long Nor	m (3) (5) ne		RDP		Growth & Development	ASSESSMENT	In place?	Sufficient	
Quality: Inform	ation Acc	curacy Assessmen	it						Ad				1	3		Ν	*	*	*				
Accommont										%	%	_	_		Y / N /	NA				%	Y	/ N	9
				No. Of	consumer units with a	ccess to:																	
Public amenities consumer types	Туре	No. Of consumer units (H-H)	None or inad	lequate Supply	Communal supply	Controlled volume	Uncontrolled																
			Water	Sanitation		supply	volume supply																
* Residential	Urban	35 984	3 316	37 707	6 795	0	28 218			80	80	Y					Y			70	Y	Y	7
Residential	Rural	62 701	21 174	60 971	23 714	0	10 400			80	80	Y					Y			70	Υ	Y	7
Police Stations	Urban	12										Ν											
	Rural	10										Ν											
Magistrate offices	Urban	13										Ν											
magiotrato orneco	Rural	0										Ν											
Businesses	Urban											Ν											-
	Rural	0										Ν											-
"Dry" Industries	Urban	0					0			80	80	Ν											_
•	Rural	0					0			80	80	Ν											_
Office Buildings	Urban											Ν											_
	Rural	0										N											
Prisons	Urban	5										N											
	Rural	0										N											H
Schools	Urban	45								80	80	Y											
	Rural	313								80	80	Y Y		_		_							
Hospitals	Urban	8								80	80	Y Y											
	Rural Urban	3 39								80 80	80	Y Y				-							
Clinics	Rural	39 11						+		80 80	80 80	Y Y		\rightarrow									
	Urban	0								00	00	N		+		-							
Health Centres	Rural	0						+				N		-+			-						
	Urban	2						1		80	80	N											Ē
"Wet" Industries	Rural	0						1		80	80	N		+									Ē
	Urban	36108	3316	37707	6795	0	#VALUE!	1		40%										6%		I	
Total	Rural	63 038	21174	60971	23714	0	#VALUE!	1		40%										6%			6
				1	-	ı – – – – – – – – – – – – – – – – – – –			OTAL	40%										6%			6

* BASELINE INFORMATION: COMPULSORY FIELDS 7

Joe Gqabi District municipality				SDP 2015	
Enabling Factors Compliance			Needs Developmen		evels Profil
Status Quo			Future plan (to adress issues)		Strategy
OVERALL TOPIC ASSESSMENT	ASSESMENT	ASSESSMENT		ASSESSMENT	ASESSMENT
Quality: Information Accuracy Assessment					
Quantity: Assessment of Information Completeness		J			
.1 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS					
ATEGORY 10 - NO SERVICES (FORMAL)	60%	80%		80%	80%
ATEGORY 7 - INFRASTRUCTURE UPGRADE, EXTENSION & REFURBISHMENT	60%	80%		80%	80%
ATEGORY 6 - O&M NEED	60%	80%		80%	80%
ATEGORY 4 - NO SERVICES (INFORMAL)	80%	80%		80%	80%
.2 SETTLEMENT SANITATION SERVICE LEVEL DEFINITIONS					
ATEGORY 10 - NO SERVICES (FORMAL)	80%	80%		60%	60%
ATEGORY 7 - INFRASTRUCTURE UPGRADE, EXTENSION & REFURBISHMENT	80%	80%		80%	80%
ATEGORY 6 - O&M NEED	80%	80%		80%	80%
ATEGORY 4 - NO SERVICES (INFORMAL)	80%	80%		80%	80%
.3 RESIDENTIAL, PUBLIC INSTITUTIONS AND INDUSTRIES	40%	40%		6%	6%
			NEEDS DEVELOPMENT PLAN		п
			Future plan	70%	
				Strateg	iy <mark>70</mark> %
COMMENTS			OVERALL QUANTITY ASSESS	MENT	76%
			OVERALL QUALITY ASSESSM	IENT	69%

Joe Gqabi District municipality								WSDP 2015		
Topic 4: Socio Economic Background										4
Socio Economics									,	
Quality of Information Assessment										
Quantity: Assessment of Information Completeness										
4.1 General				4.5 Household income						
4.1.1 Present population	352 997	80	80	Definition of poor household by the	municipality			% Population	Ī	
4.1.2 Current population growth rates	0.23	80	80						-	
4.1.3 Projected Population growth rate: 5 years	0.23	80	80	Any household with total earnings of le	ss that R1600 per r	nonth is defined a	as a poor			
4.1.4 Projected Population growth rate: 10 years	0.23	80	80	household				61%		
	0.20	80%								
4.2 Age and gender Profile				§ Monthly household Income (as pe	er StatsOnline)					
4.2.1 Permanent resident population	325 997	80	80	o R1 - R400				6743	80	80
4.2.2 Aged Residents (>65yrs)	26 598	80	80					11281	80	80
4.2.3 Youth Residents (<18yrs)	161 173	80	80					26910	80	80
4.2.4 Male Residents	166 970	80	80					38920	80	80
4.2.5 Female Residents	186 027	80	80					00020	00	00
	100 021	80%								
4.3 Employment Profile		0070	0070	Water Affordability (Population not a	able to afford wate	er)		61	80	80
4.3.1 Eligible Workforce (19 – 65 yrs)	201 977	80	80						0	0
4.3.2 Permanent residents – without jobs	154 181	80		o Average % of monthly income			0%	-	0	0
4.3.3 Permanent farm workers	4 026	40		Sanitation Affordability (Population	not able to afford	sanitation)	070	61	80	80
4.3.4 Permanent Industry workers	6494	40	40						0	0
4.3.5 Professional workers	6102	40		o Average % of monthly income			0%	-	0	0
	0.02	56%	56%				0,0		40%	409
				4.6 Economics						
				Economic Sector (As per Reserve Bank Quarterly Bulletins)	% Contribution to Local GGP	Total No of Employees	No of Local Employees	No of Migrating labour		
4.4 Demographic trends and migration patterns				Agriculture, Forestry & Fishing	8%				50	50
4.4.1 Permanent resident population	325 997	80	80	Mining	0.5%					
4.4.2 Peak daily labour migration (-) out / (+) in	N/A			Manufacturing	12.3%					
4.4.3 Peak long-term labour migration (-) out / (+) in	N/A			Electricity, Gas & Water	2%					
4.4.4 Permanent population changes (-) out / (+) in	N/A			Construction	4.8%					
4.4.5 Holiday Population	N/A			Insurance	11%					
		16%	16%	Finance	35%					
				Comments	1 1				7%	79
				Comments						
				PG Bison is currently the biggest inves	tment in the area.					
				OVERALL QUALITY ASSESSMEN OVERALL QUANTITY ASSESSME					47%	17
				OVERALL QUANTITY ASSESSIVE						47%
SALGA						* BASELINE IN	FORMATION:	COMPULSORY F	IELDS	9

Joe Gqabi District municipality		WSDP 2015
и \		Topic 5: Water Services Infrastructure Profile
Enabling Factors	Compliance	Needs Development Plan
	Status Quo	Future plan (to address issues) Strategy
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	Groundwater (Boreholes) Surrace water (Abstraction Points) * WTW * Water Pumpstations Vvater Bulk pipeline Sewer Bulk pipeline Reservoirs Water Reticulation * WWTW	Time Frame Sufficient for Short (1) Medium (3) Long (5) None La
Quality: Information Accuracy Assessment		
Quantity: Assessment of Information Completeness	Y / N / NA	% % Y/N/NA % Y/N %
5.1 General Information	(No of Components)	
* 5.1.1 Is there an Asset Register Monitoring Programme Yes X No		80 80 N 60
Does the plan address:	Y Y Y Y Y N N Y N N Y	80 80
* 5.1.2 Is there a disaster management plan Yes X No		50 50 N 50 N 50 N 50
Does the plan address:	Y Y Y Y Y N N Y N N Y	50 50 Y N 50
* 5.1.3 Is there a Water Quality Plan To be obtained from Blue & Yes No X	N N N N N N	50 50 N I
Does the plan address:		0 0 N 20 N 20
* 5.1.4 Is there a plan in place to manage untreated effluent Yes No X	N N N N N	50 50
Does the plan address:		50 50
5.1.5 Total number of components / km of pipeline / units	215 19 13 33 20 369 22	60 60
5.1.6 VIP toilets TOTAL 20 761		80 80
5.1.7 Other dry sanitation toilets (below RDP) TOTAL 31 052		80 80
5.1.8 Septic tanks TOTAL 2 906		80 80
Sub Topic 5.1 Compliancy & Needs Development Plans Assessment		59% 59% 46% 46%
5.2 Operation		
5.2.1 Previous incidents including Security Problems (R: Regular, P: Periodic, S: Sporadic, N: None)		0 0 N 50 N 50
5.2.2 Is the abstraction registered with DWA?	YY	60 60 N 50 N 50
5.2.3 Is abstraction recorded?	PY	60 60 N 50 N 50
5.2.4 Safety inspection performed (R: Regular, P: Periodic, S: Sporadic, N: None)	N N N N N N N N N N N	50 50 N 50 N 50
5.2.5 Average Operating hours per day (X hrs)	24 24	60 60 N 50 N 50
Sub Topic 5.2 Compliancy & Needs Development Plans Assessment		46% 46% 50%
* 5.3 Monitoring & Sample Failure		
* 5.3.1 Monitoring & Sample Failure: To be obtained from Blue & Green Drop Reports		50 50 N 50 50
5.3.1.1 Monitoring : % of tests performed as required by general limits /special limits/ license requirements (Average % over previous 12 months)	35 35 35 NA	50 50 Y 50 50 50
5.3.1.2 Operational: % of tests performed as required by general limits /special limits/ license requirements (Average % over	86.56 86.56 86.6 NA	50 50 Y 50 50 50
previous 12 months)	97.98 97.98 98 NA	50 50 Y
5.3.1.3 Chemical (Results of tests performed. Average % sample failure over previous 12 months)	97.96 97.96 96 96.17 96.17 96.2 NA	50 50 7 50 </td
5.3.1.4 Microbiological (Results of tests performed. Average % sample failure over previous 12 months)	<u>30.17 30.17 30.2</u> NA	
5.3.1.5 Physical Compliance (Results of tests performed. Average % sample failure over previous 12 months)	80 80 80 NA	50 50 Y 50 50
* 5.3.2 Autherisation Compliance		0 0 N 50 50
5.3.3 Are there any standby pumps available?	Y Y	0 0 N 50 50
5.3.4 How many illegal connections to date? (NR)		0 0 N 50 50
5.3.5 What is the storage factor (x daily use)	74	50 50
SALGA		* BASELINE INFORMATION: COMPULSORY FIELDS 10

Joe Gqabi District municipality																	WSI	DP 20 1	5	
Topic 5: Water Services Infrastructure Profile																				S
Enabling Factors					(Comp	lianc	e							Neec	ds Deve	lopmer	it Plan		
						Status	s Quo)					I	Future	olan (t	to addres	ss issues	.)	Stra	ategy
		ts)				ы	ne	u	u					Time I	-rame	Suff	icient for			
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	Groundwater (Boreholes)	Surface water (Abstraction Points)	WTW *	Water Pumpstations	Sewer Pumpstations	Water Bulk pipeline	Sewer Bulk pipeline	Reservoirs Water Reticulation	Sewer Reticulation	* WTW	ASSESSMENT	ASSESSMENT	In place?	Long No	ım (3) g (5) ne		Higher Level Growth & Development	ASSESSMENT	In place? Sufficient	ASSESSMENT
Quality: Information Accuracy Assessment		٩				\leq	ũ	>	S					1 3	5	N *	* *			
Quantity: Assessment of Information Completeness					Y/N	/ NA					%	%			Y / N	/ NA		%	Y / N	%
5.3.6 % Effluent controled											0	0	N					30	N N	ا 30
5.3.7 Permitted effluent (MI/day)	-										0	0	Ν						N N	
5.3.8 Solid waste disposal (m³/day)	-										0	0	N						N N	
5.3.9 Sludge produced (dry tonnes per day)											0	0	N							v 30
5.3.10 % Of the time that effluent is chlorinated	-										0	0	N						N N	
Sub Topic 5.3 Compliancy & Needs Development Plans Assessment											23%	-						40%		40%
5.4 Functionality													-							
5.4.1 General physical condition (D: Dysfunctional, O: Operational, P: Prime Condition, V: Vandalised)	0	0	0	0	0			0		0	60	60	Y					40	N N	V 40
5.4.2 Number of breakages / failures per year		_	-					-		_	0	0	Y					40		40
5.4.3 Total refurbishment needs %	50	50	50	50	50	50	50	50 50	50	50	50	50	Y					40		40
5.4.4 Total refurbishment needs cost (RM)																		40		40
5.4.5 Total replacement needs %	50	50	50	50	50	50	50	50 50	50	50	20	20	Y					40		40
5.4.6 Total replacement needs to								00 00										40		40
Sub Topic 5.4 Compliancy & Needs Development Plans Assessment						<u> </u>					22%	22%						40%		40%
5.5 Institutional Status																				
5.5.1 % Whereoff the WSA Self is the Current Owner	100	100	100	100	100	100	100 1	100 100	100	100	60	60	Y					20	ΥY	/ 20
5.5.2 % Whereoff the WSA Self is Current Operator	100	100	100	100	100			100 100		100	60	60	Y					20	Y	20
Sub Topic 5.5 Compliancy & Needs Development Plans Assessment	1	1		1	1					1	60%							20%		20%
5.6 Asset Assessment Spectrum																				
5.6.1 % Expected total lifespan: Short (1-3 yrs)											0	0	Ν					20	N N	J 20
5.6.2 % Expected total lifespan: Medium (3 - 10 yrs)	50	50	50	50	50	50	50	50 50	50	50	20	20	Ν					20	N N	J 20
5.6.3 % Expected total lifespan: Long (10 - 20 yrs)	50	50	50	50	50	50	50	50 50	50	50	20	20	Ν					20	N N	J 20
* 5.6.4 Estimated replacement value (RM)											0	0	Ν					20	N N	J 20
Sub Topic 5.6 Compliancy & Needs Development Plans Assessment											10%	10%						20%		20%
5.7 Type and Capacity																				
5.7.1 Capacity (m³) (WTW & WWTW: MI/day and PumpStation: L/s)	5.367	21.85	55					62		14.618	60	60	Y		5			50	Y N	J <u>50</u>
Comments																				_
SALGA														* BAS	ELINE	INFORMAT	ION: COM	PULSOR	Y FIELD	<mark>)s</mark> 1

Joe Gqabi District municipality															WSDP 2	015	
ы													Topic 5: Wat				rofile
Enabling Factors						omplia							Ne	eds Develop	ment Pl		
				1	1	Status C	Quo							(to address is		Stra	itegy
General Notes: The Enabling Factors below must be completed for the appropriate con be assessed and the Needs Development Plan section		Groundwater (Boreholes)	Abstraction Points) * WTW	Water Pumpstations	Sewer Pumpstations	Water Bulk pipeline Sewer Bulk pipeline	Reservoirs	Water Reticulation	Sewer Reticulation	* WWTW	ASSESSMENT	ASSESSMENT	Short (1 Medium (Long (5) None	RDP Higher Level	Growth & Development ASSESSMENT	In place? Sufficient	ASSESSMENT
Quality: Information Accuracy Assessment			<u> </u>	5	S	> 0,		-						N * *	*		
Quantity: Assessment of Information Completeness					Y / N /	NA					%	%	Y /	N / NA	%	Y / N	%
5.7.2 Pipe material (Most common) Water Pipeline:	AC																
Sewer Pipeline:	AC			1				1	_					<u> </u>			
5.7.3 How much capacity is still available for development? (%)									_								
5.7.4 Design Capacity - Hydraulic Load (Ml/day)									_								_
5.7.5 Design Capacity - Organic Load (COD kg/day)											100/	100/					- 1004
Sub Topic 5.7 Compliancy & Needs Development Plans Assessment											10%	10%			139	<mark>6</mark>	13%
OVERALL TOPIC ASSESSMENT 5.1 General Information 5.2 Operation 5.3 Monitoring & Sample Failure 5.4 Functionality 5.5 Institutional Status 5.6 Asset Assessment Spectrum 5.7 Type and Capacity											59% 46% 23% 22% 60% 10% 10%	46% 23% 22% 60% 10%	OVI	EVELOPMENT F Future plan RALL QUALITY RALL QUANTIT	339 Stra ASSESSME	ategy	33% 33% 33%
SALGA													* BASELIN	E INFORMATION:	COMPULS	ORY FIELD	s 12

Compliance Nexts Development Plan Status Quo Future plan (to address issue) Strate Quality indeminant requirement No to be proper Status Quo Future plan (to address issue) Strate Quality indeminant requirement No to be planet Quality indeminan
Status Quo (s) Status Quo Future plan (to address issue) Status Quo 2 Zero Compliance Name Mappendia Mappendia Mappendia Status Quo
STATUS QUO (8) IMPACT (1) O
A zero Compliance MAPACT (I) MAPACT
Quantity: Assessment of Information Completeness s I s
Contribution and the only definition completeness a t a
PLAN? Y
6.2 WATER SERVICES INFRASTRUCTURE: OPERATIONAL& MAINTENANCE ASSESSMENT 0 0 20 Y N 6.2.11 Existing Groundwater Infrastructure : OPERATION Z C Z
6.2.1.1 Existing Groundwater Infrastructure : OPERATION Z C
6.2.1.1 Existing Groundwater Infrastructure : OPERATION Z C
: MAINTENANCE Z C Z <
6.2.1.2 Existing Surface water Infrastructure : OPERATION Z C
: MAINTENANCE Z C Z <
6.2.1.3 Existing Waste Water Treatment Works Infrastructure : OPERATION 1 C 1
6.2.1.4 Existing Water Treatment Works Infrastructure : OPERATION Z C Z <t< td=""></t<>
: MAINTENANCE Z C Z <
6.2.1.5 Existing Pump Station Infrastructure : OPERATION Z C
: MAINTENANCE Z C Z <
6.2.1.6 Existing Bulk Pipeline Infrastructure : OPERATION Z C Z Z
: MAINTENANCE Z C Z Z C <
6.2.1.7 Existing Tower & Reservoir Infrastructure : OPERATION Z C Z C Z C Z C Z C Z C 20 20 Y 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
: MAINTENANCE Z C Z C Z C Z C Z C 20 20 Y 20 20 Y 20 Y 20 Y 20 Y 20 Y 2
: MAINTENANCE Z C Z C Z C Z C Z C <u>Z</u> C <u>Z</u> <u>C</u> <u>Z</u> <u>C</u> <u>Z</u> <u>C</u> <u>Z</u> <u>C</u> <u>Z</u>
6.2.1.8 Existing Reticulation Infrastructure : OPERATION Z C Z C Z C Z C Z C Z C 20 20 Y
: MAINTENANCE Z C Z C Z C Z C Z C <u>Z</u> C <u>Z</u> C <u>Z</u> C <u>Z</u>
Sub Topic 6.2.1 Compliancy & Needs Development Plans Assessment 20% 20%

Joe Gqabi Distri	ct municipality																			DP 20		
٥ 							•															enanc
Enabling Factors								ompl								Needs						
				1		_	S	tatus	s Qu	10						Future plan (to					Str	ategy
STATUS QUO (S)IMPACT (I)Z - Zero ComplianceC - Critical1 - Below minimum requirementM - Mediumal/High2 - Minimum basic requirementL - Low3 - Above minimum requirementN/RN/RNot Required		% Manuals		S stored	- Asset Kegister	S	As-Built Info.	S	Tools & Equipment		Contingency & Safety Plan		ASSESSMENT	ASSESSMENT	In place?	Time Frame Short (1) Medium (3) Long (5) None 1 3 5 N	RDP		Growth & Growth & Development		In place?	ASSESSMENT
6.2.2 Information																		_	1 1			
6.2.2.1 Existing Groundwater Infrastructure	: OPERATION	Z	С	Z	С	Z	С	Z	: (2	Z	С	20	20						20		20
*	: MAINTENANCE	Ζ	С	Ζ	С	Z						С	20	20						20		20
6.2.2.2 Existing Surface water Infrastructure	: OPERATION	Ζ	С	Ζ	С	Z	С					С	20	20						20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ						С	20	20						20		20
6.2.2.3 Existing Water Treatment Works Infrastructure	: OPERATION	1	С	1	С	1	С	1		C	1	С	20	20						20		20
	: MAINTENANCE	1	С	1	С	1	С	1	(С	1	С	20	20						20		20
6.2.2.4 Existing Waste Water Treatment Works Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Z	. (0	Z	С	20	20						20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Z	. (2	Z	С	20	20						20		20
6.2.2.5 Existing Pump Station Infrastructure	: OPERATION	Ζ	С	Ζ	С	Z	С					С	20	20						20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ						С	20	20						20		20
6.2.2.6 Existing Bulk Pipeline Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ						С	20	20						20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С					С	20	20						20		20
6.2.2.7 Existing Tower & Reservoir Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ						С	20	20						20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ						С	20	20						20		20
6.2.2.8 Existing Reticulation Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ						С	20	20						20		20
	: MAINTENANCE	Z	С	Ζ	С	Ζ	С	Z		0	Z	С	20	20						20		20
Sub Topic 6.2.2 Compliancy & Needs Development Plans Assessment													20%	20%						20%		20
COMMENTS																						
																* BASELINE I	IFORM	ΙΟΙΤΑΝ	N: COI	MPULSC	ORY FIEL	DS 1

Joe Gqabi District municipality																				WSD	P 201	5 🌔	
Topic 6: Operation & Maintenance																							9
Enabling Factors							Cor	mplia	anc	e						Ν	leeds	Dev	elopı	ment	Plan		
							Sta	atus	Quo						Fut	ure pla	n (to a	addre	ss iss	ues)		Strat	tegy
				a	ņ	es				8	Ы.				Ti	me Fra	ame	Suff	icient	for			
STATUS QUO (S)IMPACT (I)Z - Zero ComplianceC - Critical1 - Below minimum requirementM - Mediumal/High2 - Minimum basic requirementM - Mediumal/High3 - Above minimum requirementL - LowN/R Not RequiredNo - No Impact		Procedures				Quality control procedures	establ.	The second se	Kisk Management	Reporting (data analysis	report generation establ.	ASSESSMENT	ASSESSMENT	In place?	N	Short (* ledium Long (5 None 3 5	(3) 5)	* RDP	* Higher Level	* Growth & * Development	ASSESSMENT	In place? Sufficient	ASSESSMENT
Quantity: Assessment of Information Completeness		S	1	S	T.	S	1	S	1	S	1												
Quality: Information Accuracy Assessment												%	%			Y.	/ N / NA	L			%	Y / N	%
6.2.3 Activity Control & Management																							
6.2.3.1 Existing Groundwater Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
6.2.3.2 Existing Surface water Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ		Ζ	С	20	20								20		20
6.2.3.3 Existing Water Treatment Works Infrastructure	: OPERATION	1	С	1	С	1	С	1	С	1	С	20	20								20		20
	: MAINTENANCE	1	С	1	С	1	С	1	С	1	С	20	20								20		20
6.2.3.4 Existing Waste Water Treatment Works Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
6.2.3.5 Existing Pump Station Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
6.2.3.6 Existing Bulk Pipeline Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
6.2.3.7 Existing Tower & Reservoir Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
6.2.3.8 Existing Reticulation Infrastructure	: OPERATION	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
	: MAINTENANCE	Ζ	С	Ζ	С	Ζ	С	Ζ	С	Ζ	С	20	20								20		20
Sub Topic 6.2.3 Compliancy & Needs Development Plans Assessment												20%	20%								20%		20%
COMMENTS																							-
																							_
																* BASE		FORM		COM			s 15
SALGA																DAGE							

qabi District municipality										_		-	DP 201	-	
©				0	mulions							: Opera			enance
Enabling Factors					ompliand							elopme			4 a. en 4
STATUS QUO (S)IMPACT (I)Z - Zero ComplianceC - Critical1 - Below minimum requirementM - Mediumal/High2 - Minimum basic requirementM - Mediumal/High3 - Above minimum requirementL - LowN/RNot Required		Policies & Procedures	Record keeping in Place	Quality Control Procedures Established	Status Quo	Reporting	ASSESSMENT	ASSESSMENT	In place?	Future plan (to Time Frame Short (1) Medium (3) Long (5) None		Higher Level Growth & Development	-	Sufficient	Itegy ANNENT ASSESSE
Quantity: Assessment of Information Completeness		S I	S I	S I	S I	S I				1 3 5	N *	* *			
Quality: Information Accuracy Assessment							%	%		Y/N/	NA		%	Y/N	%
* 6.3 Water Supply and Quality	In Place Y / N												<u> </u>		
6.3.1 Water: Incident Management Protocol	N	_													
6.3.2 Water: Process Control	N	_													
6.3.3 Water: Monitoring Programme	Y	_													
6.3.4 Water: Sample Analysis (Credible: Scale 1 – 5 as per Blue Drop requirements)	Y														
6.3.5 Water: Failure Response Management	Ν														
6.3.6 Blue Drop Status	85.18%	ADD S	SCORE FI	ROM BL	UE DROF	P STATUS	0%	0%					0%		0%
* 6.4 Waste Water Supply and Quality	In Place Y / N														
6.4.1 Waste Water: Incident Management Protocol	Ν														
6.4.2 Waste Water: Process Control	Ν														
6.4.3 Waste Water: Monitoring Programme	Ν														
6.4.4 Waste Water: Sample Analysis (Credible: Scale 1 – 5 as per Green Drop requirements)	Ν														
6.4.5 Waste Water: Failure Response Management	Ν	-													
6.4.6 Green Drop Status	22.08%	ADD SC	ORE FRO	OM GRE	EN DROP	STATUS	0%	0%					0%		0%
 6.1 OPERATION & MAINTENANCE PLAN 6.2.1 RESOURCES 6.2.2 INFORMATION 6.2.3 ACTIVITY CONTROL & MANAGEMENT 6.3 WATER SUPPLY AND QUALITY (BLUE DROP) 6.4 WASTE WATER SUPPLY AND QUALITY (GREEN DROP) COMMENTS 							0% 20% 20% 0% 0%	0% 20% 20% 0% 0%		NEEDS DEV	uture p	lan	12% Strate		12%
]				OVERALL Q					10%
										* BASELINE				RY FIELD	

Joe Gqabi District											W	SDP	2015				
Topic 7: Associated Services	3																~
		Enabling Factors	;			Comp	liance			Nee	ds De	evelo	pmen	t Pla	h		
								F	uture	plan (to	o add	ress i	ssues)	Str	rateg	y
									Tim	e Frame	e Su	ufficie	ent for				
	Resources available to pe	rform function? (Yes: Y,	, No: N, Not Applicable:	NA):		ASSESSMENT	ASSESSMENT	In place?	Me Lo	nort (1) dium (3) ong (5) None	RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
Quality: Information Accuracy	Assessment					▲	∢				*	*	*	A			<
Quantity: Assessment of Inform	mation Completen	ess							1	3 5 I	N						
7.1 Water Services			-			%	%			Y / N /	' NA			%	Y /	N	%
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	358	358				80	80	Y			Y			60			60
Tertiary education facility														60			60
Total	358	358	0	0	0												
* 7.1.2 Health Plan																	
* Hospitals	11	11				80	80	Y			Y			60			60
* Health centres	0	0				0	0				Y			60			60
* Clinics	59	59				80	80	Y			Y			60			60
Total	70	70	0	0	0					- L - L							
Sub Topic 7.1 Compliancy & Needs Develo	pment Plans Assessmen	ıt				48%	48%							60%			60%
7.2 Sanitation Services			1														
7.2.1 Education Plan						-											
* Schools	358	358				80	80	Y			Y			60			60
Tertiary education facility						0	0				Y			60			60
Total	358	358	0	0	0												
* 7.2.2 Health Plan																	
* Hospitals	11	11				80	80	Y			Y			60			60
* Health centres	0	0				0	0				Y			60			60
* Clinics	50	50				80	80	Y			Y	1		60			60
Total	61	61	0	0	0												
Sub Topic 7.2 Compliancy & Needs Develo	pment Plans Assessmen	it				48%	48%							60%			60%
								•	* B/	ASELINE	INFORI	ΝΑΤΙΟ	N: CON	IPULS	ORY FI	ELDS	17

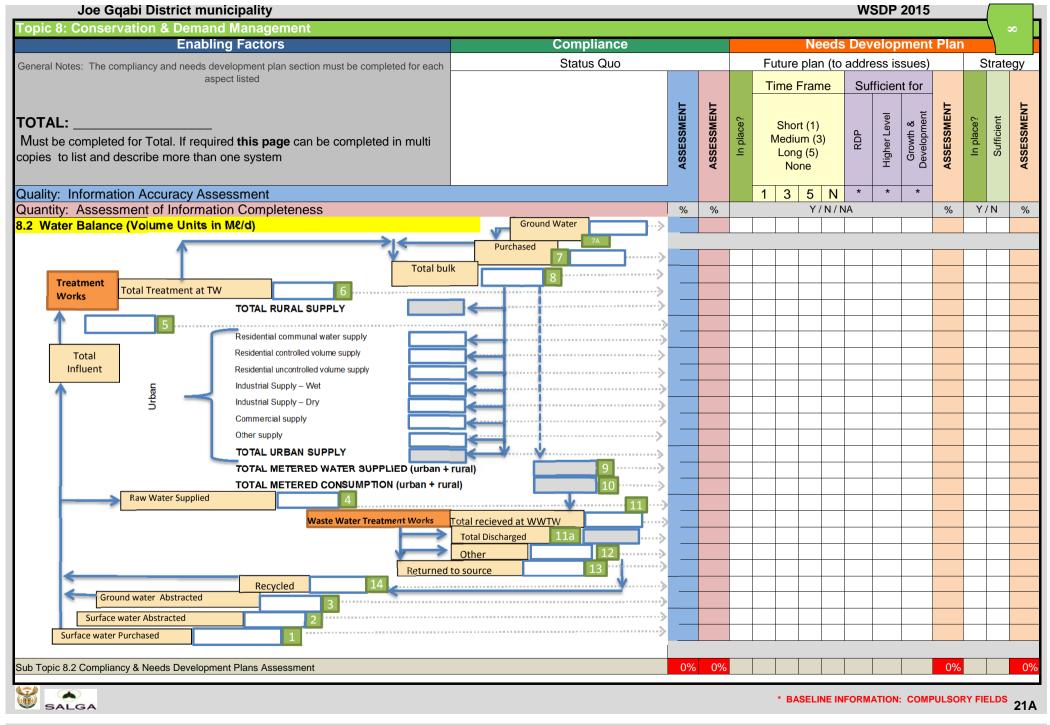
Joe	Gqabi District municipality			WSDP 2015			
				Topic 7: Ass			ces
	Enabling Factors	Co	mpliance	Needs Developmer Future plan (to address issues		n Strateg	11/
	OVERALL TOPIC ASSESSMENT	ASSESSMENT	ASSESSMENT		ASSESSMENT		ASSESSMENT
Quality: Information Accuracy Assess							
Quantity: Assessment of Information	Completeness						
7.1 WATER SERVICES 7.2 SANITATION SERVICES GENERAL COMMENTS			% 48% % 48%	NEEDS DEVELOPMENT PLAN AS Future plan 60%	_	60%	
				OVERALL QUALITY ASSESSMENT		48% 48%	
SALGA				* BASELINE INFORMATION: CO	MPULS		18

Joe Gqabi District municipality										WSE	DP 20	015							
Topic 8: Conservation & Demand Management														\square	∞				
Enabling Factors		Compliance					Needs Development P												
		Status Quo					Future plan (to address issues)						Strategy						
								Ime F	rame	Suil	ICIENT	TOF							
	Resources available to perform function? (Yes: Y, No: N, Partially: P, N/A: NA):	Urban Settlements Rural Settlements		Artform function? Artform funct		Rural Settlements		tlements Rural Settlements		ASSESSMENT	ASSESSMENT Shot Medi Lor N N		Short (1) Medium (3) Long (5) None			Growth & Development	ASSESSMENT	In place? Sufficient	
Quality: Information Accuracy Assessment	es: p	Number Of	% of Total	Number Of % of Tot	al														
Quantity: Assessment of Information Completeness	٤		,				1	3	5 N	*	*	*							
8.1 Water Resource Management Interventions				%	%		Y / N / N		//N/NA		%	Y/N	%						
* 8.1.1 Reducing unaccounted water and water inefficiencies		T	Ĩ	1					1	r									
8.1.1.1 Night flow metering	N				40	40													
8.1.1.2 Day flow metering	Р				40	40													
8.1.1.3 Reticulation leaks	Р				40	40													
8.1.1.4 Illegal connections	Ν				40	40													
8.1.1.5 Un-metered connections	Р				40	40													
8.1.1.6 Internal plumbing leaks	Ν				40	40													
* 8.1.2 Reducing high pressures for residential consumers Number of consumer units with water supply pressure of:				тот	AL 40%	5 40%	6						0%		C				
8.1.2.1 <300kPa	Р				40	40													
8.1.2.2 300 –600kPa	Р			-	40	40													
8.1.2.3 600 –900kPa	Р				40	40													
8.1.2.4 >900kPa (>9Bar)	Р				40	40													
* 8.1.3 Leak and meter repair programmes Consumer units targeted by:				тот	AL 40%	40%				. <u> </u>			0%		0%				
8.1.3.1 Leak repair assistance programme	N				40	40													
8.1.3.2 Retro-fitting of water efficient toilets	N				40	40													
8.1.3.3 Meter repair programme Y / N :	Р				40	40													
8.1.4 Consumer/end-use demand management: Public Information & Education Programmes				тот	AL 40%	40%		1					0%		09				
8.1.4.1 Schools targeted by education programmes	Р				40	40													
8.1.4.2 Consumers targeted by public information programmes	Р				40	40													
* 8.1.4.3 IS THERE A OPERATION & MAINTENANCE PLAN?		(Y/N):	N		40%	40%							0%		0'				
Sub Topic 8.1 Compliancy & Needs Development Plans Assessment					40%	40%	5						0%		0				
								* BAS	SELINE INF	ORMA	TION:	СОМР	ULSOR	Y FIEL	DS				

SALGA

* BASELINE INFORMATION: COMPULSORY FIELDS 19

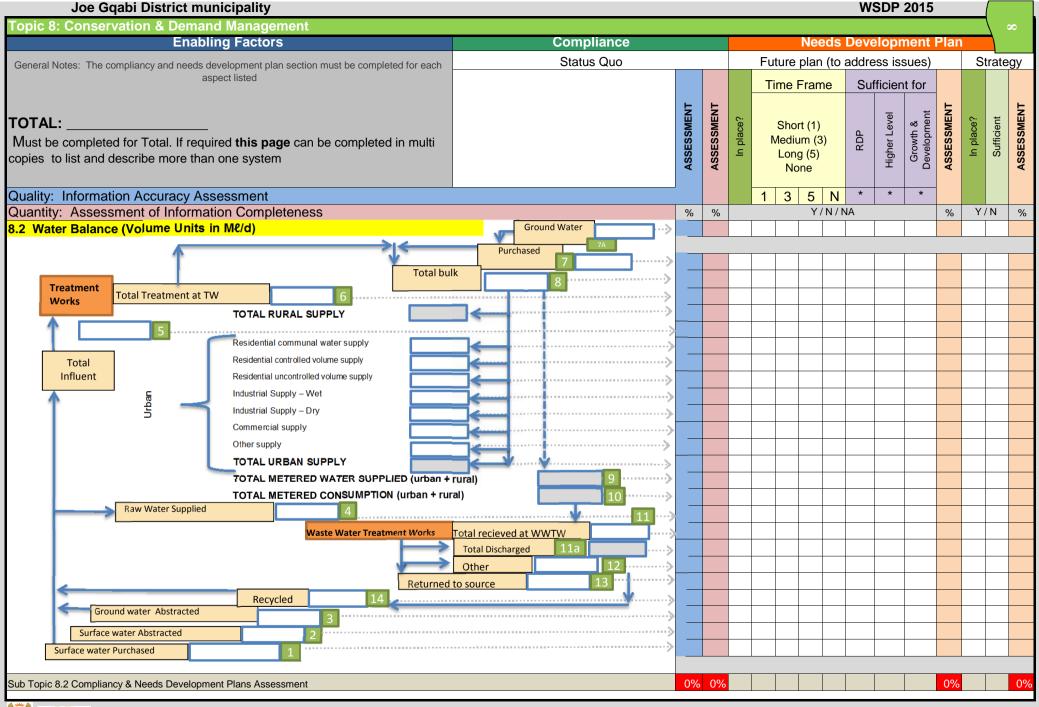
Joe Gqabi District municipality							WSD	P 2015										
∞ Topic 8: Conservation & Demand Manage							ement											
Enabling Factors	Compliance							Needs	nt Plai	า	1							
	Status Quo					Future plan (to address issues)								у				
					Time Frame			Sufficient for			-							
	er of Settlements SESSMENT		er of Settlements SSESSMENT	er of Settlements	Number of Settlements ASSESSMENT	ASSESSMENT	ASSESSMENT	In place?	Short (1) Medium (3) Long (5) None			RDP Higher Level	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
	qump	Aŝ	Aŝ								rowt	AS			Aŝ			
Quality: Information Accuracy Assessment	z				1	3	5	N			0							
Quantity: Assessment of Information Completeness									*	*	*							
	Number of	%	%				Y / N	I / NA				%	Y	/ N	%			
8.1.5 Conjunctive use of surface – and groundwater																		
Ground Water	203																	
Surface Water	159																	
Conjuctive Use	23	-																
Artificial Recharge		-																
Rain Water Harvesting		-																
8.1.6 Working for Water	Is the	re a Wor	king for V	Vater Pro	gramme i	in Place:		(Y/N):	Y									
Provide List of Projects:																		
Lady Grey Bulk Water Project																		
Mount Fletcher Villages Water Supply Scheme	_																	
Sterkspruit Upgrading of WTW and Bulk lines	_																	
Senqu Rural Water Programme	_																	
Elundini Rural Water Programme	_																	
Senqu Spring Protection	-																	
Elundini Spring Protection																		
Comments																		
Salga															20			



Joe Gqabi District municipality

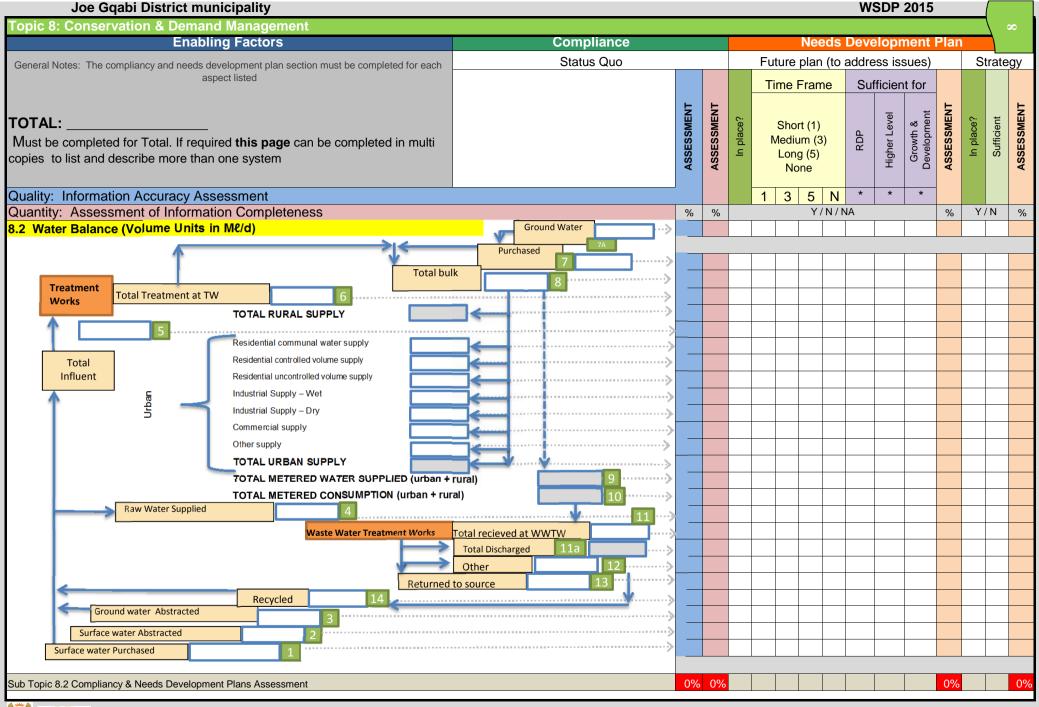
WSDP 2015

∞ \			1	opic 8: Conser	vation &	Dema	and M	anag	ement
Enabling Factors	Compliance			Needs	s Develop	oment	: Plan		
General Notes: The compliancy and needs development plan section must be completed for each	Status Quo			Future plan (to	address is	ssues)		Stra	ategy
aspect listed				Time Frame	Sufficie	1			
TOTAL: Must be completed for Total. If required this page can be completed in multi copies to list and describe more than one system		ASSESSMENT	ASSESSIMENT In place?	Short (1) Medium (3) Long (5) None	Basic Higher Level	Growth & Development	ASSESSMENT	In place?	ASSESSMENT
Quality: Information Accuracy Assessment				1 3 5 N	* *	*			
Quantity: Assessment of Information Completeness		%	%	Y / N / Y	NA		%	Y / N	%
8.3 Water Losses 8.3.1 •- Raw Water Bulk Loss Raw Water at Treatment Total Raw Water Bulk 5 (1+2+3+14) 6 - 8.3.2 •- Treated Water Loss :Bulk									
Total Metered Supplied - (Total Treated at Treated Water + Purchased T									
8.3.3 • - Treated Water Loss :Internal Metered Consumption - Metered Supplied 10 - 9 									
8.3.4 • - Water Balance Bulk Usage + Discharged Input (1+2+3+7+7a)-4 - 9 + 13 Value									
Sub Topic 8.3 Compliancy & Needs Development Plans Assessment		0%	0%				0%		0%
Salga				* BASELINE IN	EORMATICS				



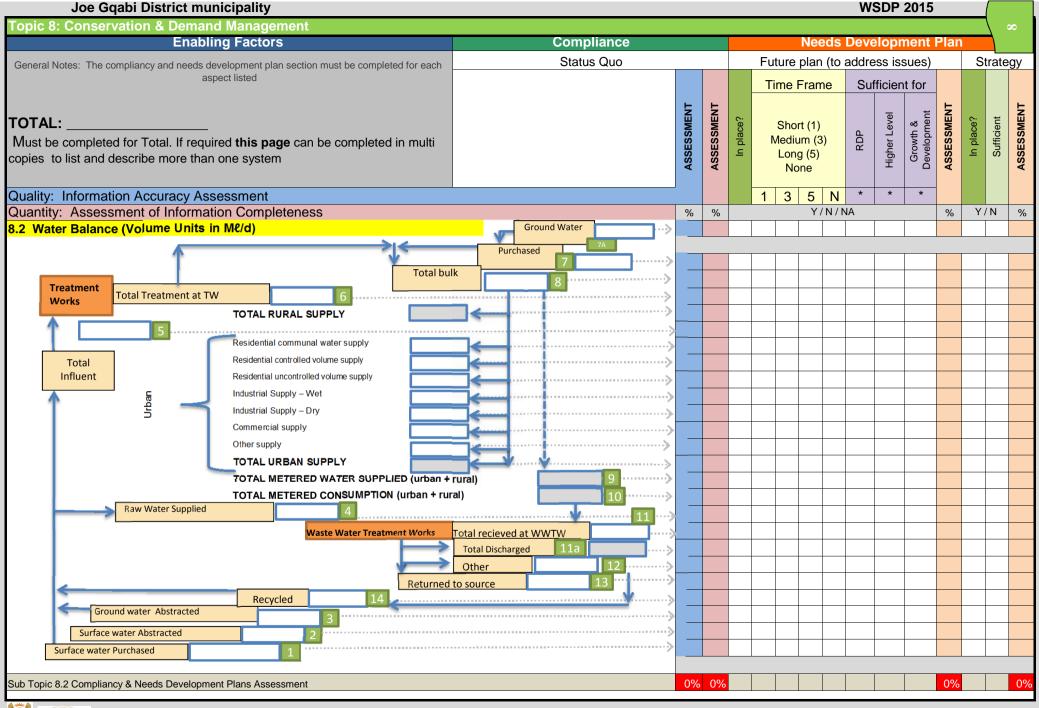


Joe Gqabi District municipality			WSDP 2015					
∞ \		Topic 8: Conservat						
Enabling Factors Compliance		Needs Development I						
General Notes: The compliancy and needs development plan section must be completed for each Status Quo		Future plan (to a	,		Strat	egy		
aspect listed		Time Frame	Sufficient for	_				
			neni			1.1		
TOTAL:		ີຍ Short (1)	slopr	L L	ج ا	EN		
Must be completed for Total. If required this page can be completed in multi	ASSESSMENT	Short (1) B Medium (3) Long (5)	Basic Higher Level Growth & Development	ASSESSMENT	In place? Sufficient	ASSESSMENT		
copies to list and describe more than one system	SEG SE	Long (5)	Beighe	SEC	Suff	SEC		
	AS	None	owth T	AS		AS		
Quality: Information Accuracy Assessment		1 3 5 N	* * *					
Quantity: Assessment of Information Completeness	% %	Y / N / N/	4	%	Y / N	%		
8.3 Water Losses 8.3.1 ●- Raw Water Bulk Loss								
Total Paw								
Raw Water at - Water Bulk - Supplied % LOSS								
Received								
5 - (1+2+3+14) - 4				1		_		
DDD D Tracted Water Lease Delle								
8.3.2 - Treated Water Loss :Bulk (10tal Treated at Treated Water + Purchased Treated Water)								
Total Metered Supplied - + Ground Water Not Treated								
8.3.3 ● - Treated Water Loss :Internal								
Metered Consumption - Metered Supplied								
10 - 9								
8.3.4 • - Water Balance								
Bulk Usage + Discharged								
Input (1+2+3+7+7a)-4 - 9 + 13 Value								
Sub Topic 8.3 Compliancy & Needs Development Plans Assessment	0% 0%			0%		0%		
Salga		* BASELINE INFO	DRMATION: COMP	ULSOR		<mark>s</mark> 22B		



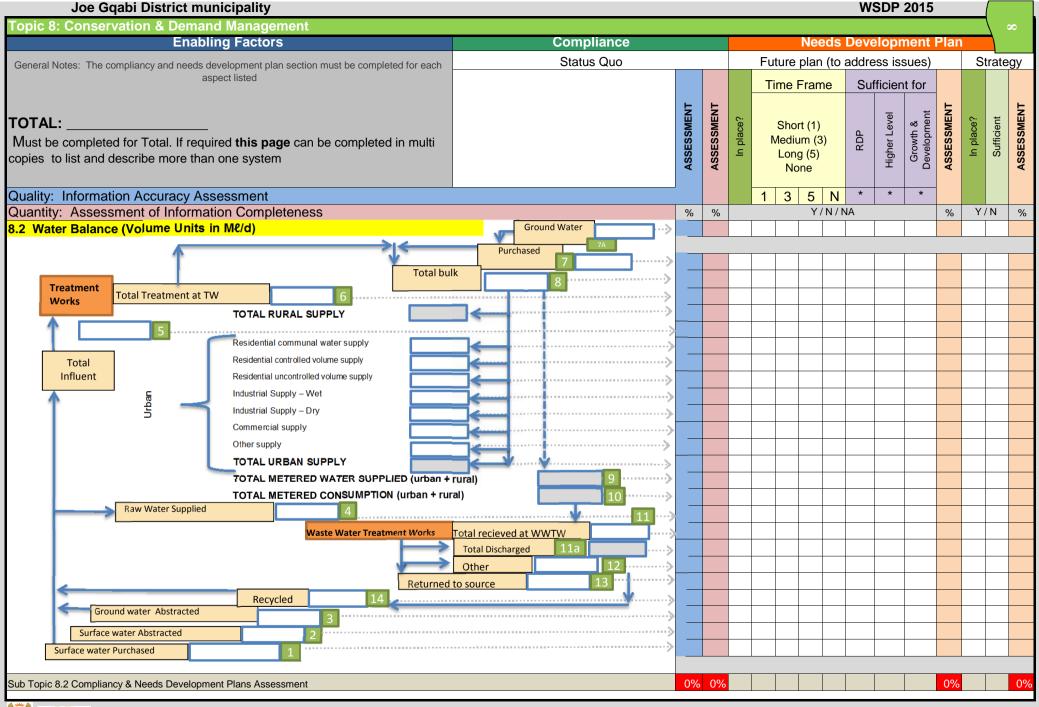
* BASELINE INFORMATION: COMPULSORY FIELDS 21C

Joe Gqabi District municipality						DP 2				
∞ \			Тор	oic 8: Conserva					nage	ment
Enabling Factors	Compliance			Needs				lan		
General Notes: The compliancy and needs development plan section must be completed for each	Status Quo			Future plan (to					Strat	egy
aspect listed				Time Frame	Suffi	icient f				
							nent			
TOTAL:			~	Short (1)		<u>ke</u>	lopr	ENT	t t	ENT
Must be completed for Total. If required this page can be completed in multi		ASSESSMENT ASSESSMENT	In place?	Medium (3)	Basic	Higher Level	Growth & Development	ASSESSMENT	In place ? Sufficient	ASSESSMENT
copies to list and describe more than one system		SEC SE	d ul	Long (5)	ä	ighe	S C	SEC	Suff	SES
		AS		None		T	owth	AS		AS
Quality: Information Accuracy Assessment				1 3 5 N	*	*	*			
Quantity: Assessment of Information Completeness		% %		Y / N / N	JA			%	Y / N	%
8.3 Water Losses										
8.3.1 ●- Raw Water Bulk Loss										
Total Payr										
Raw Water at - Water Bulk - Supplied	% LOSS									
Received										
5 - (1+2+3+14) - 4			[[[]					
8.3.2 ●- Treated Water Loss :Bulk										
Total Material Supplied (Total Treated at Treated Water + H	urchased I reated water)									
9 - 8										
			LL		<u>I I</u>					
8.3.3 • - Treated Water Loss :Internal										
Metered Consumption - Metered Supplied										
10 - 9										
	=									
8.3.4 • - Water Balance										
Bulk Usage + Discharged										
Input (1+2+3+7+7a)-4 - 9 + 13	Value									
Sub Topic 8.3 Compliancy & Needs Development Plans Assessment		0% 0%						0%		0%
		070 070								
SALGA				* BASELINE INF	ORMATI	ION: C	OMPU	LSORY	FIELD	s 22C



* BASELINE INFORMATION: COMPULSORY FIELDS 21D

Joe Gqabi District municipality					WSDF	2015			
∞			Το	pic 8: Conserva	ation & [Deman	d Ma	nager	nent
Enabling Factors	Compliance			Needs	Develop	ment	Plan		
General Notes: The compliancy and needs development plan section must be completed for each	Status Quo			Future plan (to				Strate	egy
aspect listed				Time Frame	Sufficie				
TOTAL: Must be completed for Total. If required this page can be completed in multi copies to list and describe more than one system		ASSESSMENT ASSESSMENT	In place?	Short (1) Medium (3) Long (5) None	Basic Higher Level	Growth & Development	ASSESSMENT	In place? Sufficient	ASSESSMENT
Quality: Information Accuracy Assessment				1 3 5 N	* *	*			
Quantity: Assessment of Information Completeness		% %		Y/N/N	NA		%	Y/N	%
8.3 Water Losses 8.3.1 ●- Raw Water Bulk Loss Raw Water at Total Raw Raw Water at Total Raw Raw Water at Total Raw Complete	% LOSS								
TreatmentWater DurkSupplied5-(1+2+3+14)-									
	=								
8.3.2 • Treated Water Loss :Bulk Total Metered Supplied - (Total Treated at Treated Water + F + Ground Water Not Treated 9 - 8	urchased i reated water)								
8.3.3 • - Treated Water Loss :Internal Metered Consumption - Metered Supplied 10 - 9 	=								
8.3.4 • - Water Balance Bulk Usage + Discharged Input (1+2+3+7+7a)-4 - 9 + 13	Value								
Sub Topic 8.3 Compliancy & Needs Development Plans Assessment		0% 0%	<mark>6</mark>				0%		0%
Salga									220





Joe Gqabi District municipality				WSDP 2015			
∞ \			Topic 8: Conservation			anage	ement
Enabling Factors	Compliance			velopment	Plan		
General Notes: The compliancy and needs development plan section must be completed for each	Status Quo		Future plan (to add	,		Stra	ategy
aspect listed			Time Frame S	Sufficient for			
				hent	.		
TOTAL:		ENT ENT	Short (1)	vel slopr	EN	~ *	ENT
Must be completed for Total. If required this page can be completed in multi		ASSESSMENT	Short (1)OEMedium (3)Long (5)	Higher Level Growth & Development	ASSESSMENT	In place?	Sufficient
copies to list and describe more than one system		SES SES	Long (5)	ighe 8 C	SES	d ul	
		AS	None	owth H	AS		AS
Quality: Information Accuracy Assessment			1 3 5 N *	* *			
Quantity: Assessment of Information Completeness		% %	Y / N / NA		%	Y / N	1 %
8.3 Water Losses							
8.3.1 • - Raw Water Bulk Loss							
Total Raw							
Raw Water at - Water Bulk - Supplied	% LOSS						
Received							
5 - (1+2+3+14) - 4							
8.3.2 •- Treated Water Loss :Bulk							
Total Material Supplied (Total Treated at Treated Water + H	urchased I reated vvater)						
+ Ground Water Not Treated 9 - 8							
8.3.3 • - Treated Water Loss :Internal							
Metered Consumption - Metered Supplied							
10 - 9							
	=						
8.3.4 • - Water Balance							
Bulk / Usage + Discharged							
Input (1+2+3+7+7a)-4 - 9 + 13	Value				TT		
		09/ 09/			00/		0%
Sub Topic 8.3 Compliancy & Needs Development Plans Assessment		0% 0%			0%		0%
SALGA			* BASELINE INFORM	MATION: COMP	ULSOR		DS 22E

Joe Gqabi District municipality			Jo	e Gqabi Distri	ict municipality			
Topic 8: Conservation & Demand Management								∞
Enabling Factors	Compliance			Nee	eds Developme	nt Pla	in 🗌	
	Status Quo			Future plan	(to address issues	s)	Strat	egy
OVERALL TOPIC ASSESSME	<u>NT</u>	ASSESSMENT	ASSESSMENT			ASSESSMENT		ASSESSMENT
Quality: Information Accuracy Assessment								
Quantity: Assessment of Information Completeness								
8.1 WATER RESOURCE MANAGEMENT INTERVENTIC 8.2 WATER BALANCE 8.3 WATER LOSSES	INS	40% 0% 0%	40% 0% 0%					
Comments				NEED	S DEVELOPMENT PLA		SSMENT	
					Future plan	0%		
						Str	ategy	0%
							ESSMENT	13%
					OVERALL QUANTI		ESSMENT	13%
SALGA				* BASELINE	INFORMATION: COM	PULSO		3 23

Joe Gqabi District munic	pality
--------------------------	--------

Topic 9: Water Resources

* 9.1 Sources & Volumes ASSESMENT * Licensed * Current * Number * Community water * CURRENT Water sources abstraction abstraction of sources supply (Mm³/A) (Mm³/A) Rural Urban Groundwater 8.574 60 215 Surface Water 60 19 60.314 60 5 20.261 External Sources (Bulk purchase) Water returned to source 45% ### Sub Topic 9.1 Compliancy & Needs Development Plans Assessment

Additional Source Available	* Number of sources	Potential Volume	* Licensed abstraction (Mm³/A)
Groundwater			
Surface Water			
External Sources (Bulk purchase)			

Enabling Factors		Comp	liance	e				Nee	eds D	evelop	oment	Plan				
		Status					Future	plan (t	to addr	ess iss	sues)			S	trateg	ју
		Status	Quo				Time F	rame		Su	fficient	for				
Resources available to perform function? (Yes: Y, No: N, Partially: P, N/A: NA):	General Assesment on Scale 1-5 None 0% Limited 20% Partial 40% Good 60% Excellent 80%	Budget, Tools & Equipment & Personnel	ASSESSMENT	ASSESSMENT	In place?		Shori Mediu Long Nor	m (3) J (5)		RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	THIMOOLOOV
Quality: Information Accuracy Assessment		Bud				1	3	5	Ν	*	*	*				
Quantity: Assessment of Information Completeness		Y / N / NA	%	%				Y / N /	/ NA				%	Y,	'N	
9.2 Monitoring	Is there a Monito	oring Plan in	Plac	e (Y	/ N):	Y										
9.2.1 % of water abstracted monitored: Surface water	1%		20	20	N											
9.2.2 % of water abstracted monitored: Groundwater	1%		20	20	N											
9.2.3 % of water abstracted monitored: External Sources (Bulk purchase)	1%		20	20	N											
9.2.4 Water levels (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	3	Ν	20	20	N											
9.2.5 Water quality? (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	3	Ν	20	20	N											
9.2.6 Borehole abstraction? (1: daily, 2: weekly, 3: monthly, 4: annually, 5: never)	3	Ν	20	20	N											
* 9.2.7 % Compliance to drinking water acceptable limits	20%	Ν	20	20	N											
* 9.2.8 % Compliance to effluent release acceptable limits	1%	Ν	20	20	N											
9.2.9 Number of monitoring points for drinking water sufficient	1%		20	20	N											
9.2.10 Number of monitoring points for effluent release sufficient	1%		20	20	N											
Sub Topic 9.2 Compliancy & Needs Development Plans Assessment			20%	20%									0%			

ASSESMENT

60

60

60



Joe Gqabi District municipality											V	VSDP	2015				
Topic 9: Water Resources																\ σ	ה
Enabling Factors			Compl	iance)				Nee	eds De	evelop	omen	t Plan				
			Status	Quo				Future	plan (t	to addr	ess iss	sues)			S	trateg	Jy
			nt					Time F	rame		Su	fficient	t for				
Resources available to perform function? (Yes: Y, No: N, Partially: P, N/A: NA):	General Assesment on Scale 1-5 None 0% Limited 20% Partial 40% Good 60% Excellent 80%	Place? Y/N	Budget, Tools & Equipment & Personnel	ASSESSMENT	ASSESSMENT	In place?		Shor Mediu Long No	m (3) g (5)		RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
Quality: Information Accuracy Assessment		In P	Bu				1	3	5	Ν	*	*	*				
Quantity: Assessment of Information Completeness			Y / N / NA	%	%				Y / N /	/ NA				%	Y	/ N	%
9.3 Water Quality	Is there a Wa	ter C	Quality Plan	in Pl	ace (Y/N)											
9.3.1 Reporting on quality of water taken from source: urban & rural		Υ	Y	60	60	Y									Y	N	
9.3.2 Quality of water returned to the resource: urban	Y			60	60	Y									Y	Ν	
9.3.3 Quality of water returned to the resource: rural	Y	1		60	60	Y									Y	N	
9.3.4 Is there a Pollution contingency measures plan in place?		Ν	N	60	60	N									Y	N	
9.3.5 Quality of water taken from source: urban - % monitored by WSA self?	Y		Y	60	60	Y									Y	N	
9.3.6 Quality of water taken from source: rural - % monitored by WSA self?	Y	1	Y	60	60	Y									Y	N	
9.3.7 Quality of water returned to the source: urban - % monitored by WSA self?	N	1	N	60	60	N									Y	N	
9.3.8 Quality of water returned to the source: rural - % monitored by WSA self?	N	1	N	60	60	N									Y	N	
9.3.9 Are these results available in electronic format? (Yes/no)		Υ		60	60	Y									Y	N	
9.3.10 % Time (days) within SABS 241 standards per year	Y			60	60	Y									Y	N	
Sub Topic 9.3 Compliancy & Needs Development Plans Assessment				60%	60%									0%			0%
General Comments																	

* BASELINE INFORMATION: COMPULSORY FIELDS 25

	Joe Gqabi	District mur	nicipality											WSDI	P 2015	1			
م															Тс	pic 9:	Wate	r Reso	urces
		En	abling Facto	ors									s Devel		nt Plan				
											-	(to add	ress iss	sues)				Strategy	/
						_				Time	Frame		Su	ifficient	for				
			Wet Indus	tries		ASSESSMENT	ASSESSMENT	In place?		Mediu Lon No	rt (1) um (3) g (5) one		* RDP	* Higher Level	* Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
		curacy Asses							1	3	5	N	Ŷ	^	, î				
		of Information	n Completer	ness		%	%				Y/Y	N/NA				%	Y	'N	%
9.4 Wet Indu	ustries: Urba																		
Monthly		Water Quali	ty Received																
Water use (ml/d) (Total)	Raw (Total)	Filtered (Total)	Chlorinated (Total)	Fully Treated (Total)	Reliability (inadequate adequate, special treatment) (Total)														
N/A	N/A	N/A	N/A	N/A	N/A	0%	0%									0%			0%
9.5 'Raw' W	ater Consun	ners: Urban a	Ind Rural	1					1	1		1	1	1	1				
		ter Quality Recei																	
Monthly Water use (ml/d) (Total)	Raw (Total)	Filtered (Total)	Other (Total)	Tariff (R/ml) Total)	Reliability (inadequate adequate, special treatment) (Total)														
N/A	N/A	N/A	N/A	N/A	N/A	0%	0%									0%			0%
9.6 Industria	al Consume	Units for Sa	nitation: Urb	an and Rura					1					I	1				
Number of service units (Total)	Monthly waste water (ml) (Total)	Monthly Sewage (ml) (Total)	Total Treated effluent (ml) (Total)	Total Untreated effluent (ml) (Total)	Total Return flow to river system (ml)														
N/A	N/A	N/A	N/A	N/A	N/A	0%	0%									0%			0%
9.7 Industrie	es and their	permitted eff	luent release	es															
Permitted volume (Mℓ/yr) (Total)	Permitted effluent quality (units) (Total)																		
N/A	N/A					0%	0%									0%			0%
													* BASEL	INE INFC	ORMATIO	N: COMF	ULSOR	FIELDS	26

Joe Gqabi District municipality			WSDP 2015	
Topic 9: Water Resources				ი
Enabling Factors			Needs Development Plan	
			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 Monotoring 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 	45% 20% 60% 0% 0%	45% 20% 60% 0% 0% 0%		
			OVERALL QUALITY ASSESSMENT 18%	
SALGA			* BASELINE INFORMATION: COMPULSORY FIELDS	27

	Joe Gqabi District municipality								2015	
2								Topic	10: Financ	ial Profile
	10.1 Capital Funds									
					Trading Se	ervices				
		Housing	Environmental Protection	Waste Management (solid waste)	Waste water management	Road transport	Water	Electricity	Other Trading Services	Grand Total
10.1.1 Income		RM	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									
10.1.1.8	Provincial Government									
10.1.1.9	Local Government									
10.1.1.10	Other									
10.1.1.11	Spent conditional grants									
10.1.1.12	Metering & Billing Income									
10.1.1.13	Other Income									
10.1.1.14	Deficit									
	Total Income	0	0	0	0	0	0	0	0	0
Comments						_	_	_		_
Johnnents										



Joe Gqabi District municipality												WS	DP 2015	5		
Topic 10: Financial Profile																
Enabling Factors				C	ompliance	•					Nee	ds Deve	elopmen	it Plar	n i	
				5	Status Quo						Future plan (to addres	ss issues))	Strat	tegy
											Time Fram	l <mark>e</mark> Su	fficient for	t.		
		Wa	ater			San	itation		ASSESSMENT	ASSESSMENT	Short (1) Medium (3 Long (5) None		Higher Level Growth &	ASSESSMENT	In place? Sufficient	ASSESSMENT
Quality: Information Accuracy Assessment	11.						-					*	* *			
Quantity: Assessment of Information Completeness	Un	ban	ĸ	ural	U	rban	F	ural			1 3 5					
	Value Spend	% of Allocation	%	%	Y/N	I / NA		%	Y/N	%						
* 10.1.2 Capital Expenditure % Allocation	n spend in la	ast financial	year													
	Values to be g	jiven in R millio	n													
Regional Bulk																
Internal Bulk																
Reticulation																
Backlog Eradication																
Total cost																
Sub Topic 10.1 Compliancy & Needs Development Plans Assessment									0%	0%				0%		0%
10.2 Operation & Maintenance Budget																

	WATER				SANITATION	
	ITEM	BUDGE	ſ		ITEM	
		(R millio	n)			
	Sales, other	R	-		Sales, other	
Income:	Grants, subsidies, and other	R	-	Income:	Grants, subsidies, and other	
	Other income	R	-		Other income	
	Total Income	R	-		Total Income	
	Employee related cost (salaries, allowances,	D			Employee related cost (salaries, allowances, bonuses,	
	bonuses, medical, pension etc.)	ĸ	-		medical, pension etc.)	
	Bulk water purchases	R	-		Bulk waste water charges (external waste water treatment)	
	General expenditure	R	-		General expenditure	
Expenditure:	Municipal rates and services	R	-	Expenditure:	Municipal rates and services	
	Operation and Maintenance cost	R	-		Operation and Maintenance cost	
	Depreciation and financial cost	R	-		Depreciation and financial cost	
	Total Expenditure	R	-		Total Expenditure	
	Surplus/Deficit	R	-		Surplus/Deficit	

Sub Topic 10.2 Assessment of the Existance and Status of a Proper Budget

Add scores for Water and Sanitation Budget 0% 0%

Comments

• • • • •

2																			015			
																					ncial F	rofi
Enabling Factors						mpliar									Need					Plar		
					St	tatus Q	uo								e plan (t						Stra	.egy
	Fire	-1 T:				Volume	Charges						-	III	ne Fram	ie	Sun	icien	Ч			
	Fixed	d Tariff	per mont	n from: 0Kl	Block Definit	om: 6Kl	per mor	th from:		finition 4 Kl from: >51Kl	SMENT	ASSESSMENT	In place?		Short (1)	、	Р	. Level	Growth & Developmer	ASSESSMENT	In place? Sufficient	
	Current	Previous		6КІ	to 30ł			o 50Kl			ASSESSMENT	ASSES	ln pl		edium (3 ₋ong (5) None)	RDP	Higher Level	owth & D	ASSES	ln pl Suffi	
uality: Information Accuracy Assessment	Year	Year	Current	Previous	Current F	Previous	Current	Previous	Current	Previous				- 1					Gre			
uantity: Assessment of Information Completeness	2015	2014				()) (1	3 5		*	*	*			
• •		Tau:6			Y/N/		NI \-	V			%	%			Y / N	/ NA				%	Y/N	4
0.3 Tariff & Charges 0.3.1 Residential					in Place fo urrent and			Y Voial Voa	are a													+
ater Communal Water Supply	62.47	58.94	8.53	8.04	9.72	9.17	10.7	10.1	11.67	11.01	80	80										4
Controlled Volume Supply	02.47	50.94	0.00	0.04	5.12	0.17	10.7	10.1	11.07	11.01	80	80										+
Uncontrolled Volume Supply	120.79	113.95	Free	Free	9.72	9.17	10.7	10.1	11.67	11.01	80	80										-
nitation On site dry	0	0		1	1 1				1		80	80										-
On site wet (conservancy tanks etc.)	cost +	cost +	-								80	80										-
	10%	10%	_																			_
Water borne reticulated sanitation	209.8	197.93									80	80							_			
Enabling Factors					Co	mpliar	nce								Nee	ds D	evel	opn	nent	Plar	า	
					St	tatus Q	uo							Futur	re plan (to ac	fress	issu	ies)		Stra	legy
						Volume	Charges							Tin	ne Fram	ne	Suff	icien	nt for			
	Fixe	d Tariff				Volume	Charges												ient			
			Block De	finition 1 KI	Block Definit	tion 2 KI	Block Def	inition 3 KI			L L	ASSESSMENT	~					le	Growth & Development	ASSESSMENT	~ =	
		1	per mont	n from: 0Kl	per month fre	om: 6Kl	per mor	th from:		finition 4 Kl from: >51Kl	ASSESSMENT	INS	place?		Short (1) edium (3		Р.	Higher Level	eve	IWS.	In place? Sufficient	
	Current	Previous		6KI	to 30ł	KI	31KI t	o 50Kl	permonan		SES	SES	lq nl		Long (5))	RDP	gher	& D	SES	In pl	
	Current	11001000									AS	AS			None			Ĩ	wth	AS		
uality: Information Accuracy Assessment	Year	Year	Current	Previous	Current F	Previous	Current	Previous	Current	Previous									Gro			
· · ·	2015	2014												1	3 5	Ν	*	*	*			
uantity: Assessment of Information Completeness					Y / N /	/ NA					%	%			Y / N	/ NA				%	Y / N	
0.3.2 Industrial	Values		en in R	kl for C	urrent and	Previo	us Finar	ncial Yea	ars													
Water Industrial	237.42	223.98									80	80										
	209.8	197.93									80	80										



opic 10: Financial Profile Enabling Factors																					
					(Complia	nce								Needs	Dev	elop	men	nt Pla	an	
						Status Q							Futi		lan (to a						Strate
															Frame		ifficie				
	Fixed	Tariff				Volume	e Charges														
		1 cm	Block Def	inition 1 Kl	Block Def	finition 2 KI	Block Def	inition 3 KI			Ł	Ł					ē	Growth & Development	Į		
				n from: 0KI				nth from:		finition 4 Kl from: >51Kl	N.	NE I	ice?	Sho		٩.	Lev	evel	WE	ice?	cient
	Current	Previous	to	6KI	to	30KI	31KI 1	to 50Kl	permonan	110111. >0114	ASSESSMENT	ASSESSMENT	In place?	Long	um (3) n (5)	RDP	Higher Level	۵ ۵	ASSESSMENT	In place?	Sufficient
	ourion	1 1001000									ASS	ASS	-		ne		Ξ	ţ	ASS	-	0
Quality: Information Accuracy Assessment	Year	Year	Current	Previous	Current	Previous	Current	Previous	Current	Previous								Gro			
· · ·	2015	2014											1	3	5 N	*	*	*			
Quantity: Assessment of Information Completeness					Y /	N / NA					%	%		1	Y/N/N		_		%	Y	/ N
0.3.3 Commercial	Values	o be giv	en in R /	kl for Cu	urrent ar	nd Previo	ous Finai	ncial Yea	irs												
Water Commercial	237.42	223.98									80	80									
Sanitation Commercial	209.8	197.93									80	80									
						Status Q	uo								olan (to					S	Strate
						Volume	e Charges						Т	ime I	Frame	Su	Ifficie				
	Fixed	Tariff				, orani	, onlargee											Development			
			Block Def	inition 1 Kl	Block Def	finition 2 KI	Block Def	inition 3 KI			T.	LU I	~				vel	lopn	L	~	÷
			per month	n from: 0Kl	per month	h from: 6Kl	per mor	nth from:		finition 4 Kl from: >51Kl	SME	ASSESSMENT	place?		rt (1) um (3)	RDP	Higher Level	eve	ASSESSMENT	In place?	Sufficient
	Current	Previous	to	6KI	to	30KI	31KI 1	to 50Kl	por monar	nition 4 KI from: >51KI	SES	SES.	lq n	Lon		R	ghei	٥ð	ш	n pla	Suffi
											ASS	ASS	_		ne		Ĩ	Growth	ASS	_	
Quality: Information Accuracy Assessment	Year	Year	Current	Previous	Current	Previous	Current	Previous	Current	Previous								Gro			
Quantity: Assessment of Information Completeness	2015	2014											1	3	5 N	*	*	*			
																					/ N
additing. Assessment of mormation completeness					Y /	N / NA	4				%	%			Y / N / N	IA			%	Y	/ 11
	Values	o be giv	en in R /	kl for Cu			ous Final	ncial Yea	irs		%	%			Y/N/N	A			%	Y	/ 11
0.3.4 Other	Values 1 68.78	0	<mark>en in R /</mark>	kl for Cu			ous Final	ncial Yea	I <mark>rs</mark>		80	80			Y / N / N	IA			%	Y	
0.3.4 Other //ater		_	<mark>en in R /</mark>	kl for Cu			ous Finai	ncial Yea	I <mark>rs</mark>						Y/N/N	A			%	Y	
0.3.4 Other /ater anitation	68.78	0	<mark>en in R /</mark>	kl for Cu			ous Finai	ncial Yea			80 80	80 80			Y / N / N	A				Y	
0.3.4 Other /ater anitation ub Topic 10.3 Compliancy & Needs Development Plans Assessment	68.78 104.9	0 98.96			urrent ar	nd Previc		ncial Yea			80 80 74%	80 80 74%			Y / N / N				0%		
0.3.4 Other /ater anitation ub Topic 10.3 Compliancy & Needs Development Plans Assessment 0.4 Free Basic Services	68.78 104.9	0 98.96 a Free E	Basic Se	vices Po	urrent ar	nd Previc	/ N): Y		Irs		80 80	80 80 74%			Y / N / N					Y	
0.3.4 Other /ater anitation ub Topic 10.3 Compliancy & Needs Development Plans Assessment 0.4 Free Basic Services 0.4.1 Subsidy Targeting Approach	68.78 104.9	0 98.96	Basic Se	rvices Pc	urrent ar	Place (Y % of H	<mark>/ N): Y</mark> Targeted:	Sanitation		11.01	80 80 74% 100	80 80 74% 100			Y / N / N					Y	
0.3.4 Other Vater	68.78 104.9 Is there % of H	0 98.96 a Free E	Basic Se		urrent ar	nd Previc	/ N): Y		IFS	11.01	80 80 74%	80 80 74%			Y / N / N					Y	
0.3.4 Other /ater anitation ub Topic 10.3 Compliancy & Needs Development Plans Assessment 0.4 Free Basic Services 0.4.1 Subsidy Targeting Approach ising block tariff ervice level targeting	68.78 104.9 Is there % of H	0 98.96 a Free E	Basic Se	rvices Pc	urrent ar	Place (Y % of H	<mark>/ N): Y</mark> Targeted:	Sanitation		11.01	80 80 74% 100	80 80 74% 100			Y / N / N					Y	
0.3.4 Other /ater anitation ub Topic 10.3 Compliancy & Needs Development Plans Assessment 0.4 0.4.1 Subsidy Targeting Approach ising block tariff ervice level targeting Credits to Water account Credits to Water account	68.78 104.9 Is there % of H N/A N/A	0 98.96 a Free E	Basic Se	rvices Pc	urrent ar	Place (Y % of H	<mark>/ N): Y</mark> Targeted:	Sanitation		11.01	80 80 74% 100	80 80 74% 100			Y / N / N						
0.3.4 Other Vater	68.78 104.9 Is there % of H N/A N/A N/A	0 98.96 a Free E	Basic Se	rvices Pc	urrent ar	Place (Y % of H	<mark>/ N): Y</mark> Targeted:	Sanitation		11.01	80 80 74% 100	80 80 74% 100			Y / N / N					Y	
0.3.4 Other /ater	68.78 104.9 Is there % of H N/A N/A	0 98.96 a Free E	Basic Se	rvices Pc	urrent ar	Place (Y % of H	<mark>/ N): Y</mark> Targeted:	Sanitation		11.01	80 80 74% 100 80	80 80 74% 100 80 80			Y / N / N						
0.3.4 Other /ater anitation ub Topic 10.3 Compliancy & Needs Development Plans Assessment 0.4 0.4.1 Subsidy Targeting Approach ising block tariff ervice level targeting Credits to Water account	68.78 104.9 Is there % of H N/A N/A N/A 21 998	0 98.96 a Free E	Basic Se	rvices Pc	urrent ar	Place (Y % of H	<mark>/ N): Y</mark> Targeted:	Sanitation		11.01	80 80 74% 100 80 80 40	80 80 74% 100 80 80 80 40									

	Joe Gqabi District municipality														WSI	OP 2	015		
10													Тор	ic 1	0: F	inan	icial	Pro	file
	Enabling Factors			Comp	liance						Need								
				-	s Quo					Future p								rateg	JV
											Fram				t for			Ì	
	WATER	Url	ban	Rı	ıral	TOTAL	ASSESSMENT	ASSESSMENT	In place?	Med Lo	ort (1) ium (3) ng (5) lone		RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
	ces available to perform function? , No: N, Not Applicable: NA):														Gro				
	ty: Information Accuracy Assessment																		
		Current	Previous	Current	Previous					1 3	5	Ν	*	*	*				
Quai	tity: Assessment of Information Completeness						%	%			Y / N /					%	Υ/	N	%
10.5	Metering, Billing & Income																		
* 10.5	1 Residential: Water																		
	Supplied	13 380																	
* Mete		0																	
* Billeo		R 58.94																	
	letered	735																	
	ne Received %	0																	
^ INON	Payment %	0																	
10.5.2	Industrial & Commercial: Water																		
Units S	upplied	209																	
Metere	d %	0.00																	
Billed ^o	6	R 113.95																	
Not Me	tered	0																	
Incom	Received %	0																	
Non P	iyment %	0																	
Comn				I					1 1						l.				
8	SALGA						* BAS	ELINE	E INFC	RMATION	I: COM	PULSC	DRY F	FIELD	S				32

Joe Gqabi District municipali	ty										WS	SDP 2	2015				
Topic 10: Financial Profile																\mathbb{Z}	10
Enabling Factors			Com	oliance						Needs	Deve	lopm	nent l	Plan			
			Statu	is Quo					Future	plan (to a						rateg	Y
									Time	Frame	Suf	ficien	nt for				
SANITATION	Ur	ban	Rı	ıral	TOTAL	ASSESSMENT	ASSESSMENT	Short (1) Medium (3) Long (5) None			RDP	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
Resources available to perform function? (Yes: Y, No: N, Not Applicable: NA):													Gro				
Quality: Information Accuracy Assessment					-												
	Fixed	Value	Fixed	Value					1 3	5 N	*	*	*				
Quantity: Assessment of Information Completeness	Charge	Charge	Charge	Charge		%	%			Y/ N / NA				%	У/	N	%
* 10.5.3 Residential: Sanitation	10.00		1	1								1					
* Units Supplied * Metered %	10 537																
* Billed %	R 98.96																_
* Not Metered	0																
* Income Received %	0																
* Non Payment %	0)															
10.5.4 Industrial & Commercial: Sanitation																	_
Units Supplied	234																
Metered %	231												<u> </u>		II		
Billed %	R 108.95																
Not Metered	0																
Income Received %	0																
Non Payment %	0																
Sub Topic 10.5 Compliancy & Needs Development Plans Assessment						0%	0%					-		0%			0%
Comments																	
									* B/	SELINE INFC	RMATI	ON: CO	OMPUL	SORY	FIELDS		33

Joe Gqabi District municipality				DP 20		
8			Topic 10			rofile
Enabling Factors Compliance			Needs Developmer			
Status Quo			Future plan (to address issues)	Strate	gy
OVERALL TOPIC ASSESSMENT	ASSESSMENT	ASSESSMENT		ASSESSMENT		ASSESSMENT
Quality: Information Accuracy Assessment Quantity: Assessment of Information Completeness						
Quantity. Assessment of miorination completeness						
10.1.2 CAPITAL EXPENDITURE	0%	0%				
10.2 OPERATION & MAINTENANCE BUDGET	0%	0%				
10.3 TARIFF & CHARGES 10.4 FREE BASIC SERVICES		74% 43%				
10.5 METERING, BILLING, INCOME & SALES	43%	43%				
	070	070				
Comments						
			NEEDS DEVELOPMENT PLA		SSMENT	
			Future plan	0%		00/
			l	Strate	gy	0%
			OVERALL QUALITY ASSESSMENT			23%
			OVERALL QUANTITY ASSESSMENT			23%
SALGA			* BASELINE INFORMATION: COMPULS	ORY FIE	LDS	34

Joe Gqabi District municipality																WSD	P 201	5		
Topic 11: Water Services Institutional Arrangements Pro	file																			11
Enabling Factors						С	omr	oliar	nce				N	leeds D	evelo	pmen	t Plar			
WSA functions and outputs								ıs Qı				Future		n (to add					Strate	;gy
												Time	Frar	me S	ufficie	nt for				
Resources available to perform function? (Yes: Y, No: N, No	ot Applicable:	NA):		Policy in Place	Budget	Personnel	Gazetted	Council approved	ASSESSMENT	ASSESSMENT	In place?	Medi Lon	ort (1) um (3 ig (5) one	3) 6	Higher Level	Growth & Development	ASSESSMENT	In place?	Sufficient	ASSESSMENT
Quality: Information Accuracy Assessment								0				1 3	5	N *	*	*				
Quantity: Assessment of Information Completeness					Y	/ N /	NA		%	%			Y	/ N / NA			%	Y,	'N	%
11.1 General Functions																				
* 11.1.1 Policy development																				
* Indigent Policy				Y				Y	80	80	Y			Y			60	Y		60
* Free basic water policy (including equitable share)				Y			<u> </u>	Y	80	80	Y		1	Y			60	Y		60
* Free basic sanitation policy				N					80	80	Y			Y			60	Y	N	60
* Procurement policy				Y	-				60	60	Y			Y			60	Y		60
* Credit control & debt collection policy				Y					60	60	Y			Y			60	Y		60
* 11.1.2 Regulation and tariffs						-	1		72%				-				60%			60%
* Water Services bylaws with conditions as required by the Water Services Act				Dra					60	60	Y			Y			60	Y		60
* Mechanisms to ensure compliance with bylaws				Lim					60	60	Y			Y			60	Y		60
* Tariff structure				ted Y		<u> </u>			60	60	Y			Y			60	Y		60
* Tariffs promulgated				Y					60	60	Y			Y			60	Y		60
11.1.3 Infrastructure development (projects)						-			60%	60%			-				60%			60%
Mechanisms to undertake project / feasibility studies					Y	Y			20	20	Y									
Criteria for prioritising projects				Y			N		20	20	Y									
Mechanisms to assess and approve project business plans				Y	Y	Y	Y		20	20	Y									
Mechanisms for selecting, contracting, managing and monitoring implementing agen	ts			Y	Y	Y	Y		20	20	Y									
Mechanisms to monitor project implementation					Y	Y			20	20	Y									
11.1.4 Performance management and monitoring									20%	20%							0%			0%
Performance management systems				N	Y	N	N	Ν	20	20	Ν						070			07
Water service monitoring and evaluation (M&E) system				Y	Y	Y	Ν	Ν	20	20	N									
11.1.5 WSDP				1			1		20%								0%			0%
WSDP information system Ye	s: X	No	:						20	20	Y						0.70			
Mechanisms to monitor and report on WSDP implementation Ye		No	:						20	20	Y		1							
Mechanisms for stakeholder participation Ye	s:	No	: X						20	20	Y		1							
									20%				1	<u> </u>	1		0%			0%
SALGA												* E	BASE	LINE INFO	RMATIO	N: COM	PULSO	RY FIE	LDS	35

Topic 11: Water Services Institutional Arrangements Profile

Water Services Providers	* Name of Provider	* Contract type	Staffing Levels Appropriate	* % Consumers served by
2.1 Water Service providers (retail water)				WSP
2.2 Water service providers (senitation)	Joe Gqabi District Municipality	WSA		100%
	Joe Gqabi District Municipality	WSA		100%
.3 Water service providers (bulk water)	Joe Gqabi District Municipality	WSA		100%
4 Water service providers (bulk sanitation)	Joe Gqabi District Municipality	WSA		100%
5 Support service agents (water)	NA			
6 Sanitation Promotion agent	Joe Gqabi District Municipality	WSA		100%
7 Support service contracts	NA			
2.8 Water service institutions	Joe Gqabi District Municipality	WSA		100%
2.9 WSP staffing levels: water	Joe Gqabi District Municipality	WSA		100%
2.10 WSP staffing levels: sanitation	Joe Gqabi District Municipality	WSA		100%
11 WSP training programme	Joe Gqabi District Municipality	WSA		100%
Topic 11.2 Compliancy & Needs Development Plans Assessment ments		0% 0%		
	11.1.1 POLICY DEVELOPMENT	72% 729	6 Future plan	
	11.1.1 POLICY DEVELOPMENT 11.1.2 REGULATION AND TARIFFS 11.1.3 INFRASTRUCTURE DEVELOPM 11.1.4 PERFORMANCE MANAGEMEN 11.1.5 WSDP 11.2 BULK AND RETAIL FUNCTIONS	72% 729 60% 609 1ENT (PROJECTS) 20% 209	6 Future plan	20%
	11.1.2 REGULATION AND TARIFFS11.1.3 INFRASTRUCTURE DEVELOPM11.1.4 PERFORMANCE MANAGEMEN11.1.5 WSDP	72% 72% 60% 60% 1ENT (PROJECTS) 20% 20% 7 AND MONITORING 20% 20% 20% 20% 20%	6 Future plan	20% Strategy

Quantity: Assessment of Information Completeness Y/N % Y/N <th< th=""><th>Joe Gqabi District municipality</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>v</th><th>VSDP</th><th>2015</th><th></th><th></th><th></th></th<>	Joe Gqabi District municipality												v	VSDP	2015			
Number of consumer rots Status Curve Fund Hower rots Status Curve Fund Hower rots Status Curve The Fund Status Curve	Topic 12: Social & Customer Service Requirements																	17
Rescuese analysis to genime framework Utten Headeholds Rurd Households Rurd Households <td>Enabling Factors</td> <td></td> <td></td> <td>(</td> <td>Complia</td> <td>псу</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Need</td> <td>ls De</td> <td>velop</td> <td>ment</td> <td>Plan</td> <td></td> <td></td>	Enabling Factors			(Complia	псу						Need	ls De	velop	ment	Plan		
Processes weights to profee minimize Profee minimize Processes weights to profee minimize Profee mini					Status Q	uo					Futu	re plan (te	o addr	ess iss	sues)		Stra	ategy
Butter HouseHold During HouseHold <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3)</td></th<>																		3)
Number Number Of Number O											TITIC		0					
Number Number Of Number O		Ur	ban Househo	lds	Ru	ral Househo	olds	ASSESSMENT	ASSESSMENT	In place?	Mec Lo	dium (3) ong (5)	RDP	Higher Level	th & Development	ASSESSMENT	In place?	ASSESSMENT
Quantity: Assessment of Information Completeness Y/N % % Y		Sudget	rysical sources	rsonnel	sudget	rysical sources	rsonnel									'		
Classification Y/N V/N V/N V/N 12.11 Resources available to Perform this Function: Water & Sanitation N<	Quality: Information Accuracy Assessment	ш	ReP	Ъе	ш	ReP	Ъ				1 3	3 5 N	*	*	*			
12.1.1 Attending to Complaints for Water N </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>%</td> <td>%</td> <td></td> <td></td> <td>Y / N</td> <td></td> <td></td> <td></td> <td>%</td> <td>Y / N</td> <td>%</td>								%	%			Y / N				%	Y / N	%
11.12 Attending to Complaints for Sanitation N <th< td=""><td>12.1 Resources available to Perform this Function: Water & Sanitation</td><td></td><td></td><td>Y/N</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	12.1 Resources available to Perform this Function: Water & Sanitation			Y/N														
12.13 Attending to Complaints for PitTrank Pumping N				Ν	Ν	Ν	N											
Sub Topic 12.1 Complianty & Needs Development Plans Assessment Number of consumer units 35 006 44 754 60 <th< td=""><td>12.1.2 Attending to Complaints for Sanitation</td><td></td><td></td><td></td><td></td><td>Ν</td><td>N</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	12.1.2 Attending to Complaints for Sanitation					Ν	N											
12.2.1 Vumber of complaints for Water Number of complaints received within the year NA NA NA NA 60		Ν	N	Ν	Ν	Ν	N	40	40									
12.21 Total number of consumer units 35 006 44 754 60 60 6								40%	40%							0%		0%
12.2.2 Number of queries/complaints received within the year N/A N/A N/A N/A A		r		nber Of:	-													
12.2.3 % Queries responded to within 24 hours N/A <																		
12.2.4 Number of major or visible leaks reported within the year N/A N/A N/A 60 60 0																		
12.2.5 % Major or visible leaks repaired within 48 hours after being reported N/A N/A N/A N/A B0																		
************************************	12.2.4 Number of major or visible leaks reported within the year		N/A			N/A		60	60									
year N/A			N/A			N/A		60	60									
12.2.7 Number of consumers receiving flow rate of less than 10 litres per minute N/A			N/A			N/A		60	60									
Sub Topic 12.2 Compliancy & Needs Development Plans Assessment 60% 60% 60% 0%			NI/A			NI/A		60	60				_					
12.3 Attending to Complaints for Sanitation: Discharge to Treatment Works Number Of: 12.3.1 Total number of consumer units 35 006 760 60 <td></td> <td></td> <td>IN/A</td> <td></td> <td></td> <td>IN/A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>00/</td> <td></td> <td>00/</td>			IN/A			IN/A										00/		00/
12.3.1 Total number of consumer units 35 006 760 60			Nun	bor Of				60%	60%							0%		0%
12.3.2 Number of queries/complaints received within the year N/A N/A N/A 60 60 0		1		iber Or.		760		60	60						1		1	
12.3.3 % Queries responded to within 24 hours N/A N/A N/A N/A 60																		
12.3.4 Number of blockages reported within the year N/A N/A N/A N/A 60																		
12.3.5 % Blockages repaired within 48 hours after being reported N/A N/A N/A 60 60 0										-								_
* 12.3.6 Number of consumers experiencing greater than 7 days interruption in supply per year N/A N/A N/A 60													_					_
supply per year N/A N/A N/A 60 6			IN/A			N/A		60	60				+					_
12.3.7 Sanitation promotion and health and hygiene awareness N/A N/A 60 0			N/A			N/A		60	60									
12.4 Attending to Complaints for Sanitation: Pit/Tank Pumping Number Of: 12.4.1 Number of pits/ tanks N/A N/A N/A 60 60 Image: Complaints for Sanitation: Pit/Tank Pumping 12.4.1 Number of pits/ tanks N/A N/A N/A 60 60 Image: Complaints for Sanitation: Pit/Tank Pumping 12.4.2 Number of calls received within the year for emptying N/A N/A N/A 60 60 Image: Complaints for Sanitation: Pit/Tank Pumping Image: Complaint For Sanitation: Pit/Tank Pumping Image: Complaint For Sanita			N/A			N/A		60	0									
12.4 Attending to Complaints for Sanitation: Pit/Tank Pumping Number Of: 12.4.1 Number of pits/ tanks N/A N/A N/A 60 60 Image: Complaints for Sanitation: Pit/Tank Pumping 12.4.1 Number of pits/ tanks N/A N/A N/A 60 60 Image: Complaints for Sanitation: Pit/Tank Pumping 12.4.2 Number of calls received within the year for emptying N/A N/A N/A 60 60 Image: Complaints for Sanitation: Pit/Tank Pumping Image: Complaint For Sanitation: Pit/Tank Pumping Image: Complaint For Sanita	Sub Topic 12.3 Compliancy & Needs Development Plans Assessment							60%	51%		I	_ L _ L				0%		0%
12.4.2 Number of calls received within the year for emptyingN/AN/A606	12.4 Attending to Complaints for Sanitation: Pit/Tank Pumping		Numl	per Of:														
12.4.3 Number of calls received within the year for emergency maintenance to pits/ tanksN/AN/A60 <td>12.4.1 Number of pits/ tanks</td> <td></td> <td></td> <td></td> <td></td> <td>N/A</td> <td></td> <td>60</td> <td>60</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	12.4.1 Number of pits/ tanks					N/A		60	60									
12.4.3 Number of calls received within the year for emergency maintenance to pits/ tanksN/AN/A60 <td>12.4.2 Number of calls received within the year for emptying</td> <td></td> <td>N/A</td> <td></td> <td></td> <td>N/A</td> <td></td> <td>60</td> <td>60</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	12.4.2 Number of calls received within the year for emptying		N/A			N/A		60	60									
12.4.5 % Pits/tanks pumped within 48 hours of being reported N/A N/A 60 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						N/A			60									
Sub Topic 12.4 Compliancy & Needs Development Plans Assessment 60% 60% 0% 0%			N/A			N/A												
	Sub Topic 12.4 Compliancy & Needs Development Plans Assessment							60%	60%							0%		0%

Joe Gqabi District municipality	WSDP 2015
12	Topic 12: Social & Customer Service Requirements
OVERALL TOPIC ASSESSMENT	NEEDS DEVELOPMENT PLAN ASSESSMENT
12.1 RESOURCES AVAILABLE TO PERFORM THIS FUNTION 12.2 ATTENDING TO COMPLAINTS FOR WATER 12.3 ATTENDING TO COMPLAINTS FOR SANITATION: DISCHARGE TO TREATMENT WORKS 12.4 ATTENDING TO COMPLAINTS FOR SANITATION: PIT/TANK PUMPING	40% 40% 60% 60% 60% 51% 60% 60%
	OVERALL QUALITY ASSESSMENT 55% OVERALL QUANTITY ASSESSMENT 53%
Comments	



39A	Joe Gqabi District municipalit	у		WSDP 2015
Topic 13: Needs Development Plan				, t
LIST OF PROJECTS				
Description		Program type	Wa	rds
Project Name	Project Number	Autonumber Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Wards Location of Project	Wards Benefit
Salga				

Joe Gqabi District municipality WSDP 2015 Topic 13: Needs Develor 39A n 13 LIST OF PROJECTS Total Allocation Tot1112 Tot1213 Tot1314 Tot1415 Tot1516 Tot1617



39A	Jo	e Gqabi District municipalit	у		WSDP 2015
Topic 13: Needs Development	t Plan				13
LIST OF PROJECTS					
	Description		Program type Autonumber	Wards Locati	on of Project
Project Name		Project Number	Water Internal Bulk Water Regional Bulk Water Reticulation Water Treatment Works Sanitation Services Housing	Wards Location of Project	Wards Benefit

WSDP 2015

Joe Gqabi District municipality

Topic 13: Needs Develop 39B n

LIST OF PROJECTS												
Total Allocation												
Tot1112	Tot1213	Tot1314	Tot1415	Tot1516	Tot1516 Tot1617							
SALGA												

13

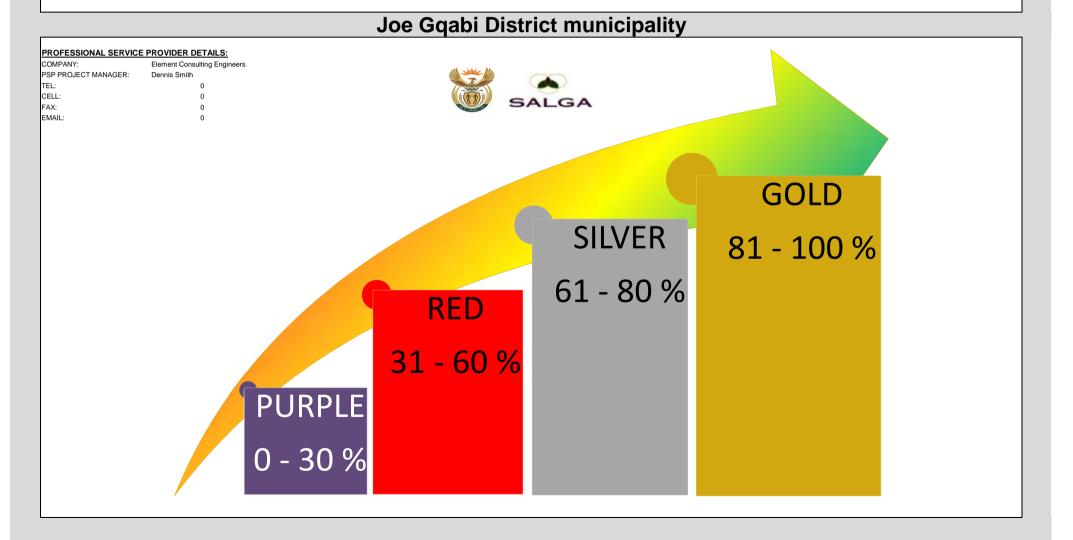
Joe Gqabi District municipality WSDP 2015 ic 14: Reporting								
Joe	Gqabi District municipality							
orti	ng and assessment documents status							
	Documents	Previous Reference date	Included in current WSDP version module 4	Current WSDP version module 4 submission dat				
1	IDP checklist framework version 2.4:							
2	DWA Regulatory Performance Management System (RPMS)							
3	WSA Checklist April2005							
4	Blue Drop 20 Assessment							
5	Green Drop 20 Assessment							
6	Water Conservation & Demand Management							
	1	Options	Options					
		In process	Not included					
		Not existing	Included (not complete)					
		Completed	Included (complete)					
		Completed & Submitted						
		Needs review						
	eral Comments	Completed						

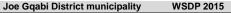


WSDP

WSDP Status Quo Knowledge Interpretation Report

Overall Water Services Planning Status Bar Legend

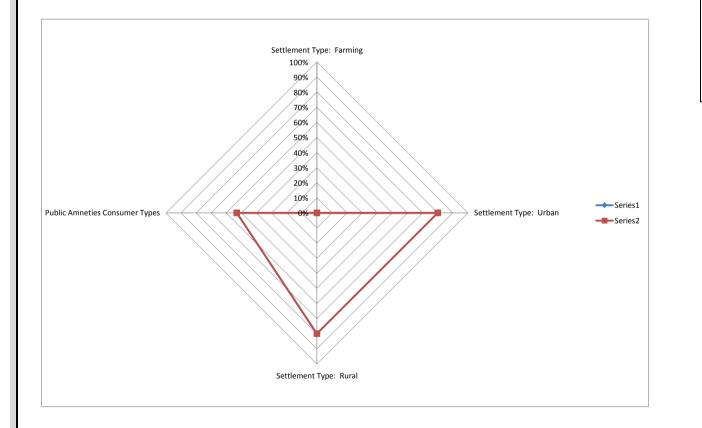




WSDP Status Quo Knowledge Interpretation Report: Demographics Profile (Topic 2)

Assessment									
Quality	Quantity								
SERIES 1	SERIES 2								
0%	0%								
80%	80%								
80%	80%								
53%	53%								

53%	53%



Service Levels Profile Average Total 53%

Water Service Planning Status Bar Legend

PURPLE

) - 30 %



Settlement Type: Farming

Settlement Type: Urban

Settlement Type: Rural Public Amneties Consumer Types

	Joe Gqabi District municipality	WSDP 2015
WSD	P Status Quo Knowledge Interpretation Report: Demographics Profile (Topic 2)	
<u>Topi</u>	ic 2 - WSDP Strategic Interpretation Report	
Stra	ategic Interpretation, Implications and Solutions Derived from Spider Diagram	
Settle	ement Type: FARMING	
	Interpret Situation Assessment:	
	Define	
	List Possible Projects:	
Settle	ement Type: URBAN	
	Interpret Situation Assessment:	
	Define	
	List Possible Projects:	
Settle	ement Type: RURAL	
	Interpret Situation Assessment:	
	Define Strategy:	
	List Possible Projects:	
Publi	c Amneties Consumer Types	
	Interpret Situation Assessment:	
	Define Strategy:	
	List Possible Projects:	
8	SALGA	н



CATEGORY 7 - INFRASTRUCTURE UPGRADE, EXTENSION & REFURBISHMENT

CATEGORY 7 - INFRASTRUCTURE UPGRADE, EXTENSION & REFURBISHMENT

CATEGORY 6 - O&M NEED

CATEGORY 6 - O&M NEED

SALGA

3

CATEGORY 4 - NO SERVICES (INFORMAL)

CATEGORY 4 - NO SERVICES (INFORMAL)

3.3 RESIDENTIAL, PUBLIC INSTITUTIONS AND INDUSTRIES

Quantity

SERIES 2

80%

80%

80%

80%

80%

80%

80%

80%

40%

76%

Future Plan

Assessment

SERIES 3

80%

80%

80%

80%

60%

80%

80%

80%

6%

70%

Assessment

Quality

SERIES 1

60%

60%

60%

80%

80%

80%

80%

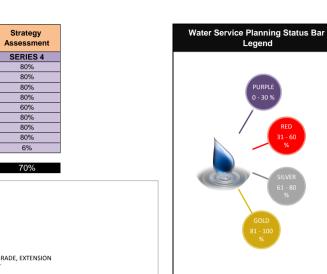
80%

40%

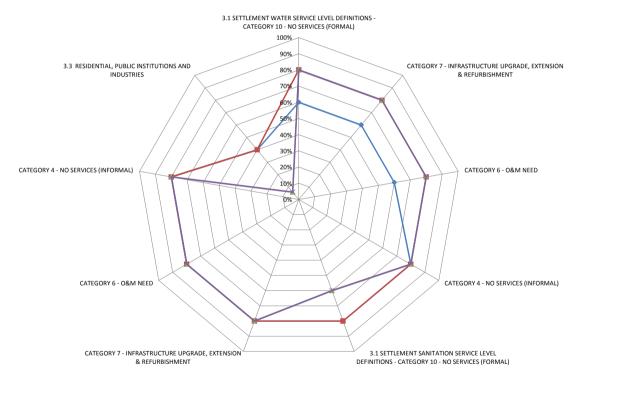
69%

3.1 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS - CATEGORY 10 - NO SERVICES (FORMAL)

3.1 SETTLEMENT SANITATION SERVICE LEVEL DEFINITIONS - CATEGORY 10 - NO SERVICES (FORMAL)

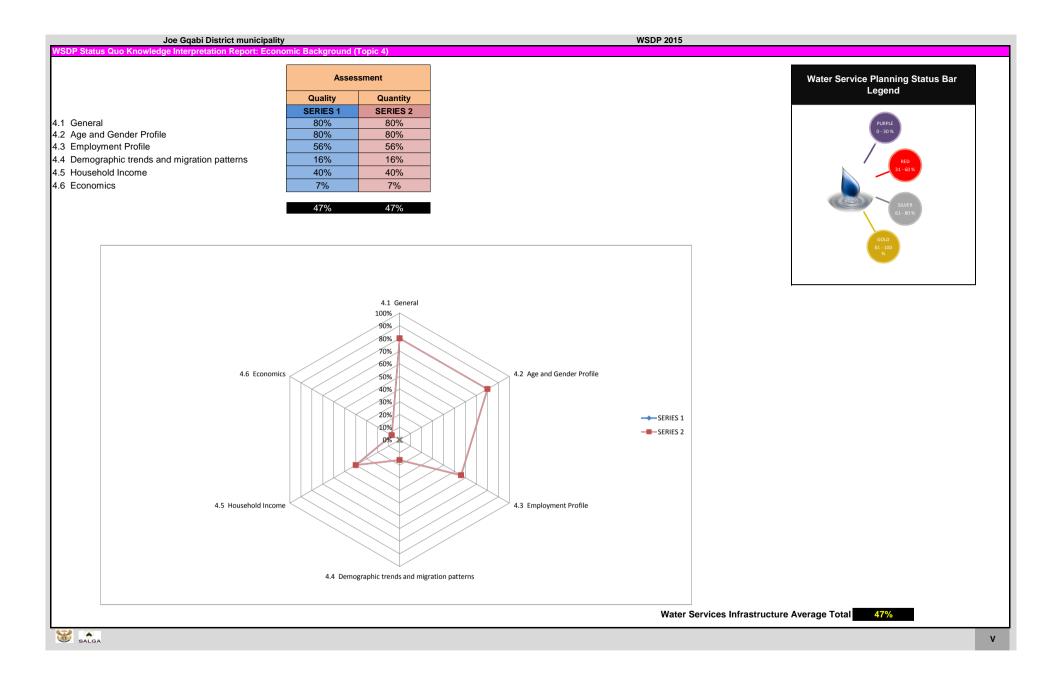


----Series1



Service Levels Profile Average Total 71%

Joe Gqabi District municipality WSD WSDP Status Quo Knowledge Interpretation Report: Service Levels Profile (Topic 3)											
Topic 3 - WSDP Strategic Interpretation Report											
Strategic Interpretation, Implications and Solutions Derived from Spider Diagram											
3.1 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS: WATER FORMAL											
Assessment Assessment											
c daj renerativos											
Aasse											
Define Strategy:											
List Projects:											
32 SETTLEMENT WATER SERVICE LEVEL DEFINITIONS: WATER INFORMAL											
hierprot Stuation Ass eesment:											
senting to the senting of the sentin											
Start and Sta											
Define Strategy.											
Star Star											
<u> </u>											
lects:											
Projects:											
3.2 SETTLEMENT SANITATION SERVICE LEVEL DEFINITIONS: SANITATION FORMAL											
and the second se											
Interpret Stutation Assessment:											
<											
. KGe											
Define Strategy											
and the search of the search o											
Liet Possible Projects:											
3.2 SETTLEMENT SANITATION SERVICE LEVEL DEFINITIONS: SANITATION INFORMAL											
and the second se											
hiterpret Situation Assessment											
Strategy:											
List Projects:											
toje u julije u juli juli u juli juli u juli juli u juli juli u juli juli u juli juli juli u juli juli u juli juli u juli juli u juli juli u juli juli juli u juli juli juli juli juli juli juli jul											
(eg)											
Define Strategy:											
List Projects:											
Salga	IV										
SALGA	IV IV										



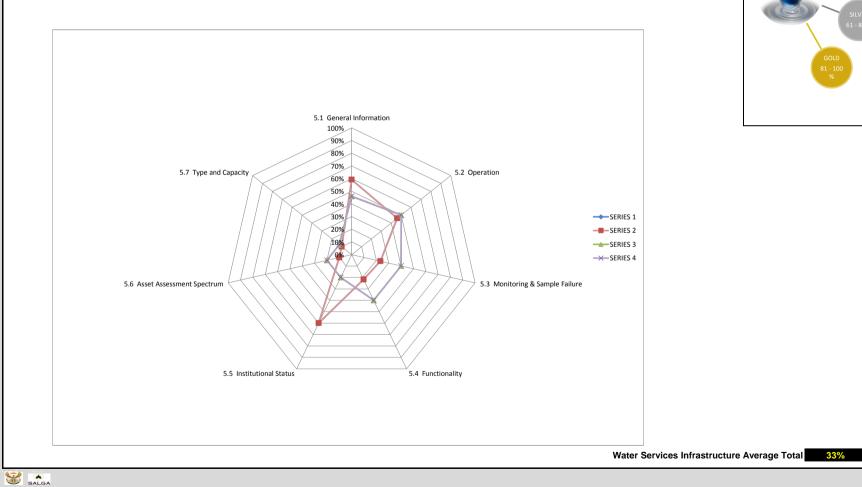
ible Strategy Situation 3 Pos	Interpret Situation Pos	Li Pos	ist ssible jects:	Define Strategy:	Interpret Situation Assessment:	List Possible Projects:	Define Strategy:	Interpret Situation Assessment:	List Possible Projects:	Define Strategy:	Interpret Situation Assessment:	4.3 Employment Projects:	Define Strategy:	4.2 Age and Gender Profile Situation Assessment:	List Possible Projects:	Define Strategy:	Interpret Situation Assessment:	Strategic Interpre	Topic 4 - WSDP Stra
									oppd minration patterns					ofile				tation, Implications	Topic 4 - WSDP Strategic Interpretation Report
																		and Solutions Deri	ort
																		Strategic Interpretation, Implications and Solutions Derived from Spider Diagram 4.1 General	
																		ıgram	
																			WSDP Status Quo Know
																			riedge Interpretation Report
																			: Economic Backgr

VSDP 2015

WSDP 2015

WSDP Status Quo Knowledge Interpretation Report: Water Services Infrastructure Profile (Topic 5)

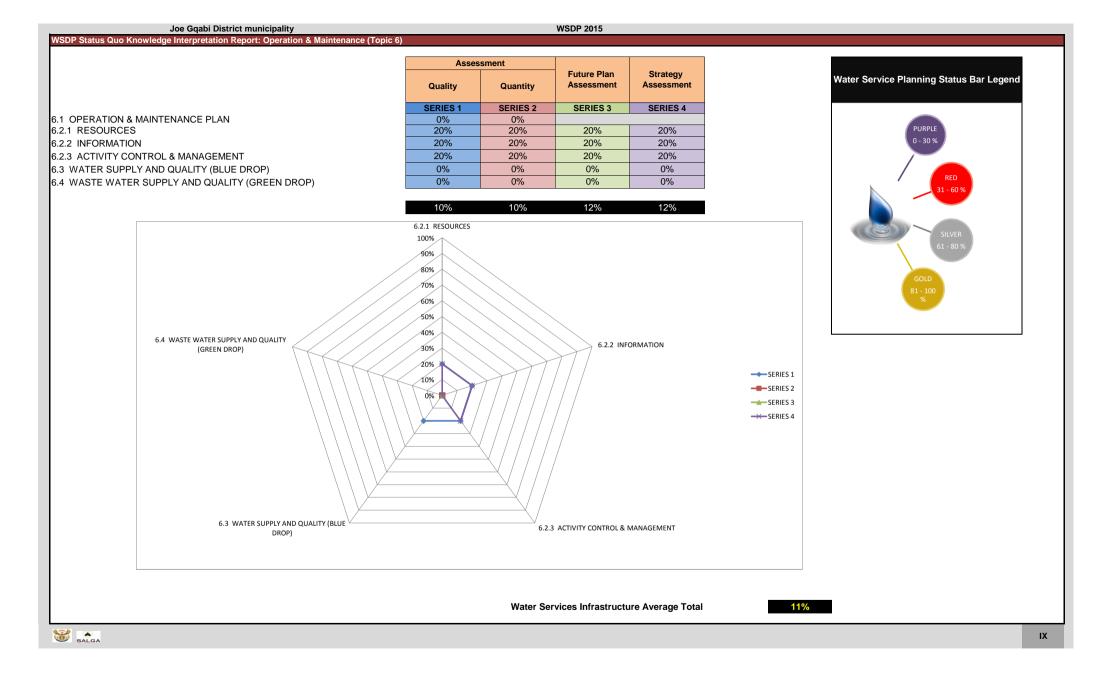
	Asse	ssment	Future Plan Assessment	Strategy Assessment	
	Quality	Quantity	Assessment		
	SERIES 1	SERIES 2	SERIES 3	SERIES 4	
5.1 General Information	59%	59%	46%	46%	
5.2 Operation	46%	46%	50%	50%	
5.3 Monitoring & Sample Failure	23%	23%	40%	40%	
5.4 Functionality	22%	22%	40%	40%	
5.5 Institutional Status	60%	60%	20%	20%	
5.6 Asset Assessment Spectrum	10%	10%	20%	20%	
5.7 Type and Capacity	10%	10%	13%	13%	
	000/		0.00/	0.00/	
	33%	33%	33%	33%	



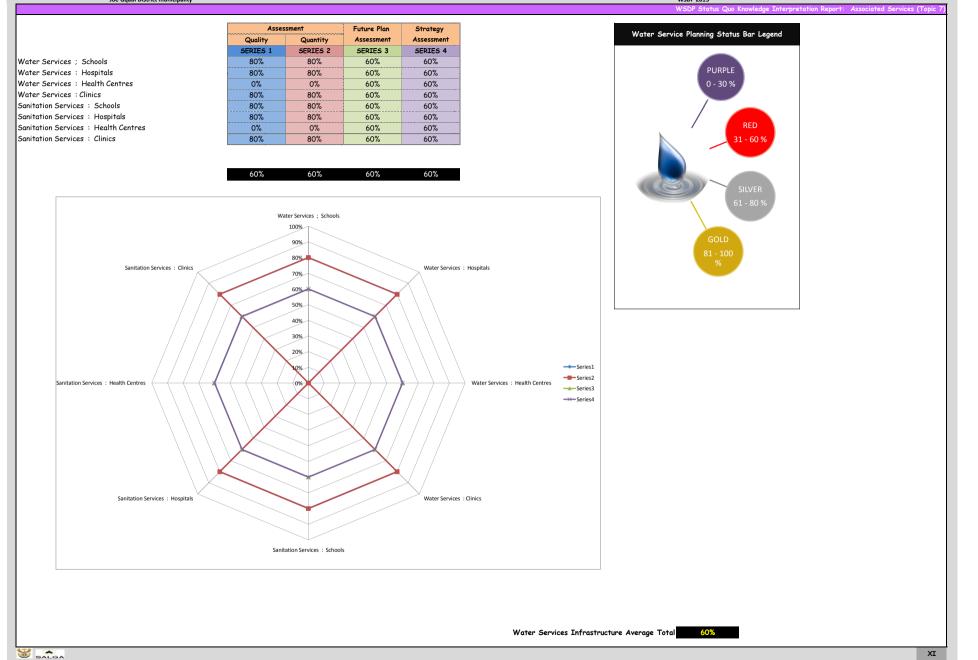
Water Service Planning Status Bar Legend

VII

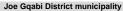
Topic 5 - WSDP Strategic Interpretation Report Strategic Interpretation, Implications and Solutions Derived from Spider Diagram 6.1 Generative Assessment	List Projecisi Define Strategy Image: Strategy Strategy	Assessment of the second secon	Define Strategy: A	List Projects:	Norma & Smole Failure	Define Strategy:	Projects:	Interpret Situation Assessment	Define Strategy:	List Projects:	Define Strategy:	A List Control of Cont		Define Strategy: Assess Asses Assess Assess Assess Asses	Results Define Margo Projects Strategy: Access Projects Strategy: Access Results Strategy: Acces	Interpret Statesormet. Proposts. Define Strategy: Interpret Strategy: Assessment. Proposts. Strategy: Assesse	Interpret Strategy: List Assessment Define Projects: Define Strategy: Interpret Assess Image: Strategy: Image: Strategy: S	List Prosibile Notation Projects Define Strategy: Interpret Assessment List Possbel Define Strategy: Interpret Assessment Image:



Joe Gqab District municipaliy WSDP Status Do	WSDP 2015 b Knowledge Interpretation Report: Operation & Maintenance (Topic 6)
Topic 6 - WSDP Strategic Interpretation Report	
Strategic Interpretation, Implications and Solutions Derived from Spider Diagram	
6.1 OPERATION & MAINTENANCE PLAN	
h brycet Suadonor Alasterarin	
- And - A	
ž	
Let Possible Pogedis	
621 RESOURCES	
h herpret Suueton Aasesament	
- Star	
Let Preside Projects	
a E	
6.2.2 INFORMATION	
h herport Suutatort Assessment	
and a second	
2 and 2 a	
and a set of the set o	
La i Possible Projectis	
82.3 ACTIVITY CONTROL & MANAGEMENT	
Suecon Andread Andre	
<u>ă</u>	
Let Possible Poyleds	
5.3 WATER SUPPLY AND QUALITY (BLUE DROP)	
Response Searcher	
Let Possbe Projects:	
84 WASTE WATER SUPPLY AND QUALITY (GREEN DROP)	
Response Support Allocation	
S IS N	
Let Possible Projects	
<u>5</u>	
S and	x
SALGA	*

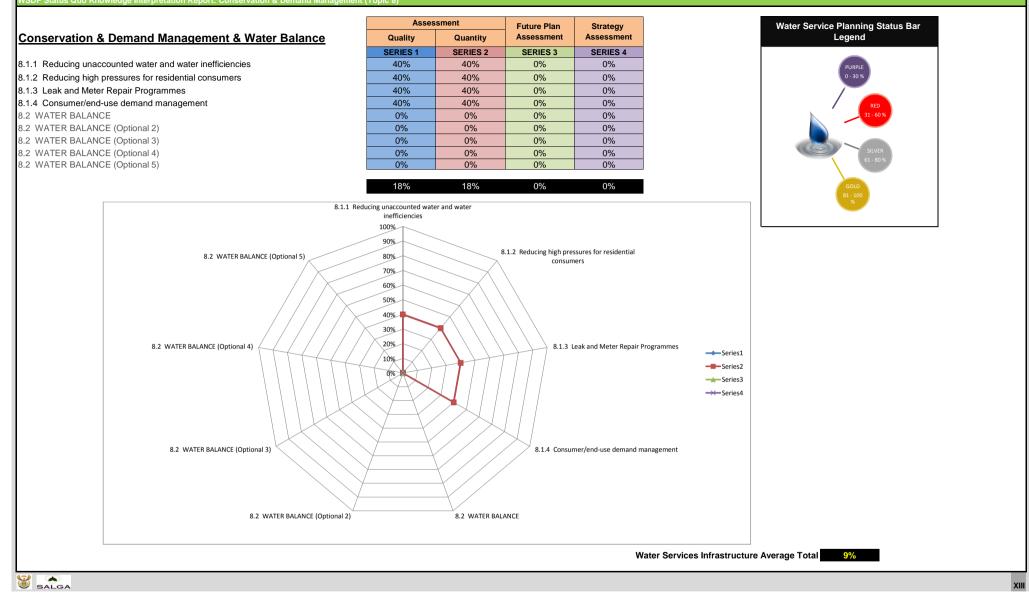


And Open Charles and Andreas and A Andreas and Andreas
Trace 7 - VVSDP Stratage: Interpretation Report
No series and ser
LuPpash
Les Possable Projects:
Let Possible
Autre Braneg



SDP Status Quo Knowledge Interpretation Report: Conservation & Demand Management (Topic 8)

WSDP 2015

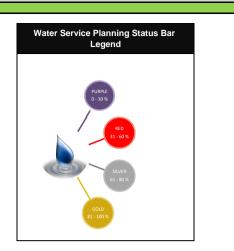


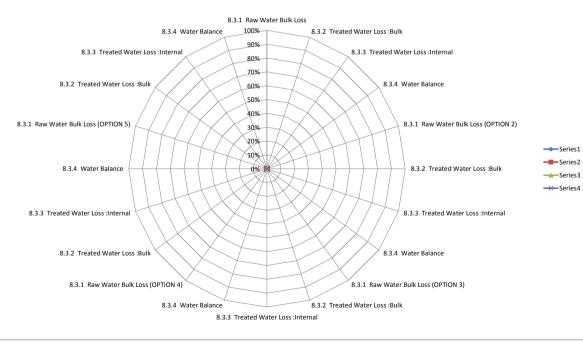
Joe Gqabi District municipality WSDP Status Guo Knowledge Interpretation Report: Conservation & Demand Management (Topic 8)	WSDP 2015
Topic 8 - WSDP Strategic Interpretation Report	
Strategic Interpretation, Implications and Solutions Derived from Spider Diagram	
8.1.1 Reducing unaccounted water and water inefficiencies	
5 G 5	
Nanyor Suanon Assertantes	
: ABee	
9	
List Possible Projects:	
Per	
8.1.2 Reducing high pressures for residential consumers	
Newprote Dataset	
Transition to the second se	
28-43 28-43	
2	
Poss	
<u>•</u>	
8.1.3. Lesk and Meter Repair Programmes	
biagora Suudon Ata searent:	
and and a set of the s	
: A Beere	
Star	
Define	
0	
disses	
Point Point	
Lia Posside Popos:	
8.1.4 Consumer/end-use demand management	
Baneral Baneral Alamanunti	
and the second se	
:	
e Ora	
Utel Phraitide Properties: Properties:	
des:	
P op P	
8.2 WATER BALANCE :	
Response Durante	
Transfer and the second s	
o quito	
Lear Powelse Defension	
nječes -	
8 ⁶	
8.2 WATER BALANCE (Optional 2):	
8.2 WATER BALANCE (Optional 3):	
0.2 WHER BALANCE (Optional 3):	
8.2 WATER BALANCE (Optional 4):	
8.2 WATER BALANCE (Optional 5):	
Salga	
- SALVA	AIV

Salga

WSDP Status Quo Knowledge Interpretation Report: Conservation & Demand Management (Topic 8)

	Asses	sment	Future Plan	Strategy	
Water Losses	Quality	Quantity	Assessment	Assessment	
	SERIES 1	SERIES 2	SERIES 3	SERIES 4	
8.3.1 Raw Water Bulk Loss	0%	0%	0%	0%	
8.3.2 Treated Water Loss :Bulk	0%	0%	0%	0%	
8.3.3 Treated Water Loss :Internal	0%	0%	0%	0%	
8.3.4 Water Balance	0%	0%	0%	0%	
8.3.1 Raw Water Bulk Loss (OPTION 2)	0%	0%	0%	0%	
8.3.2 Treated Water Loss :Bulk	0%	0%	0%	0%	
8.3.3 Treated Water Loss :Internal	0%	0%	0%	0%	
8.3.4 Water Balance	0%	0%	0%	0%	
8.3.1 Raw Water Bulk Loss (OPTION 3)	0%	0%	0%	0%	
8.3.2 Treated Water Loss :Bulk	0%	0%	0%	0%	
8.3.3 Treated Water Loss :Internal	0%	0%	0%	0%	
8.3.4 Water Balance	0%	0%	0%	0%	
8.3.1 Raw Water Bulk Loss (OPTION 4)	0%	0%	0%	0%	
8.3.2 Treated Water Loss :Bulk	0%	0%	0%	0%	
8.3.3 Treated Water Loss :Internal	0%	0%	0%	0%	
8.3.4 Water Balance	0%	0%	0%	0%	
8.3.1 Raw Water Bulk Loss (OPTION 5)	0%	0%	0%	0%	
8.3.2 Treated Water Loss :Bulk	0%	0%	0%	0%	
8.3.3 Treated Water Loss :Internal	0%	0%	0%	0%	
8.3.4 Water Balance	0%	0%	0%	0%	
	0%	0%	0%	0%	

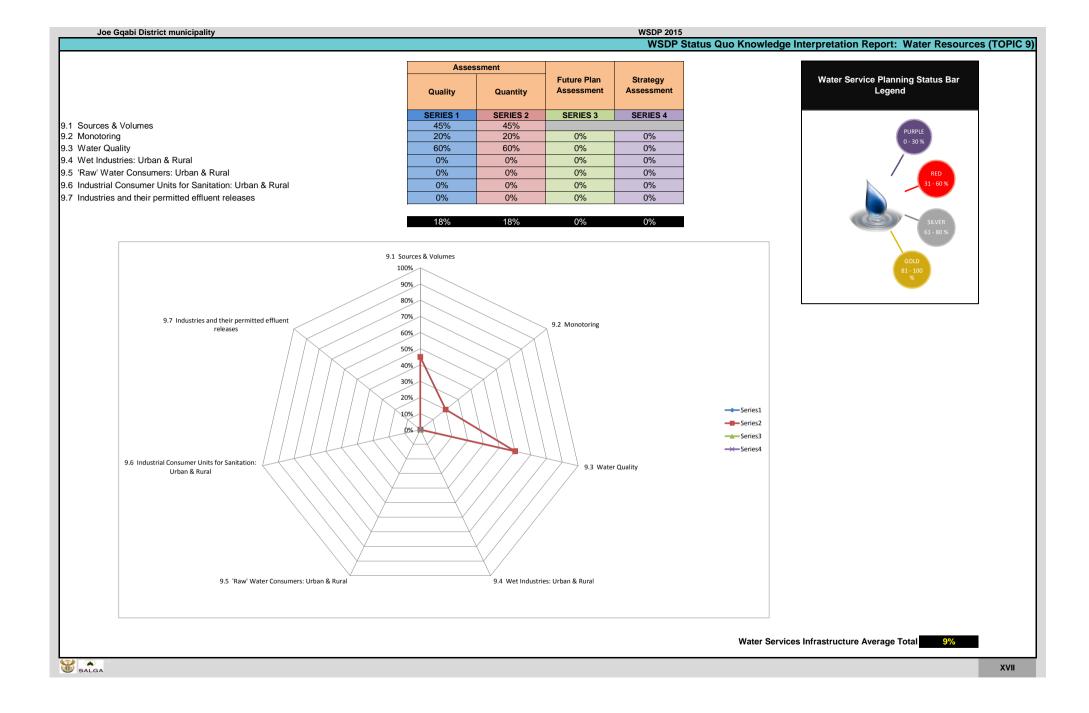




Water Services Infrastructure Average Total 0%

WSDP 2015

Joe Gqabi District municipality	WSDP 2015
WSDP Status Quo Knowledge Interpretation Report: Conservation & Demand Management (Topic 8)	
Topic 8 - WSDP Strategic Interpretation Report	
Strategic Interpretation, Implications and Solutions Derived from Spider Diagram	
8.3.1 Raw Water Bulk Loss	8.3.2 Treated Water Loss :Bulk
Assessment	
and the second se	and the second se
	Assessment
Define Strategy:	Define Strategy:
Projects	ecta
	Protects:
8.3.3 Treated Water Loss :Internal	8.3.4 Water Balance
Assessment	
rate of the second s	and a second
	Assessment
	• à
Define Strategy:	Define Strategy:
Projects.	List Possible
8.3.1 Raw Water Bulk Loss (OPTION 2)	8.3.2 Treated Water Loss :Bulk
8.3.3 Treated Water Loss :Internal	8.3.4 Water Balance
0.3.3 Treated water LUSS Initemat	0.3.4 Water balance
8.3.1 Raw Water Bulk Loss (OPTION 3)	8.3.2 Treated Water Loss :Bulk
8.3.3 Treated Water Loss :Internal	8.3.4 Water Balance
8.3.1 Raw Water Bulk Loss (OPTION 4)	8.3.2 Treated Water Loss :Bulk
8.3.3 Treated Water Loss :Internal	8.3.4 Water Balance
8.3.1 Raw Water Bulk Loss (OPTION 5)	8.3.2 Treated Water Loss :Bulk
0.3. Fram water buik E03 (0 FIGH 3)	0.52 Treated water Loss Duik
8.3.3 Treated Water Loss :Internal	8.3.4 Water Balance
Salga	VX XVI



Joe Gqabi District municipality	WSDP 2015 WSDP Status Quo Knowledge Interpretation Report: Water Resources ((TOPIC 9)
Topic 9 - WSDP Strategic Interpretation Report		
Strategic Interpretation, Implications and Solutions Derived from Spider Diagram		
9.1 Sources & Volumes:		
Assa smort		
Define		
- 28 8		
Projects		
9.2 Monotorina:		
9.2 Monatorina:		
Barafogo		
Powershi		
9.3 Water Quality:		
hererora Sestantoner I.		
Definition of the second se		
Projects		
9.4 Wet Industries: Urban & Rural:		
Likepre Suutoon La Suutoon		
Barango		
9.2 S		
Projection		
9.5 Traw Water Consumers: Urban & Rural:		
3.5 Raw Water Consumers: Urban & Rural:		
Baregy		
Projection		
6.6 Industrial Consumer Units for Sanitation: Urban & Rural:		
Line protection of the second s		
Bitalegy		
Projection		
9.7 Industries and their permitted effluent releases:		
Mergrei Saussen Eismen		
Bartes		
Protects		
Salas		XV111

Joe Gqabi District municipality WSDP 2015 WSDP Status Quo Knowledge Interpretation Report: Financial Profile (Topic 10) Assessment Water Service Planning Status Bar Future Plan Strategy Legend Assessment Assessment Quality Quantity **SERIES 1 SERIES 2 SERIES 3** SERIES 4 10.1.2 CAPITAL EXPENDITURE 0% 0% 0% 0% **10.2 OPERATION & MAINTENANCE BUDGET** 0% 0% 0% 0% 10.3 TARIFF & CHARGES 74% 74% 0% 0% 10.4 FREE BASIC SERVICES 43% 43% 0% 0% 10.5 METERING, BILLING, INCOME & SALES 0% 0% 0% 0% 23% 23% 0% 0% **10.1.2 CAPITAL EXPENDITURE** 80% 70% 60% 50% 40% 30% 10.5 METERING, BILLING, INCOME & **10.2 OPERATION & MAINTENANCE** SALES BUDGET 20% ----Series1 10% -----Series2 0% -----Series3 ------Series4

10.3 TARIFF & CHARGES

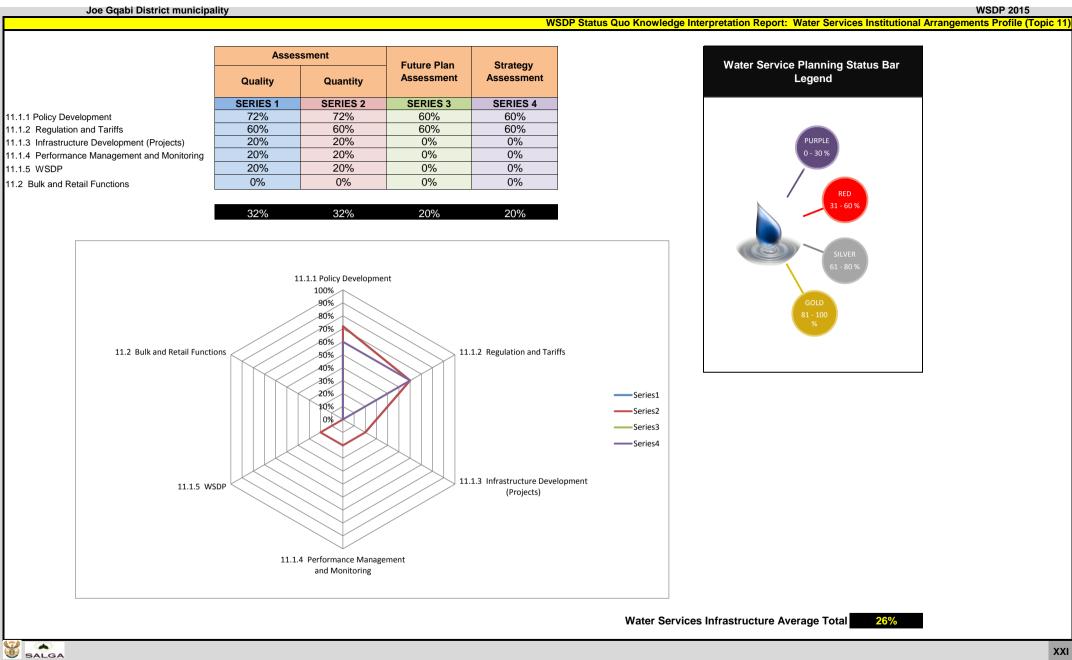
10.4 FREE BASIC SERVICES

Water Services Infrastructure Average Total 12%

XIX

Joe Gqabi District municipality	WSDP 2015
WSDP Status Quo Knowledge Interpretation Report: Financial Profile (Topic 10)	
Topic 10 - WSDP Strategic Interpretation Report	
Strategic Interpretation, Implications and Solutions Derived from Spider Diagram	
10.1.2 CAPITAL EXPENDITURE:	
Assessment	
Strategy:	
List Projects:	
10.2 OPERATION & MAINTENANCE BUDGET:	
Assessment	
Strategy:	
Possible Projects:	
10.3 TARIFF & CHARGES:	
Assessment	
Define Strategy:	
Polsets	
10.4 FREE BASIC SERVICES:	
Assessment	
Strategy: As a large lar	
10.5 METERING, BILLING, INCOME & SALES:	
Assessmen	
Define Strategy:	
List Projects:	
	XX

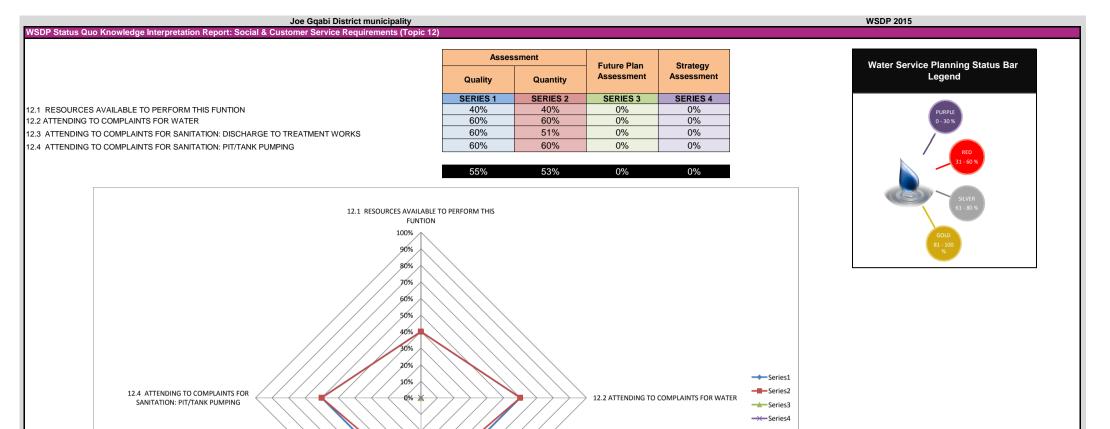
WSDP 2015



8

		WSDP Status Quo Knowledge Interpretation Report: Water Services Institutional Arrangements Profile (Topic 11) WSDP Status Quo Knowledge Interpretation Report: Water Services Institutional Arrangements Profile (Topic 11)
Topic	11 - WSD	P Strategic Interpretation Report
Strate	egic Inte	erpretation, Implications and Solutions Derived from Spider Diagram
11.1.1 Pc	licy Developr	nent
	ion	
	Interpret Situation Assessmen	
	- S S	
	igy:	
	Define Strategy:	
	List Possible Projects:	
	Proje	
	in the second se	
11.1.2 K	egulation and	I dill'S
	Interpret Situation Assessmen	
	Inte Situ sse:	
	Define Strategy:	
	Δġ	
	s:	
	List Possible Projects:	
	Pre	
11.1.3 In	frastructure [Jevelopment (Projects)
	ion ment	
	Interpret Situation Assessmen	
	Define Strategy:	
	Defi	
	List Possible Projects:	
	st Po Proje	
11 1 4 P	erformance M	fanagement and Monitoring
	÷ ÷	
	erpre uatio	
	Interpret Situation Assessmen	
	Define Strategy:	
	List Possible Projects:	
	Pos	
	List P	
11.1.5 W		
	Interpret Situation Assessmen	
	Situe	
	Define Strategy:	
	Stra	
		
	ossil jects	
	List Possible Projects:	
11.2 Bul	k and Retail F	iunctions
	ion ment:	
	Interpret Situation Assessmen	
	= 0 %	
	en:	
	Define Strategy:	
	List Possible Projects:	
	st Po	
	Ë	

SALGA



12.3 ATTENDING TO COMPLAINTS FOR SANITATION: DISCHARGE TO TREATMENT WORKS

XXIV

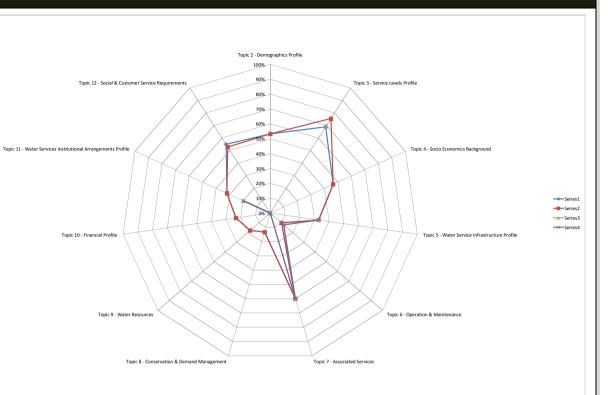
Water Services Infrastructure Average Total 27%

Joe	e Gqabi District municipality	WSDP 2015							
WS	SDP Status Quo Knowledge Interpretation Report: Social & Customer Service Requirements (Topic 12)								
То	opic 12 - WSDP Strategic Interpretation Report								
St	trategic Interpretation, Implications and Solutions Derived from Spider Diagram								
12.1	12.1 RESOURCES AVAILABLE TO PERFORM THIS FUNTION								
	Interpret Situation Assessment:								
	Ass s s								
	Define Strategy:								
	<u> </u>								
	Projects:								
12 3	.2 ATTENDING TO COMPLAINTS FOR WATER								
	Interpret Situation Assessment:								
	a set of the set of th								
	Define								
	ts:								
	Projects:								
12.3	3 ATTENDING TO COMPLAINTS FOR SANITATION: DISCHARGE TO TREATMENT WORKS								
	Interpret Situation Assessment:								
	a di cicia d								
	Sign the second s								
	× ×								
	teo de la companya de								
	Define Strategy:								
	lect as a set								
	Projects:								
12.4	4 ATTENDING TO COMPLAINTS FOR SANITATION: PIT/TANK PUMPING								
	Interpret Stuation Assessment:								
	and the second se								
	As s -								
	Define Strategy:								
	<u>o</u>								
	Projects:								
1	SALGA		XXV						
-	/ SALGA								

WSDP Status Quo Knowledge Interpretation Report

SALGA

	TOTAL AVERAGES OF TOPICS			
	SERIES 1	SERIES 2	SERIES 3	SERIES 4
Topic 2 - Demographics Profile	53%	53%		
Topic 3 - Service Levels Profile	69%	76%	70%	70%
Topic 4 - Socio Economics Background	47%	47%		
Topic 5 - Water Service Infrastructure Profile	33%	33%	33%	33%
Topic 6 - Operation & Maintenance	10%	10%	12%	12%
Topic 7 - Associated Services	60%	60%	60%	60%
Topic 8 - Conservation & Demand Management	13%	13%	0%	0%
Topic 9 - Water Resources	18%	18%	0%	0%
Topic 10 - Financial Profile	23%	23%	0%	0%
Topic 11 - Water Services Institutional Arrangements Profile	32%	32%	20%	20%
Topic 12 - Social & Customer Service Requirements	55%	53%	0%	0%
	36%	36%	22%	22%



Water Services Infrastructure Average Total 29%

Overall Water Services Planning Status Bar Legend

