

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

**Role Players Contact Details**

Position	Name	Surname	Tel	Fax	Cell	E-mail	Interaction Acknowledgement Yes/No	Interaction Acknowledgement Signature
	Mr Wynand	Viljoen	036-6385100		036-6355501	wynand@uthukeladm.co.za	Y	N
WSA Manager	Lungisile	Lungisile	0366385100	0366375608	0746886677	lungisile	N	N

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

**Professional Service Provider (PSP)**

**Company** Jeffares & Green  
**Name of PSP WSDP Project Manager** Neal Bromley  
**Tel:** 033-3471841 **Cell:** **Fax:** 033-3471845 **Email:**

**Inputs**

**Name of PSP WSDP Information Systems Operator** Faye Balfour  
**Tel:** 033-3471841 **Cell:** **Fax:** **Email:** balfourf@jgi.co.za

Components	Chapter	Name	Designation	Role	Contact Address, and Number
All	All				

**Sector Integration**

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

Sector Plan	Sector Interaction	Area	WSA

## **Chapter1: Implementation Activity Chart of current MTEF Projects**

Financial Year 2015																														
Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)								
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other		
1	2013MIGFDC23215064	OKHAHLAMBA WARD 12 SANITATION - ACTON HOMES	The extended community of Ward 12 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012.Ward 12 is prioritised by uThukela District Municipality for the first	Service Levels	Sanitation	Internal Sanitation	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	15,741	0	6,093	0	0	0	0	0

## Water Services Development Plan

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Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)													Project Cost (R'000)	Funding Source (R'000)								
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation		VIP Sanitation	Own	MIG	RBIG	ACIP	DR	MWIG	Other	
2	2010MIGF DC231963 18	Bhekuzulu-Epangweni Community Water Supply (AFA) MIS 201661	The project covers an area of approximately 270 square kilometres in extent and is located 30 km north west of Estcourt, and 15 km south of Winterton, Kwazulu Natal. It includes all communities within the Amangwe Tribal Authority, as well as Bhekuzul	Service Levels	Water	Reticulation	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	272,728	0	60,057	0	0	0	0	0
3	2008MIGF DC231608 11	Ntabamhlophe Water Supply Phase 4 to 13 (AFA) MIS 220289	Detailed design and construction of all phases of Ntabamhlophe water supply scheme.Work entails construction of two bulk pump stations, six service reservoirs and bulk reservoir (4 Ml capacity), 62 km of bulk supply pipelines, 106 km of reticulation	Service Levels	Water	Regional Bulk	Y	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	239,514	0	26,547	0	0	0	0	0

## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)													Project Cost (R'000)	Funding Source (R'000)								
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation		VIP Sanitation	Own	MIG	RBIG	ACIP	DR	MWIG	Other	
4	2012MIGF DC232068 10	Umtshezi Sanitation Project Ward 5	Once the project is completed, basic sanitation services will have been provided to a total population serving 24,072 people and 4012 households to all the settlements within the boundary of a project area in ward 5. The ISD survey carried out as par	Service Levels	Sanitation	Internal Sanitation	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	30,517	0	9,450	0	0	0	0	0
5	ZKZNUTH UK05	Fitty Park Umhlumayo Extensions (Addendum)	Project to extend lines into areas where the required standpipe spacing has not been addressed.	Demographics	Water	Internal Bulk	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	8,893	0	0	0	0	0	7,026	0
6	2008MIGF DC231621 67	Fitty Park Umhlumayo Extensions	The project entails the transfer of water from the existing uMhlumayo Community Water Supply Scheme to the Fitty Park/Waaihoek areas adjacent to the scheme. The project serves to supply water to 2100 families (16800 population) in the Fitty Park and	Demographics	Water	Internal Bulk	Y	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	15,700	0	2,540	0	0	0	0	0



## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)						
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other
7	ZKZNUTH UK07	Ezakheni: Water and Sanitation	Feasibility study - water and sanitation needs of 642 housing units within the project Ezakheni E section. The housing project did not include for any infrastructure services.	Service Levels	Water	Reticulation	N	Y	Y	N	N	N	Y	N	N	N	N	N	N	N	8,088	0	0	0	0	0	7,946	0
8	2013MIGF DC232139 26	Mathandwane Ward 17 Sanitation Project	The extended community of Ward 17 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 17 is prioritised by uThukela District Municipality for the first	Service Levels	Sanitation	Basic Supply	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y	28,109	0	15,650	0	0	0	0	0



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							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation		VIP Sanitation	Own	MIG	RBIG	ACIP	DR	MWIG	Other	
9	2011MIGFDC23202432	Ezakheni_Emnambithi Bulk Water Infrastructure Upgrade Project - Design Phase (AFA) MIS 216393	It is obvious that, currently the bulk water infrastructure of Ezakheni & Ladysmith is operating at or beyond capacity, which is a constraint on further development within the area. It is required that the bulk water master plan shall reflect, at	Infrastructure	Water	Regional Bulk	Y	N	Y	Y	Y	N	Y	N	N	N	N	N	N	N	N	40,699	0	1,350	0	0	0	0	0
10	KNR010	Driefontein Complex Bulk	1. Establishment of potable bulk water supply to Driefontein complex: A. new pumpstation at L/S treatment works B. booster P/S between L/S and driefontein C. bulk feeder mains-13km D. new 3ml balancing reservoir at Hopsland.	Demographics	Water	Regional Bulk	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	326,318	0	0	25,000	0	0	0	0

## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)							
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other	
11	2013MIGF DC232150 61	INDAKA WARD 3 SANITATION - ETHOLENI	The extended community of Ward 3 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 3 is prioritised by uThukela District Municipality for the first	Service Levels	Sanitation	Internal Sanitation	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	30,910	0	21,070	0	0	0	0	0
12	2013MIGF DC232131 76	Kwanobamba-Ezitendeni (Weenen) Water Supply Project	The KwaNobamba-Ezitendeni Water Supply Project: will serve communities of the Umtshezi Local Municipality within the Uthukela District Municipality. The project area, which is approximately 75.4 km2 in extent, is located in the Umtshezi Local Municip	Service Levels	Water	Regional Bulk	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	207,769	0	38,645	0	0	0	0	0

## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)								
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other		
13	2013MIGF DC232150 62	UMTSHEZI WARD 4 SANITATION-THEMBALIHLE	The extended community of Ward 4 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012.Ward 4 is prioritised by uThukela District Municipality for the first t	Service Levels	Sanitation	Internal Sanitation	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	15,715	0	10,473	0	0	0	0	0
2. Source Development Projects																														
3. Demand Management Projects																														
4. O&M Commitments																														
4.1 Operations																														
4.2 Maintenance																														
5. Institutional																														

## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

Funding Source (R'000)							
Own	MIG	RBIG	ACIP	DR	MWIG	Other	
Total Funding: 0	191,875	25,000	0	0	14,973	0	

## Water Services Development Plan

Staging Data

Financial Year 2016																	
Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)										
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM
							WWTW	Water Bourne Sanitation	VIP Sanitation								
Funding Source (R'000)																	
							Own	MIG	RBIG	ACIP	DR	MWIG	Other				
1. Infrastructure Projects																	
1	2006MIGF DC231133 42	Bergville Bulk Water Supply Extension and Reticulation	The purpose of this project is to establish a water supply infrastructure to ser the needs of some 11,800 people residing in 5 distinctive informal settlemes	Demographics	Water	Internal Bulk	N	N	Y	N	Y	N	Y	N	N	N	N
2	2010MIGF DC231963 18	Bhekuzulu-Epangweni Community Water Supply (AFA) MIS 201661	The project covers an area of approximately 270 square kilometres in extent and is located 30 km north west of Estcourt, and 15 km south of Winterton, Kwazulu Natal. It includes all communities within the Amangwe Tribal Authority, as well as Bhekuzul	Service Levels	Water	Reticulation	Y	Y	Y	Y	Y	Y	Y	N	N	N	N

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Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)						
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other
3	2008MIGF DC231608 11	Ntabamhlophe Water Supply Phase 4 to 13 (AFA) MIS 220289	Detailed design and construction of all phases of Ntabamhlophe water supply scheme.Work entails construction of two bulk pump stations, six service reservoirs and bulk reservoir (4 Ml capacity), 62 km of bulk supply pipelines, 106 km of reticulation	Service Levels	Water	Regional Bulk	Y	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	239,514	0	33,580	0	0	0	0	0
4	2011MIGF DC232024 32	Ezakheni_Emnambithi Bulk Water Infrastructure Upgrade Project - Design Phase (AFA) MIS 216393	It is obvious that, currently the bulk water infrastructure of Ezakheni & Ladysmith is operating at or beyond capacity, which is a constraint on further development within the area. It is required that the bulk water master plan shall reflect, at	Infrastructure	Water	Regional Bulk	Y	N	Y	Y	Y	N	Y	N	N	N	N	N	N	N	40,699	0	23,636	0	0	0	0	0

## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)						
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other
5	KNR010	Driefontein Complex Bulk	1. Establishment of potable bulk water supply to Driefontein complex: A. new pumpstation at L/S treatment works B. booster P/S between L/S and driefontein C. bulk feeder mains-13km D. new 3ml balancing reservoir at Hopsland.	Demographics	Water	Regional Bulk	N	N	N	N	N	N	N	N	N	N	N	N	N	N	326,318	0	0	30,000	0	0	0	0
6	2012MIGF DC232077 95	Emergency Upgrade of Wagonsdrift Pump Station	This project is for the emergency procurement of 3 new pumps, transformers and motor control centres for Wagonsdrift Pump Station in the Umtshezi Local Municipality within the Uthukela District Municipality. Water from the Wagonsdrift is used to supply	Infrastructure	Water	Regional Bulk	Y	N	Y	N	N	N	Y	N	N	N	N	N	N	N	8,516	0	2,011	0	0	0	0	0



## Water Services Development Plan

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Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)							
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other	
7	2013MIGF DC23213176	Kwanobamba-Ezitendeni (Weenen) Water Supply Project	The KwaNobamba-Ezitendeni Water Supply Project: will serve communities of the Umtshezi Local Municipality within the Uthukela District Municipality. The project area, which is approximately 75.4 km2 in extent, is located in the Umtshezi Local Municip	Service Levels	Water	Regional Bulk	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	207,769	0	40,675	0	0	0	0	0
2. Source Development Projects																													
3. Demand Management Projects																													
8	ZKZNUTH UK11	Ezakheni/Emnambithi Bulk Water Infrastructure Upgrade	WC/WDM interventions: Lombardskop rising rain; rehabilitation & upgrade of Abattoir Reservoir booster PS; integrity assessment of existing pipeline; remedial work to reservoir; strategic adjustments to reservoir chamber & distribution mains.	WCDM	Water	Internal Bulk	Y	N	Y	N	Y	N	Y	N	N	N	N	Y	N	N	N	77,942	0	0	0	0	0	19,175	0

## Water Services Development Plan

Staging Data

Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)						
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other
4. O&M Commitments																												
4.1 Operations																												
4.2 Maintenance																												
5. Institutional																												
6. Water services Programs																												
6.1 Awareness Programs																												
6.2 WASH Programs																												

Funding Source (R'000)							
Own		MIG		RBIG		ACIP	
Total Funding: 0		140,164		30,000		0	
						0	
						19,175	
						0	

Financial Year 2017																														
Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)								
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other		
1. Infrastructure Projects																														
1	ZKZNUTH UK04	Roosboom Reticulation	Continuation of a previous scheme funded by Council but incompleated. Bulk line from werteveerde reservoir was completed. The main line is currently a “white elephant”; completion of reticulation will benefit consumers once water source is developed.	Service Levels	Water	Internal Bulk	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	1,500	0	0	0	0	0	0	46
2	ZKZNUTH UK07	Ezakheni: Water and Sanitation	Feasibility study - water and sanitation needs of 642 housing units within the project Ezakheni E section. The housing project did not include for any infrastructure services.	Service Levels	Water	Reticulation	N	Y	Y	N	N	N	Y	N	N	N	N	N	N	N	N	8,088	0	0	0	0	0	0	3,163	

## Water Services Development Plan

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Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)								
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other		
3	KNR010	Driefontein Complex Bulk	1. Establishment of potable bulk water supply to Driefontein complex: A. new pumpstation at L/S treatment works B. booster P/S between L/S and driefontein C. bulk feeder mains-13km D. new 3ml balancing reservoir at Hopsland.	Demographics	Water	Regional Bulk	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	326,318	0	0	0	0	0	0	5,000
2. Source Development Projects																														
3. Demand Management Projects																														
4	ZKZNUTH UK01	Ezakheni / Emnambithi WCDM	This project aims at reducing loss of raw water in the Ezakheni Water Supply Area. Project incl. Improved bulk water metering; Installation of dedicated rising mains to distribution reservoirs; AC replacement; Pressure zoning and pressure reduction.	WCDM	Water	Internal Bulk	Y	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	3,789	0	0	0	0	0	0	16,139	

## Water Services Development Plan

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Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)						
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other
5	ZKZNUTH UK11	Ezakheni/Emnambithi Bulk Water Infrastructure Upgrade	WC/WDM interventions: Lombardskop rising rain; rehabilitation & upgrade of Abattoir Reservoir booster PS; integrity assessment of existing pipeline; remedial work to reservoir; strategic adjustments to reservoir chamber & distribution mains.	WCDM	Water	Internal Bulk	Y	N	Y	N	Y	N	Y	N	N	N	Y	N	N	N	77,942	0	0	0	0	0	55,421	0
4. O&M Commitments																												
4.1 Operations																												
4.2 Maintenance																												
5. Institutional																												
6. Water services Programs																												
6.1 Awareness Programs																												

## Water Services Development Plan

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Nr	Project Number	Project Name	Description	Business Element	Main Category	Sub Category	Component(Yes/No)														Project Cost (R'000)	Funding Source (R'000)						
							Bulk Pipeline	Reticulation Line	Pumpstation	WTW	Reservoir	Source Development	Power Installation	Feasibility	Operations	Maintenance	WCDM	WWTW	Water Bourne Sanitation	VIP Sanitation		Own	MIG	RBIG	ACIP	DR	MWIG	Other
6.2 WASH Programs																												

Funding Source (R'000)							
Own	MIG	RBIG	ACIP	DR	MWIG	Other	
Total Funding: 0	0	0	0	0	55,421	24,348	

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

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### Chapter 2:

#### 2.1. Existing Needs Perspective

#### Business Element 1: Demographics (Topic 2)

#### WSDP Status Quo Knowledge Interpretation Report

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
<i>SERIES 1</i>	<i>SERIES 2</i>	<i>SERIES 3</i>	<i>SERIES 4</i>
80.00	80.00	0.00	0.00
80.00	80.00	0.00	0.00
80.00	80.00	0.00	0.00
10.59	10.59	0.00	0.00
62.65	62.65	0.00	0.00

*Farming*

*Rural*

*Urban*

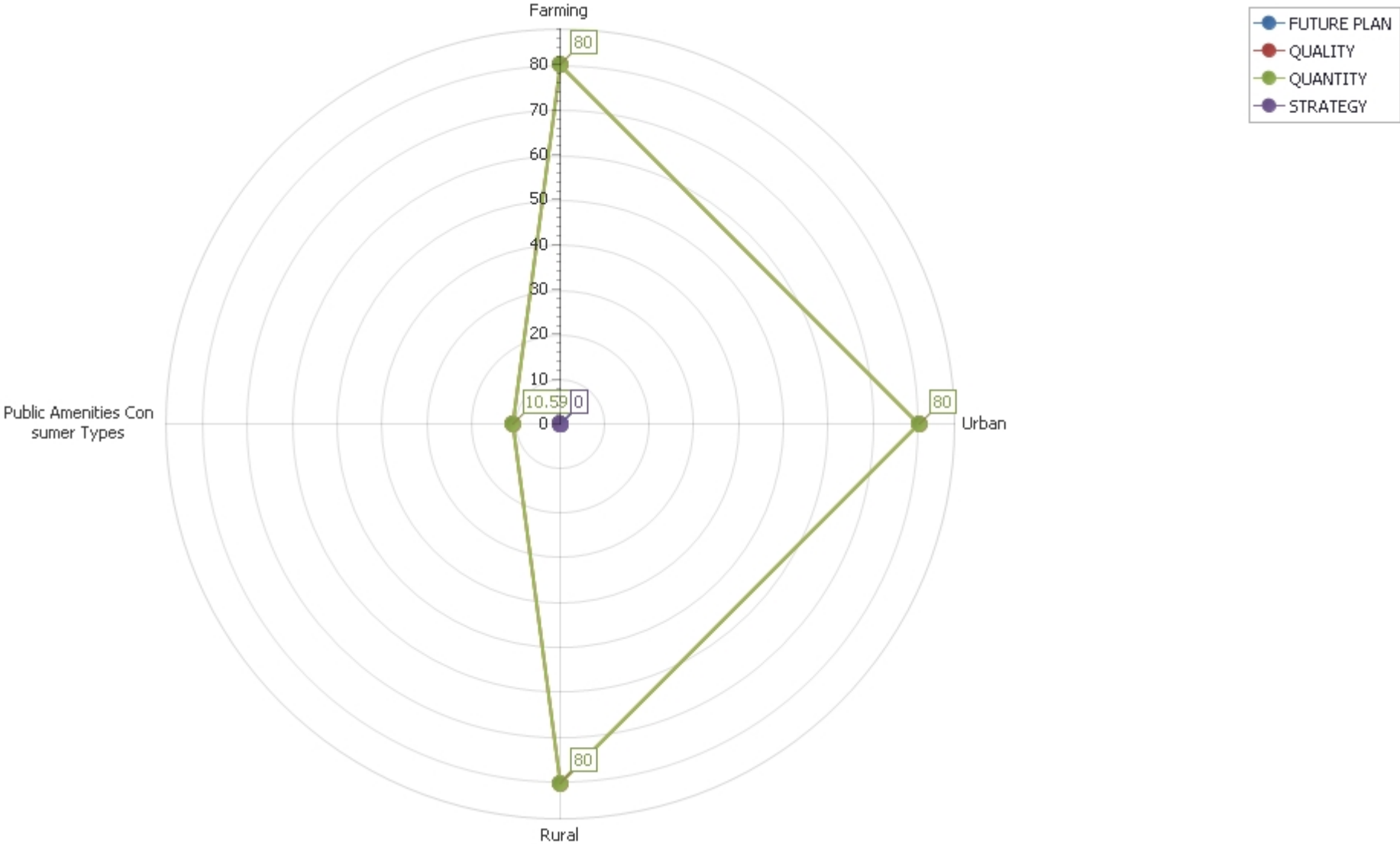
*Public Amenities Consumer Types*

*Average Total:*

31.32



Existing Needs Perspective Diagram



Average Total: 31.32

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

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### Strategic Interpretation

#### Detail situation assessments per Topic element

##### *Farming*

Interpret Situation Assessment:	Most farmlands are located in Emnambithin, uMtshezi and Okhahlamba municipalities. Provision of services to farmlands are excluded from the WSDP. Farmlands supply their own water services for both domestic and agricultural use
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##### *Rural*

Interpret Situation Assessment:	The region is characterised by dense to scattered rural settlements with a large portion of the population living in the rural areas. The rural areas are divided into Ingonyama Trust, Land Reform areas and private farms lands
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##### *Urban*

Interpret Situation Assessment:	Urban areas include Ladysmith, Ezakheni, Colenso, Ekuvukeni, Estcourt, Wembezi, Weenen, Bergville and Winterton/Khethani. Settlements around urban centres are increasing and densifying as people move from rural settlements in search of basic infrastructure, social services and economic opportunities, and are locating themselves within easy commuting distance of Ladysmith and Estcourt/Wembezi. As a result these towns are experiencing urbanization on their peripheries
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##### *Public Amenities Consumer Types*

Interpret Situation Assessment:	The number of all the public amenity types are not addressed.
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## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
Farming	80.00	80.00	0.00	0.00	N	100.00														100.00
Rural	80.00	80.00	0.00	0.00	N	100.00														100.00
Urban	80.00	80.00	0.00	0.00	N	100.00														100.00
Public Amenities Consumer Types	10.59	10.59	0.00	0.00	Y	100.00	Confirm numbers of public amenities. Confirm areas covered by agricultural activities (ha)	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 2: Demographics									
1	Confirm number of public amenities	Public amenities are accounted for	The number of public amenities are inaccurate		Confirm number of public amenities	Update WSDP			
2	Determine and confirm the areas covered by agricultural activities		The areas covered by agricultural activities are not complete		Determine and confirm the areas covered by agricultural activities	Update WSDP			
2	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

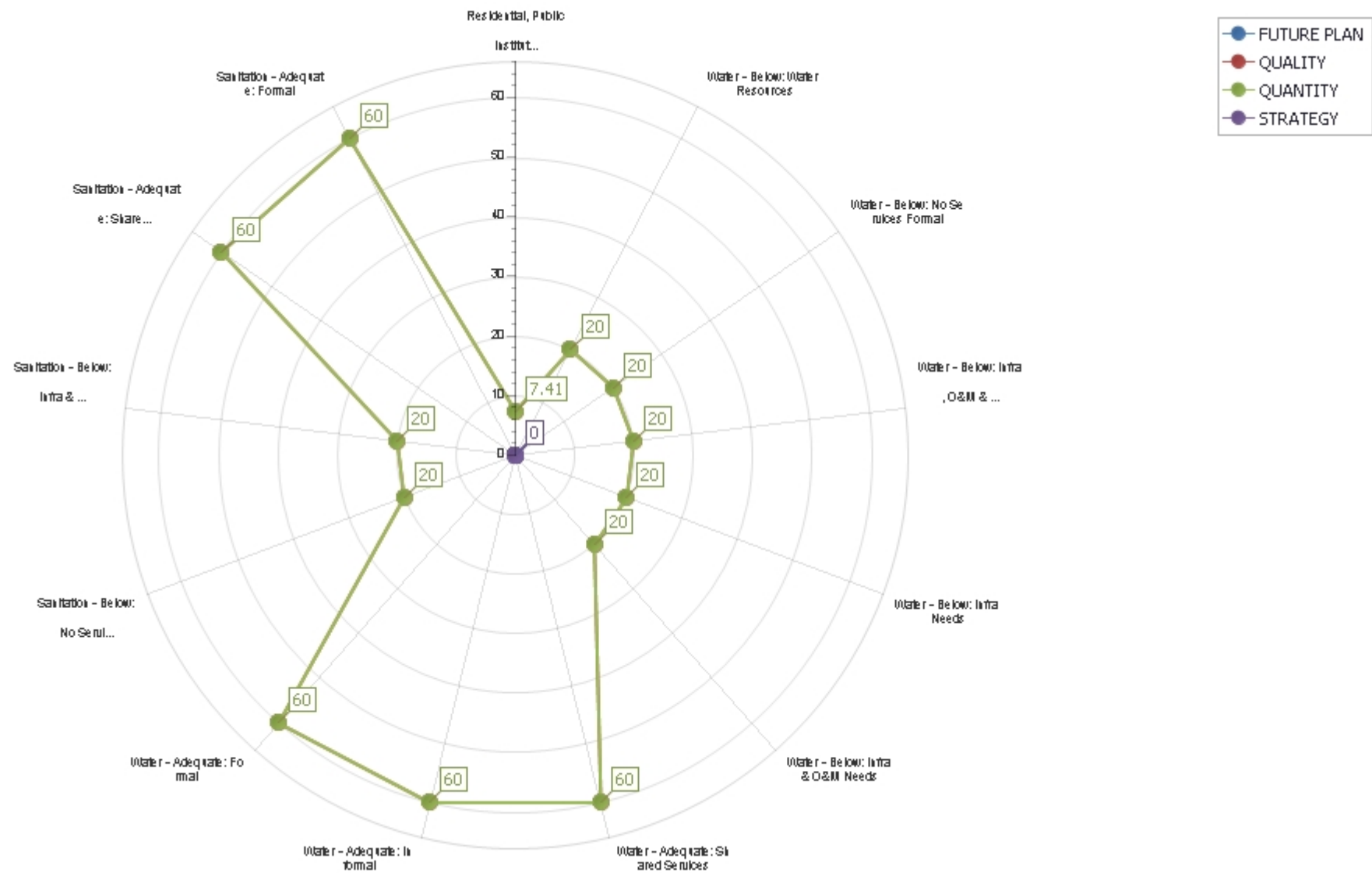
Staging Data

**Business Element 2: Service Levels (Topic 3)**

**WSDP Status Quo Knowledge Interpretation Report**

	Assesment		Future Plan Assesment	Strategy Assesment
	Quality	Quantity		
	SERIES 1	SERIES 2	SERIES 3	SERIES 4
<i>Water - Adequate: Formal</i>	60.00	60.00	0.00	0.00
<i>Water - Adequate: Informal</i>	60.00	60.00	0.00	0.00
<i>Water - Adequate: Shared Services</i>	60.00	60.00	0.00	0.00
<i>Water - Below: Water Resources</i>	20.00	20.00	0.00	0.00
<i>Water - Below: Infra Needs</i>	20.00	20.00	0.00	0.00
<i>Water - Below: Infra &amp; O&amp;M Needs</i>	20.00	20.00	0.00	0.00
<i>Water - Below: Infra, O&amp;M &amp; Resource Needs</i>	20.00	20.00	0.00	0.00
<i>Water - Below: No Services Formal</i>	20.00	20.00	0.00	0.00
<i>Sanitation - Adequate: Formal</i>	60.00	60.00	0.00	0.00
<i>Sanitation - Adequate: Shared Services</i>	60.00	60.00	0.00	0.00
<i>Sanitation - Below: Infra &amp; O&amp;M Needs</i>	20.00	20.00	0.00	0.00
<i>Sanitation - Below: No Services Formal</i>	20.00	20.00	0.00	0.00
<i>Residential, Public Institutions and Industries Amenities</i>	7.41	7.41	0.00	0.00
	34.42	34.42	0.00	0.00
Average Total:				17.21

Existing Needs Perspective Diagram



Average Total: 17.21

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### *Water - Adequate: Formal*

Interpret Situation Assessment:	Urban areas mostly have access to houseconnections. The 2006 WSDP needs to be reviewed
---------------------------------	--

##### *Water - Adequate: Informal*

Interpret Situation Assessment:	Households in the informal areas have access to yard connections. The 2006 WSDP needs to be reviewed
---------------------------------	--

##### *Water - Adequate: Shared Services*

Interpret Situation Assessment:	Households have access to communal standpipes. The 2006 WSDP needs to be reviewed
---------------------------------	---

##### *Water - Below: Water Resources*

Interpret Situation Assessment:	Households located in the Ingonyama Trust land and land reform areas rely on alternative sources namely boreholes equipped with hand pumps, springs, rivers and streams. DM aims to provide communal reticulation through borehole and spring schemes than can be linked to bulk water sources in the medium to long term. The 2006 WSDP needs to be reviewed
---------------------------------	---

##### *Water - Below: Infra Needs*

Interpret Situation Assessment:	Households located in the Ingonyama Trust land and land reform areas rely on alternative sources namely boreholes equipped with hand pumps, springs, rivers and streams. DM aims to provide communal reticulation through borehole and spring schemes than can be linked to bulk water sources in the medium to long term. The 2006 WSDP needs to be reviewed
---------------------------------	---

**Water Services Development Plan**

Staging Data

*Water - Below: Infra & O&M Needs*

Interpret Situation Assessment:	Households located in the Ingonyama Trust land and land reform areas rely on alternative sources namely boreholes equipped with hand pumps, springs, rivers and streams. DM aims to provide communal reticulation through borehole and spring schemes than can be linked to bulk water sources in the medium to long term. The 2006 WSDP needs to be reviewed
---------------------------------	---

*Water - Below: Infra, O&M & Resource Needs*

Interpret Situation Assessment:	Households located in the Ingonyama Trust land and land reform areas rely on alternative sources namely boreholes equipped with hand pumps, springs, rivers and streams. DM aims to provide communal reticulation through borehole and spring schemes than can be linked to bulk water sources in the medium to long term. The 2006 WSDP needs to be reviewed
---------------------------------	---

*Water - Below: No Services Formal*

Interpret Situation Assessment:	Households located in the Ingonyama Trust land and land reform areas rely on alternative sources namely boreholes equipped with hand pumps, springs, rivers and streams. DM aims to provide communal reticulation through borehole and spring schemes than can be linked to bulk water sources in the medium to long term. The 2006 WSDP needs to be reviewed
---------------------------------	---

*Sanitation - Adequate: Formal*

Interpret Situation Assessment:	In general urban areas have access to full waterborne sanitation services. The 2006 WSDP needs to be reviewed
---------------------------------	---

*Sanitation - Adequate: Shared Services*

Interpret Situation Assessment:	Most households receive VIP toilets. The 2006 WSDP needs to be reviewed
---------------------------------	---

*Sanitation - Below: Infra & O&M Needs*

Interpret Situation Assessment:	Few households have been provided with adequate sanitation services. The 2006 WSDP needs to be reviewed
---------------------------------	---



**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

*Sanitation - Below: No Services Formal*

Interpret Situation Assessment:	Few households receive sanitation services to the RDP standards. The 2006 WSDP needs to be reviewed
---------------------------------	---

*Residential, Public Institutions and Industries Amenities*

Interpret Situation Assessment:	The number of public institutions and industries receiving adequate services are completed. Information is lacking. The 2006 WSDP needs to be reviewed
---------------------------------	--

## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
Water - Adequate: Formal	60.00	60.00	0.00	0.00	Y	100.00	Confirm levels of service in urban areas. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Adequate: Informal	60.00	60.00	0.00	0.00	Y	100.00	Confirm water service levels. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Adequate: Shared Services	60.00	60.00	0.00	0.00	Y	100.00	Confirm water service levels. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Below: Water Resources	20.00	20.00	0.00	0.00	Y	100.00	Improve water supply services in the rural areas. Confirm number of households receiving inadequate services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Below: Infra Needs	20.00	20.00	0.00	0.00	Y	100.00	Improve water supply services through the rudimentary programme. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Below: Infra & O&M Needs	20.00	20.00	0.00	0.00	Y	100.00	Improve water supply services. Confirm number of households receiving inadequate services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Below: Infra, O&M & Resource Needs	20.00	20.00	0.00	0.00	Y	100.00	Improve water supply services through the rudimentary programme. Confirm number of households receiving inadequate services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water - Below: No Services Formal	20.00	20.00	0.00	0.00	Y	100.00	Improve water supply services through the rudimentary programme. Confirm number of households receiving inadequate services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation - Adequate: Formal	60.00	60.00	0.00	0.00	Y	100.00	Confirm sanitation service levels in urban areas. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation - Adequate: Shared Services	60.00	60.00	0.00	0.00	Y	100.00	Confirm number of households receiving adequate sanitation services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

## Water Services Development Plan

Staging Data

Sanitation - Below: Infra & O&M Needs	20.00	20.00	0.00	0.00	Y	100.00	Confirm number of households receiving inadequate sanitation services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation - Below: No Services Formal	20.00	20.00	0.00	0.00	Y	100.00	Confirm sanitation service levels receiving inadequate services. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Residential, Public Institutions and Industries Amenities	7.41	7.41	0.00	0.00	Y	100.00	Investigate and confirm service levels of public institutions and industries. The review and update of the 2006 WSDP needs to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 3: Service levels									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format to address the categories in the Service Level Profile	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format to address the categories in the Service Level Profile	Review and update WSDP Module 1			

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Business Element 3: Socio Economics (Topic 4)

#### WSDP Status Quo Knowledge Interpretation Report

4.1 General

4.2 Age and gender Profile

4.3 Employment Profile

4.4 Demographic trends and migration patterns

4.5 Household income

Water Affordability (Population not able to afford water)

Sanitation Affordability (Population not able to afford sanitation)

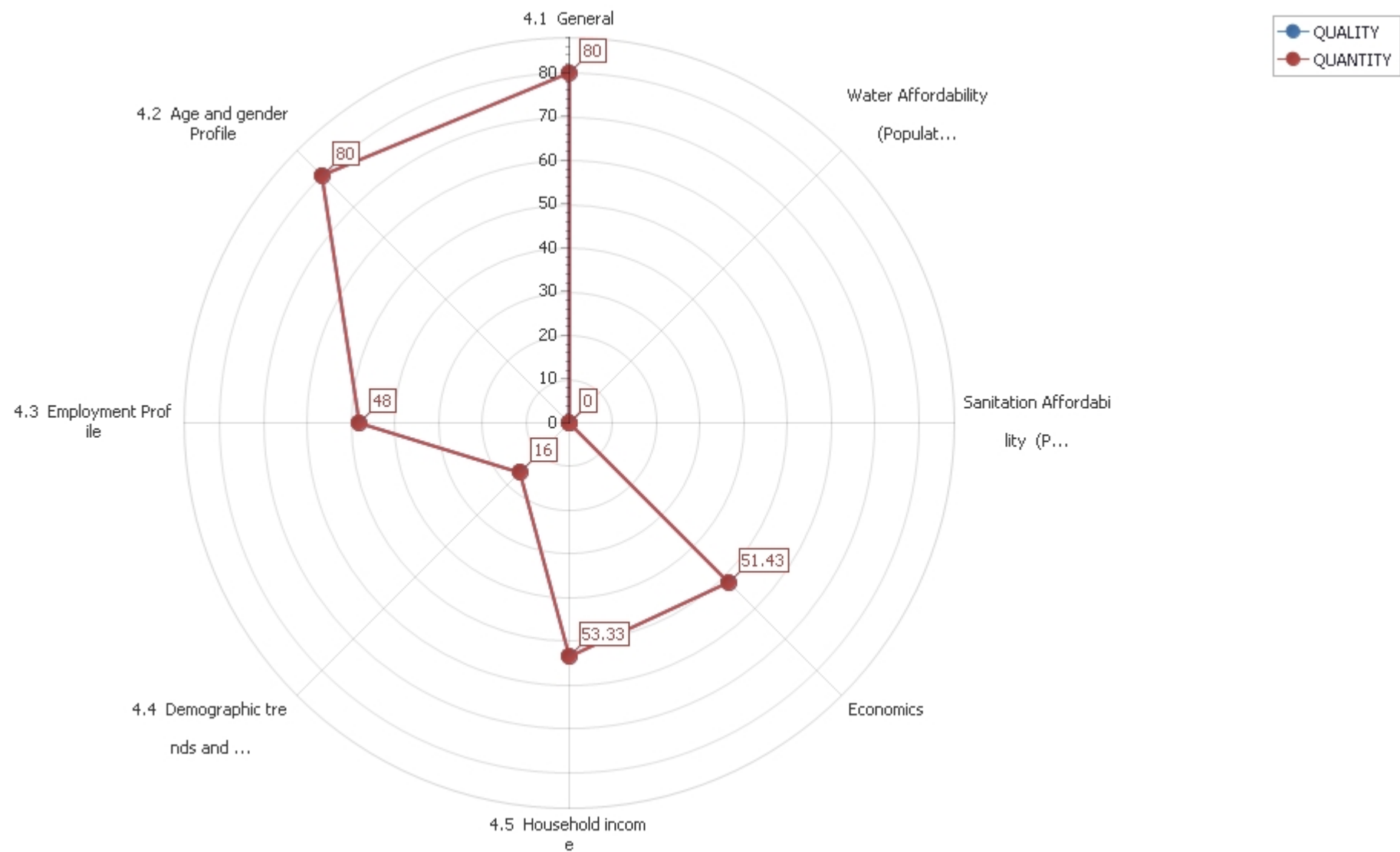
Economics

Assesment	
Quality	Quantity
<i>SERIES 1</i>	<i>SERIES 2</i>
80.00	80.00
80.00	80.00
48.00	48.00
16.00	16.00
53.33	53.33
0.00	0.00
0.00	0.00
51.43	51.43
41.10	41.10

Average Total:

41.10

Existing Needs Perspective Diagram



Average Total: 41.10

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### 4.1 General

Interpret Situation Assessment:	Population figures and growth rates need to be aligned with Census 2011
---------------------------------	---

##### 4.2 Age and gender Profile

Interpret Situation Assessment:	Age and gender profile is complete
---------------------------------	------------------------------------

##### 4.3 Employment Profile

Interpret Situation Assessment:	The district economy is based primarily on manufacturing and trad with secondary support through agriculture. Imbabazane and Indaka are primarily Ingonyama Trust land with significant underdevelopment and isolation from the main N3 development corridor
---------------------------------	--

##### 4.4 Demographic trends and migration patterns

Interpret Situation Assessment:	Labour migration patterns and holiday populations are not complete
---------------------------------	--

##### 4.5 Household income

Interpret Situation Assessment:	The population in the uThukela distric is generally very poor. A vast majority of the population is unable to contribute meaningfully towards the provision of basic water and sanitation services. The definition of a poor household is defined by the municipality as: "All households earning a combined income of less than R 800 per month." The 2006 WSDP needs to be reviewed
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**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

*Water Affordability*

Interpret Situation Assessment:	Water affordability information is not indicated
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*Sanitation Affordability*

Interpret Situation Assessment:	Sanitation affordability information is not indicated
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*Economics*

Interpret Situation Assessment:	Information provided is very old and stems from the 2002 IDP
---------------------------------	--



## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
4.1 General	80.00	80.00			Y	100.00	Review the current 2006 WSDP to conform to the DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
4.2 Age and gender Profile	80.00	80.00			N	100.00														100.00
4.3 Employment Profile	48.00	48.00			Y	100.00	Align employment figures with Census 2011	100.00	N	0.00									200.00	28.57
4.4 Demographic trends and migration patterns	16.00	16.00			Y	100.00	Update and confirm migration patterns with Census 2011 figures	100.00	N	0.00									200.00	28.57
4.5 Household income	53.33	53.33			Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	0.00	N	0.00									100.00	14.29
Water Affordability	0.00	0.00			Y	100.00	Obtain affordability information from the billing system	100.00	N	0.00									200.00	28.57
Sanitation Affordability	0.00	0.00			Y	100.00	Obtain affordability information from the billing system	100.00	N	0.00									200.00	28.57
Economics	51.43	51.43			Y	100.00	Update figures using StatsSA latest release figures or the Reserve Bank quarterly bulletins	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 4: Socio economic									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
2	Update and confirm migration patterns with Census 2011 figures	Migration patterns and holiday population calculated	Labour migration patterns and holiday population is not indicated		Update and confirm migration patterns with Census 2011 figures	Update WSDP			

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Business Element 4: Water Services Infrastructure Management (Topic 5 - Part 1)

#### WSDP Status Quo Knowledge Interpretation Report

5.1 General Information

5.2 Operation

5.3 Monitoring & Sample Failure

5.4 Functionality

5.5 Institutional Status

5.6 Asset Assessment Spectrum

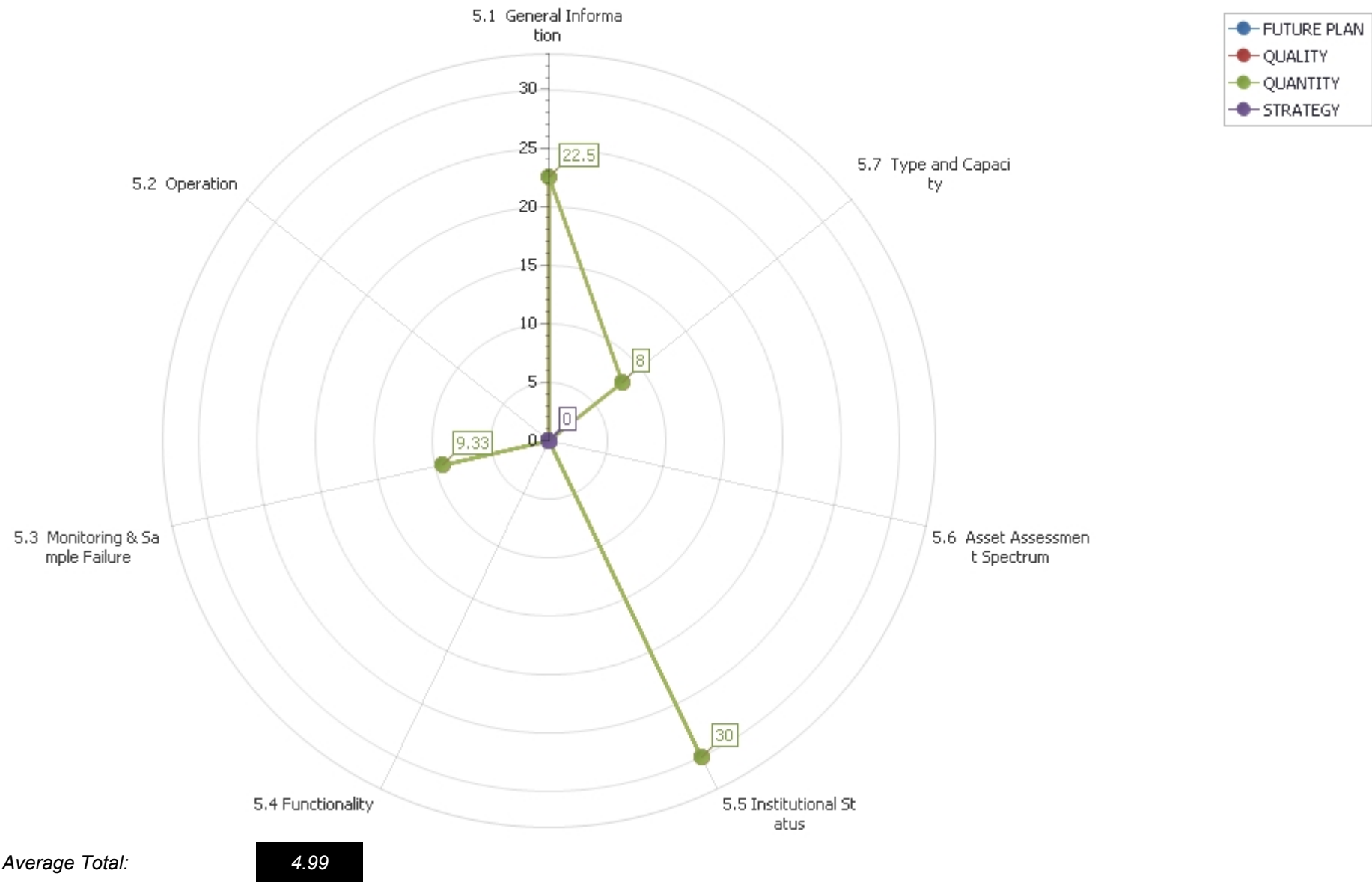
5.7 Type and Capacity

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
<i>SERIES 1</i>	<i>SERIES 2</i>	<i>SERIES 3</i>	<i>SERIES 4</i>
22.50	22.50	0.00	0.00
0.00	0.00	0.00	0.00
9.33	9.33	0.00	0.00
0.00	0.00	0.00	0.00
30.00	30.00	0.00	0.00
0.00	0.00	0.00	0.00
8.00	8.00	0.00	0.00
9.98	9.98	0.00	0.00

Average Total:

4.99

Existing Needs Perspective Diagram



**Strategic Interpretation**

**Detail situation assessments per Topic element**

*5.1 General Information*

Interpret Situation Assessment:	Water services infrastructure is more developed in the urban areas supplying a higher level of service as opposed to the rural areas. Each urban area has its own water and wastewater treatment facility. Many components are old and have been maintained on minimal budgets. Information provided in the 2006 uThukela WSDP written format cannot be used to update this section
---------------------------------	---

*5.2 Operation*

Interpret Situation Assessment:	Most schemes are post 1994 and do not require major refurbishment. A maintenance programme needs to be established to prevent these schemes to fall into a state where large capital investment is required. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.3 Monitoring & Sample Failure*

Interpret Situation Assessment:	The quality of water taken from the source is often only measured at the water treatment works. There is currently no monitoring programme or regular testing of water quality in the rural areas. Water quality is only tested when a new borehole is developed. The DM does not have the economic or human resources to institute proper quality control measures that will comply with SANS 241 specifications. Water abstracted directly from surface or groundwater for the rural schemes are manually chlorinated in the reservoirs without prior water quality testing. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.4 Functionality*

Interpret Situation Assessment:	Most schemes are post 1994 and do not require major refurbishment. A maintenance programme needs to be established to prevent these schemes to fall into a state where large capital investment is required. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.5 Institutional Status*

Interpret Situation Assessment:	uThukela DM has taken the decision to retain all WSP functions internally. Information is lacking and therefore the 2006 WSDP needs to be reviewed
---------------------------------	--

*5.6 Asset Assessment Spectrum*

Interpret Situation Assessment:	Information is not available on the lifespan, refurbishment and replacement cost of all the infrastructure components. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.7 Type and Capacity*

Interpret Situation Assessment:	Capacities are available for only some of the components. The 2006 WSDP needs to be reviewed
---------------------------------	--

## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
5.1 General Information	22.50	22.50	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.2 Operation	0.00	0.00	0.00	0.00	Y	100.00	Establish a maintenance programme. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.3 Monitoring & Sample Failure	9.33	9.33	0.00	0.00	Y	100.00	The DM to put quality control measures in place and develop and implement a monitoring programme. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.4 Functionality	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.5 Institutional Status	30.00	30.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.6 Asset Assessment Spectrum	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.7 Type and Capacity	8.00	8.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 5:1: Water Services Infrastructure Management									

## Water Services Development Plan

Staging Data

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			
2	Develop a groundwater monitoring plan	Groundwater monitoring is in place	No groundwater monitoring plan is in place		Develop a groundwater monitoring plan	Update WSDP			
3	Establish a Operation and Maintenance Plan	Operation & Maintenance Plan in place	An operation and maintenance plan does not exist		Establish a Operation and Maintenance Plan	Update WSDP			



**Business Element 5: Water Services Infrastructure Management (Topic 5 - Part 2)**

**WSDP Status Quo Knowledge Interpretation Report**

5.8 Operation & Maintenance Plan

5.9.1 Resources

5.9.2 Information

5.9.3 Activity Control & Management

5.10 Water Supply and Quality

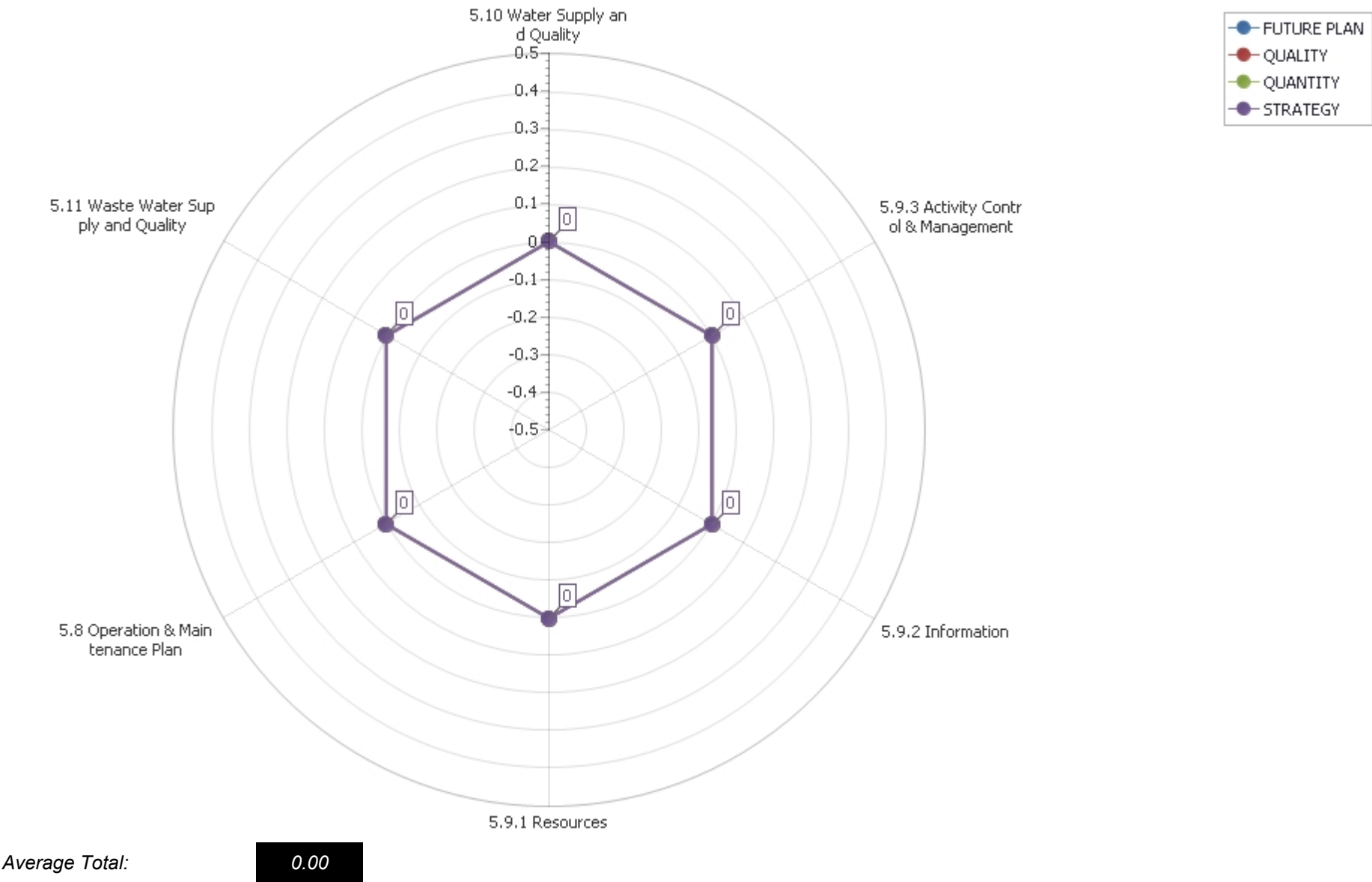
5.11 Waste Water Supply and Quality

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
<i>SERIES 1</i>	<i>SERIES 2</i>	<i>SERIES 3</i>	<i>SERIES 4</i>
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Average Total:

0.00

Existing Needs Perspective Diagram



**Strategic Interpretation**

**Detail situation assessments per Topic element**

*5.8 Operation & Maintenance Plan*

Interpret Situation Assessment:	An Operation & Maintenance Plan is not in place. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.9.1 Resources*

Interpret Situation Assessment:	The DM does not have the human resources to fulfill all the functions. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.9.2 Information*

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.9.3 Activity Control & Management*

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.10 Water Supply and Quality*

Interpret Situation Assessment:	The quality of water taken from the source is often only measured at the water treatment works. There is currently no monitoring programme or regular testing of water quality in the rural areas. Water quality is only tested when a new borehole is developed. The DM does not have the economic or human resources to institute proper quality control measures that will comply with SANS 241 specifications. Water abstracted directly from surface or groundwater for the rural schemes are manually chlorinated in the reservoirs without prior water quality testing. The 2006 WSDP needs to be reviewed
---------------------------------	---

*5.11 Waste Water Supply and Quality*

Interpret Situation Assessment:	The water returned to resource in the urban areas is from the WwTW and stormwater systems. Monitoring of stormwater quality does not occur. There is no formal water treatment process in the rural areas. Wastewater flows directly into the ground via French drains or the like. The 2006 WSDP needs to be reviewed
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## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
5.8 Operation & Maintenance Plan	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.9.1 Resources	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.9.2 Information	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.9.3 Activity Control & Management	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.10 Water Supply and Quality	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
5.11 Waste Water Supply and Quality	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 5.2: Water Services Infrastructure Management									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Business Element 6: Associated Services (Topic 6)

#### WSDP Status Quo Knowledge Interpretation Report

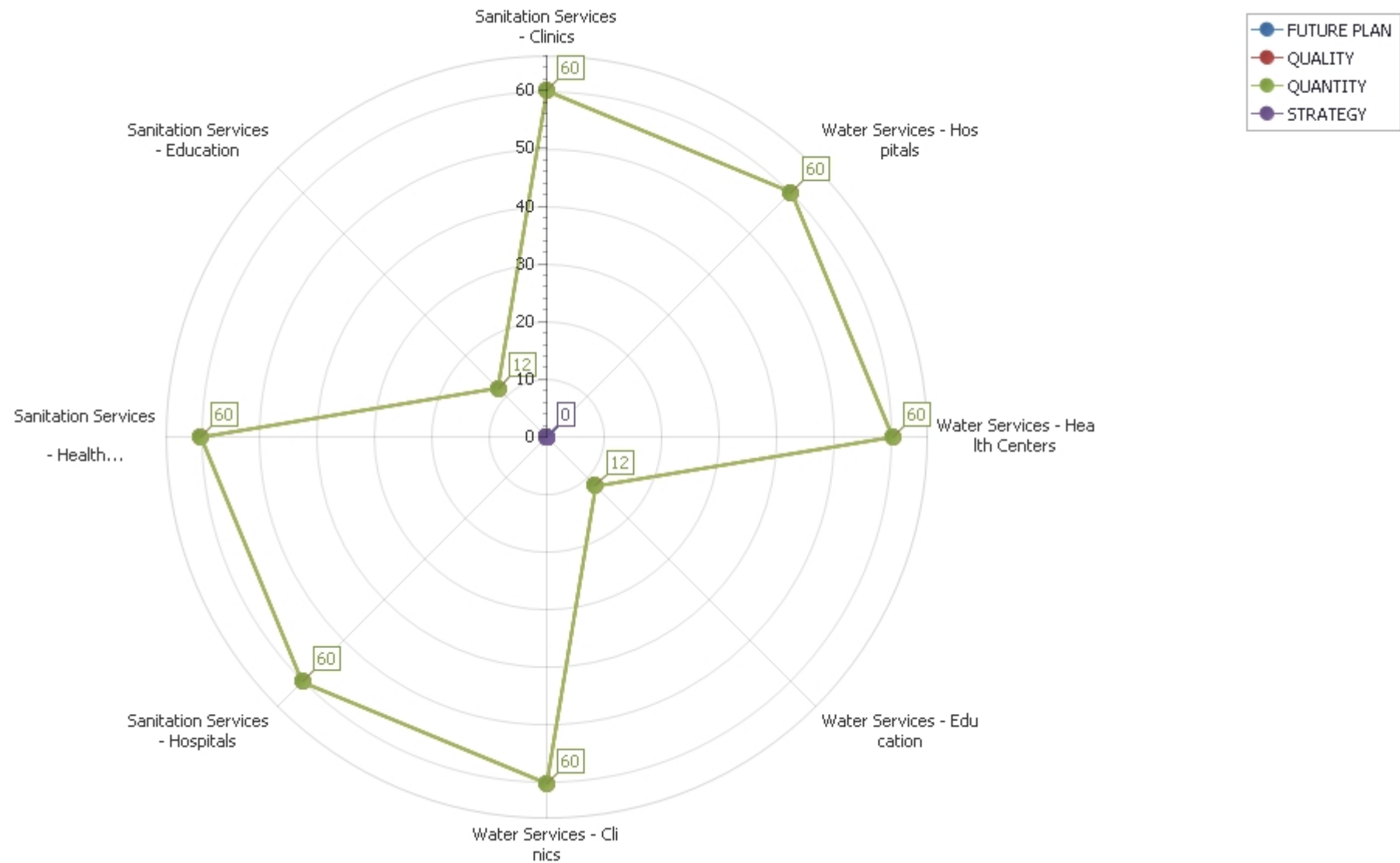
Water Services - Education  
 Water Services - Hospitals  
 Water Services - Health Centers  
 Water Services - Clinics  
 Sanitation Services - Education  
 Sanitation Services - Hospitals  
 Sanitation Services - Health Centers  
 Sanitation Services - Clinics

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
SERIES 1	SERIES 2	SERIES 3	SERIES 4
12.00	12.00	0.00	0.00
60.00	60.00	0.00	0.00
60.00	60.00	0.00	0.00
60.00	60.00	0.00	0.00
12.00	12.00	0.00	0.00
60.00	60.00	0.00	0.00
60.00	60.00	0.00	0.00
60.00	60.00	0.00	0.00
48.00	48.00	0.00	0.00

Average Total:

24.00

Existing Needs Perspective Diagram



Average Total: 24.00

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### *Water Services - Education*

Interpret Situation Assessment:	The number of schools receiving adequate services need to be confirmed. The 2006 WSDP needs to be reviewed
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##### *Water Services - Hospitals*

Interpret Situation Assessment:	The number of hospitals receiving adequate and inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
---------------------------------	---

##### *Water Services - Health Centers*

Interpret Situation Assessment:	The number of health centers receiving adequate and inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
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##### *Water Services - Clinics*

Interpret Situation Assessment:	The number of clinics receiving adequate or inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
---------------------------------	--

##### *Sanitation Services - Education*

Interpret Situation Assessment:	The number of clinics receiving adequate or inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
---------------------------------	--



**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

*Sanitation Services - Hospitals*

Interpret Situation Assessment:	The number of clinics receiving adequate or inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
---------------------------------	--

*Sanitation Services - Health Centers*

Interpret Situation Assessment:	The number of clinics receiving adequate or inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
---------------------------------	--

*Sanitation Services - Clinics*

Interpret Situation Assessment:	The number of clinics receiving adequate or inadequate services need to be confirmed. The 2006 WSDP needs to be reviewed
---------------------------------	--

## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
Water Services - Education	12.00	12.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water Services - Hospitals	60.00	60.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water Services - Health Centers	60.00	60.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Water Services - Clinics	60.00	60.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation Services - Education	12.00	12.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation Services - Hospitals	60.00	60.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation Services - Health Centers	60.00	60.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Sanitation Services - Clinics	60.00	60.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 6: Associated services									

## Water Services Development Plan

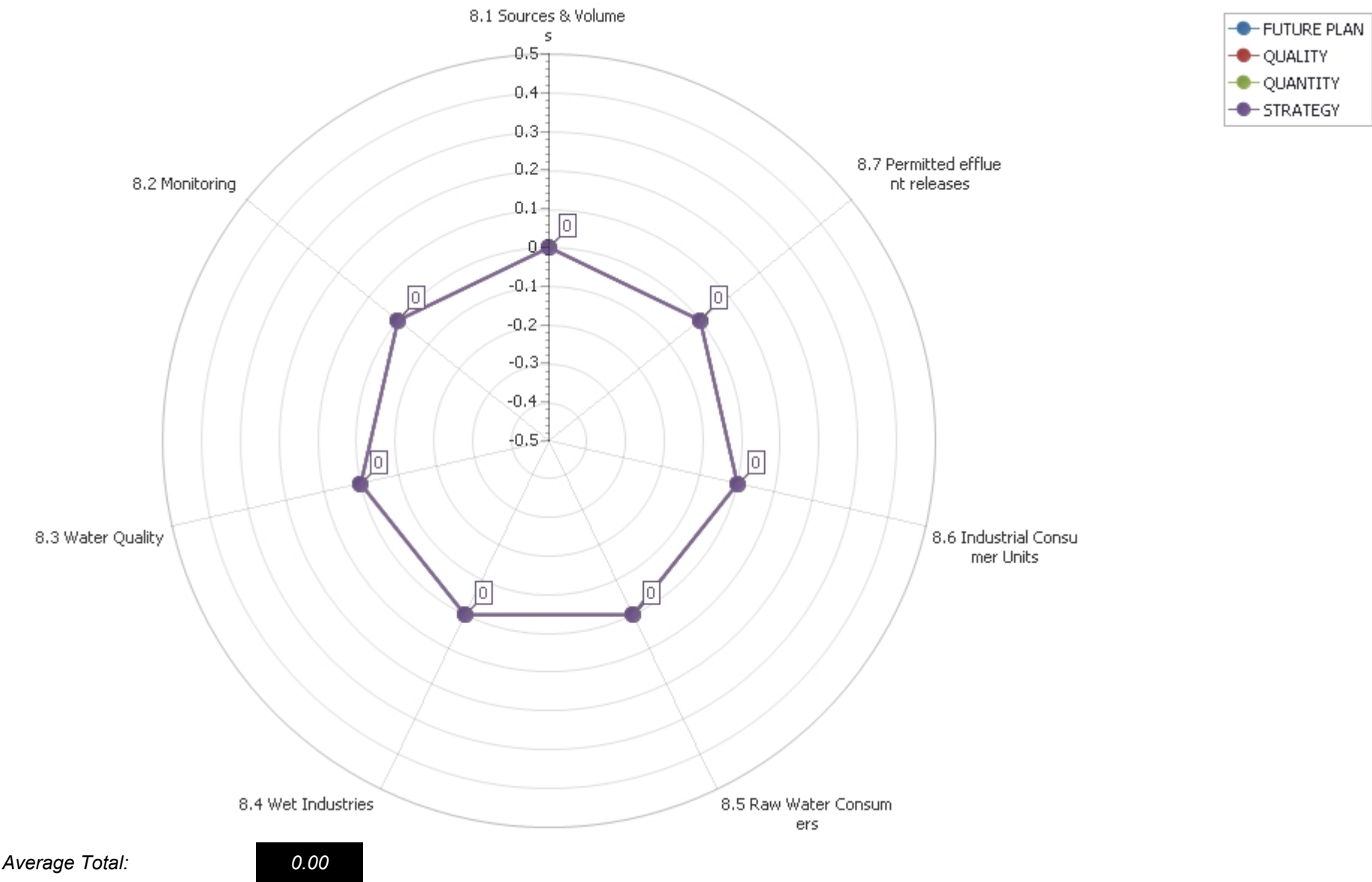
Staging Data

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			
2	Confirm the number of schools and clinics receiving adequate and inadequate services	All public institutions receive adequate levels of services	The number of schools and clinics receiving adequate and inadequate services are inaccurate		Confirm the number of schools and clinics receiving adequate and inadequate services	Update WSDP			

## WSDP Status Quo Knowledge Interpretation Report

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
SERIES 1	SERIES 2	SERIES 3	SERIES 4
0.00	0.00		
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
Average Total:			0.00

Existing Needs Perspective Diagram



# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### 8.2 Monitoring

Interpret Situation Assessment:	The quality of bulk water taken from the source is often only measured at the water treatment works. Monitoring intervals are monitored daily at the treatment works. There is currently no monitoring programme or regular testing of water quality in the rural areas. The 2006 WSDP needs to be reviewed
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##### 8.3 Water Quality

Interpret Situation Assessment:	The quality of bulk water is often only measured at the treatment works. Regular testing of water quality in the rural areas does not take place. Generally, water quality is only tested when a new boreholes is developed. Water purchased from the urban for rural water schemes will have undergone the necessary quality monitoring and testing. Water abstracted directly from surface or groundwater are manually chlorinated in the reservoirs without prior water quality testing. The 2006 WSDP needs to be reviewed
---------------------------------	--

##### 8.4 Wet Industries

Interpret Situation Assessment:	The DM categorises consumers using more than 1,000 kl per month as wet industry consumers. The billing system utilised for industry is a stepped tariff. This section section has not been updated since 2003 due to lack of information. The 2006 WSDP needs to be reviewed
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##### 8.5 Raw Water Consumers

Interpret Situation Assessment:	Information is lacking. The 2006 WSDP needs to be reviewed
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##### 8.6 Industrial Consumer Units

Interpret Situation Assessment:	No industry discharges wastewater directly into the river system. All wastewater passes through the Ladysmith, Ezakheni or Estcourt WWTW and all effluent discharged into the Klip, Tugela, Bushmans, Sandspruit and Little Tugela Rivers meet the industry standards. Information is lacking. The 2006 WSDP needs to be reviewed
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*8.7 Permitted effluent releases*

Interpret Situation Assessment:	No industry discharges wastewater directly into the river system. All wastewater passes through the Ladysmith, Ezakheni or Estcourt WWTW. Detail on the permitted effluent concentrations and volumes allowed into the municipal WWTWs is not available. The 2006 WSDP needs to be reviewed
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## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
8.2 Monitoring	0.00	0.00	0.00	0.00	Y	100.00	Obtain licences for surface and groundwater abstractions. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
8.3 Water Quality	0.00	0.00	0.00	0.00	Y	100.00	Develop an effective water quality monitoring programme that satisfies SANS 241. Pollution contingency plan needs to be put in place. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
8.4 Wet Industries	0.00	0.00	0.00	0.00	Y	100.00	Confirm number of wet industries within the DM. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
8.5 Raw Water Consumers	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
8.6 Industrial Consumer Units	0.00	0.00	0.00	0.00	Y	100.00	Confirm number of industrial consumer units. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
8.7 Permitted effluent releases	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 8: Water Resources									



## Water Services Development Plan

Staging Data

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			
2	Improve record keeping of information	All information is recorded and electronically available	Record keeping in the DM is very poor and needs to improve. Information is not available in electronic format		Improve record keeping of information	Update WSDP			
3	Obtain licences for all surface water and groundwater abstractions	All abstractions are registered	Many licences are outstanding for surface water and groundwater abstractions		Obtain licences for all surface water and groundwater abstractions	Update WSDP			
4	Establish pollution contingency plans	Pollution contingency plans are in place	No formal pollution contingency plans exists for major pollution events		Establish pollution contingency plans	Update WSDP			

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

**Business Element 8: Conservation & Demand Management - Water Resource (Topic 7.1)**

**WSDP Status Quo Knowledge Interpretation Report**

7.1.1 Reducing unaccounted water and water inefficiencies

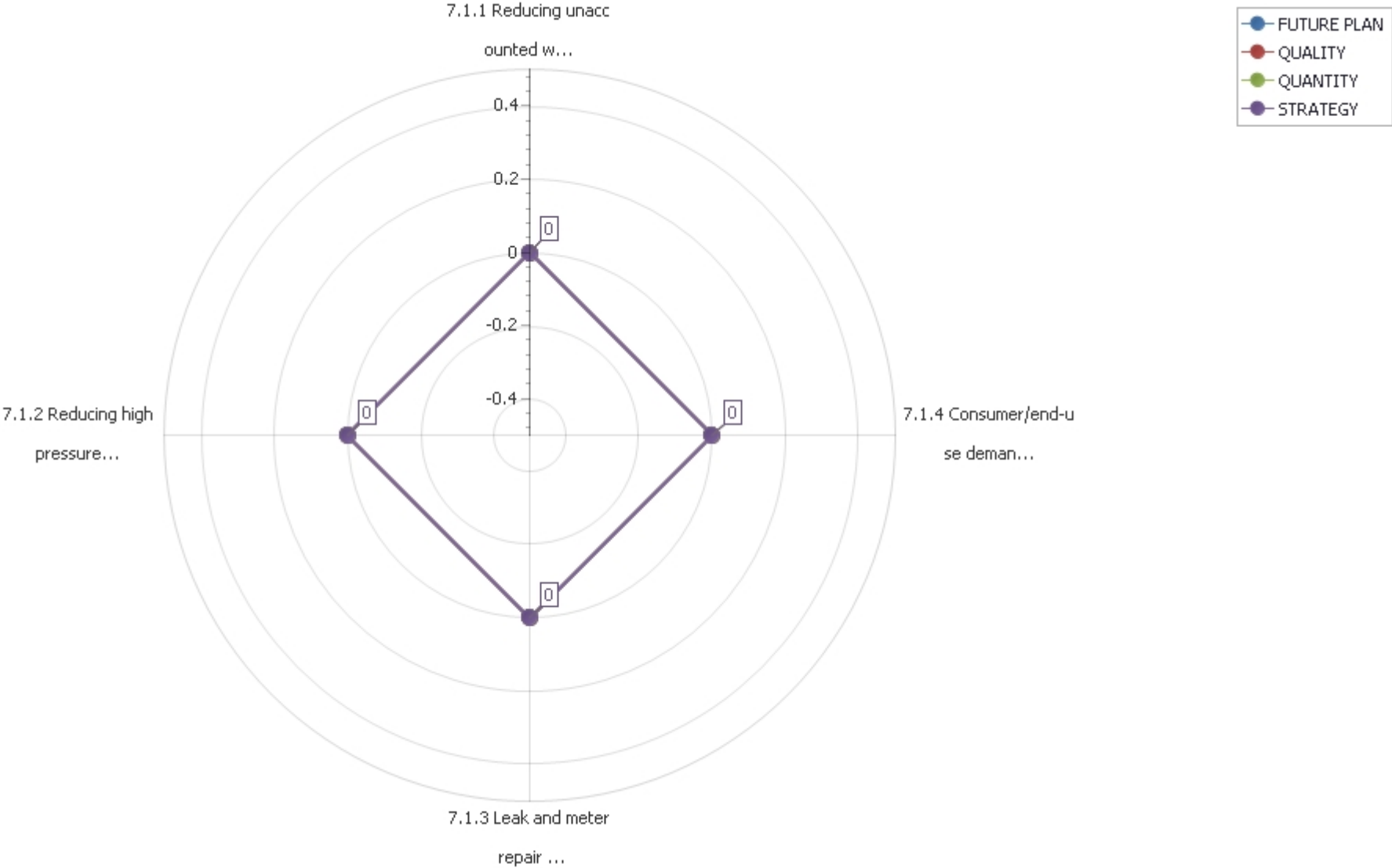
7.1.2 Reducing high pressures for residential consumers. Number of consumer units with water supply pressure of:

7.1.3 Leak and meter repair programmes. Consumer units targeted by:

7.1.4 Consumer/end-use demand management: Public Information & Education Programmes

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
SERIES 1	SERIES 2	SERIES 3	SERIES 4
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
Average Total:		0.00	

Existing Needs Perspective Diagram



Average Total: 0.00

**Strategic Interpretation**

**Detail situation assessments per Topic element**

*7.1.1 Reducing unaccounted water and water inefficiencies*

Interpret Situation Assessment:	Inadequate metering infrastructure exists and no meter reading programme is in place to accurately determine water losses. Proper maintenance of the entire water services network is required to improve efficiency. The implementation of a water loss management programme will delay the need for future extensions to WWTW and also reduce the load on the current WWTW. The 2006 WSDP needs to be reviewed
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*7.1.2 Reducing high pressures for residential consumers*

Interpret Situation Assessment:	No pressure management study has been carried out. All maintenance is on a demand basis. Management programmes for pipelines and rehabilitation are not in place. The 2006 WSDP needs to be reviewed
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*7.1.3 Leak and meter repair programmes*

Interpret Situation Assessment:	Inadequate metering infrastructure exists and no meter reading programme is in place to accurately determine water losses. The 2006 WSDP needs to be reviewed
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*7.1.4 Consumer/end-use demand management*

Interpret Situation Assessment:	There are no education programmes on consumer demand management that target the schools or the public. The 2006 WSDP needs to be reviewed
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## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
7.1.1 Reducing unaccounted water and water inefficiencies	0.00	0.00	0.00	0.00	Y	100.00	Develop and implement a Water Conservation and Demand Management Strategy. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
7.1.2 Reducing high pressures for residential consumers	0.00	0.00	0.00	0.00	Y	100.00	Develop and implement a WC&DM Strategy. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
7.1.3 Leak and meter repair programmes	0.00	0.00	0.00	0.00	Y	100.00	Develop and implement a meter reading programme. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
7.1.4 Consumer/end-use demand management	0.00	0.00	0.00	0.00	Y	100.00	Implement education programmes. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

## WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 7.1: Conservation and Demand management - Water Resource Management									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			
2	Develop and implement leak and meter repair programmes	Leak and meter repair programmes in place	No leak and meter repair programmes are in place		Develop and implement leak and meter repair programmes	Update WSDP			

## Water Services Development Plan

Staging Data

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
3	Develop and implement a WC&DM Strategy	WC&DM Strategy in place	uThukela does not have a WC&DM Strategy in place		Develop and implement a WC&DM Strategy	Update WSDP			
4	Develop and implement a meter reading programme	Meter reading programme in place	uThukela does not have a meter reading programme in place		Develop and implement a meter reading programme	Update WSDP			
5	Implement education awareness programmes	Schools and public are targeted through awareness programmes	uThukela does not have education programmes in place to target schools and the public		Implement education awareness programmes	Update WSDP			

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

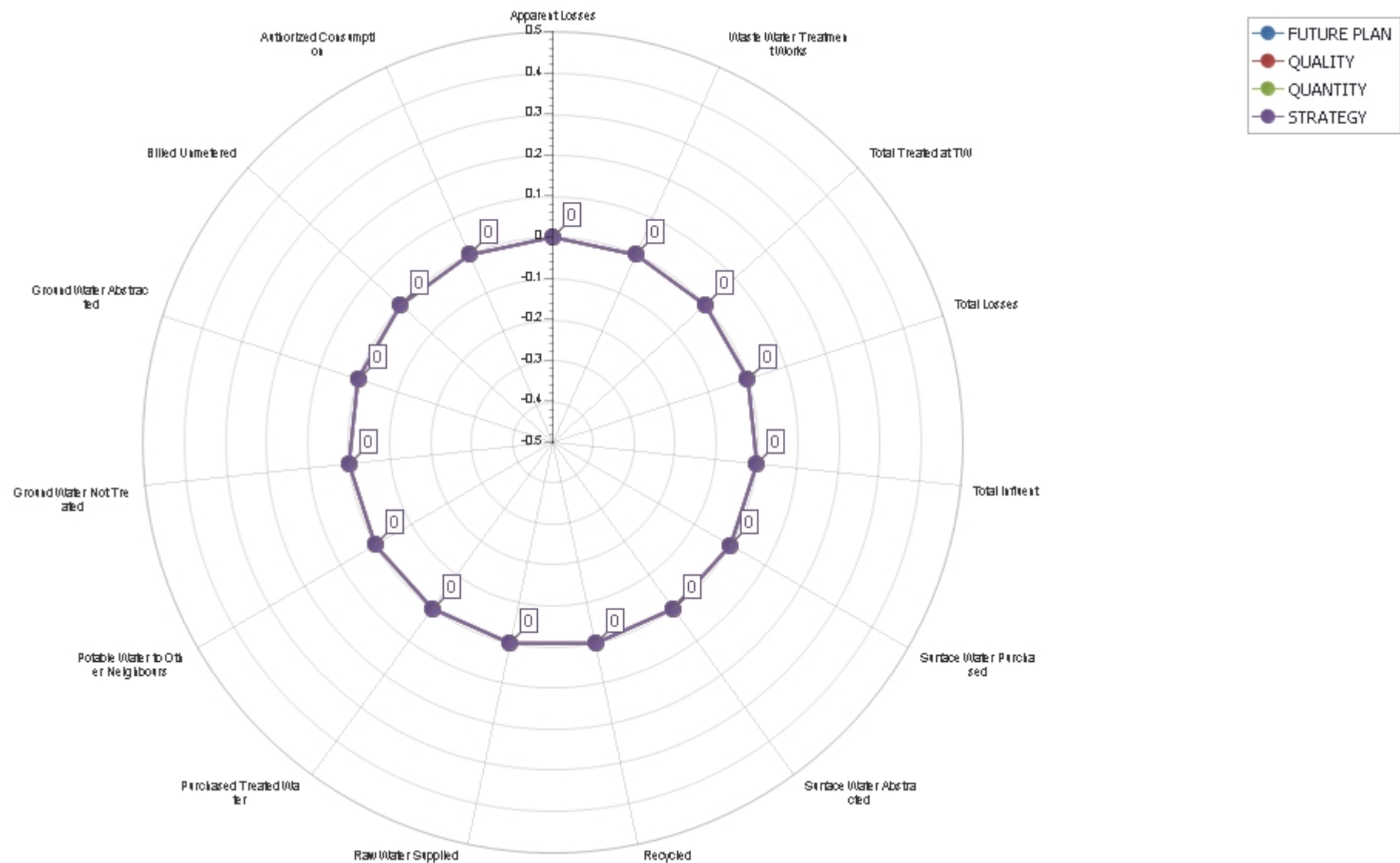
Staging Data

**Business Element 8: Conservation & Demand Management - Water Balance (Topic 7.2)**

**WSDP Status Quo Knowledge Interpretation Report**

	Assesment		Future Plan Assesment	Strategy Assesment
	Quality	Quantity		
	SERIES 1	SERIES 2	SERIES 3	SERIES 4
Surface Water Purchased	0.00	0.00	0.00	0.00
Surface Water Abstracted	0.00	0.00	0.00	0.00
Ground Water Abstracted	0.00	0.00	0.00	0.00
Raw Water Supplied	0.00	0.00	0.00	0.00
Total Influent	0.00	0.00	0.00	0.00
Total Treated at TW	0.00	0.00	0.00	0.00
Potable Water to Other Neighbours	0.00	0.00	0.00	0.00
Purchased Treated Water	0.00	0.00	0.00	0.00
Ground Water Not Treated	0.00	0.00	0.00	0.00
Authorized Consumption	0.00	0.00	0.00	0.00
Total Losses	0.00	0.00	0.00	0.00
Billed Unmetered	0.00	0.00	0.00	0.00
Apparent Losses	0.00	0.00	0.00	0.00
Waste Water Treatment Works	0.00	0.00	0.00	0.00
Recycled	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
Average Total:				0.00

Existing Needs Perspective Diagram



Average Total: 0.00



# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### *Surface Water Purchased*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The DM does not purchase bulk water from outside its area of jurisdiction. The 2006 WSDP needs to be reviewed
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##### *Surface Water Abstracted*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. All urban supply if from surface water. The 2006 WSDP needs to be reviewed
---------------------------------	--

##### *Ground Water Abstracted*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

##### *Raw Water Supplied*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
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##### *Total Influent*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
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# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Total Treated at TW

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

### Potable Water to Other Neighbours

Interpret Situation Assessment:	Water is abstracted from the region for use in Gauteng
---------------------------------	--

### Purchased Treated Water

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

### Ground Water Not Treated

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

### Authorized Consumption

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
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### Total Losses

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
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**Water Services Development Plan**

Staging Data

*Billed Unmetered*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

*Apparent Losses*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

*Waste Water Treatment Works*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
---------------------------------	--

*Recycled*

Interpret Situation Assessment:	Insufficient information relating to abstraction and distribution in the DM is available to complete a comprehensive water balance. The 2006 WSDP needs to be reviewed
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## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
Surface Water Purchased	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Surface Water Abstracted	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Ground Water Abstracted	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Raw Water Supplied	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Total Influent	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Total Treated at TW	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Potable Water to Other Neighbours	0.00	0.00	0.00	0.00	N	100.00														100.00
Purchased Treated Water	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Ground Water Not Treated	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Authorized Consumption	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Total Losses	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

## Water Services Development Plan

Staging Data

Billed Unmetered	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Apparent Losses	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Waste Water Treatment Works	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
Recycled	0.00	0.00	0.00	0.00	Y	100.00	Implement systems to calculate and monitor the water balance. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 7.2: Conservation and Demand management - Water Balance									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			
2	Implement systems to calculate and monitor the water balance.	Water balance for all supply schemes are available	uThukela has no systems in place to monitor the water balance in all the supply schemes		Implement systems to calculate and monitor the water balance.	Update WSDP			

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Business Element 10: Water Services Institutional Arrangements (Topic 10)

#### WSDP Status Quo Knowledge Interpretation Report

10.1.1 Policy development

10.1.2 Regulation and tariffs

10.1.3 Infrastructure development (projects)

10.1.4 Performance management and monitoring

10.1.5 WSDP

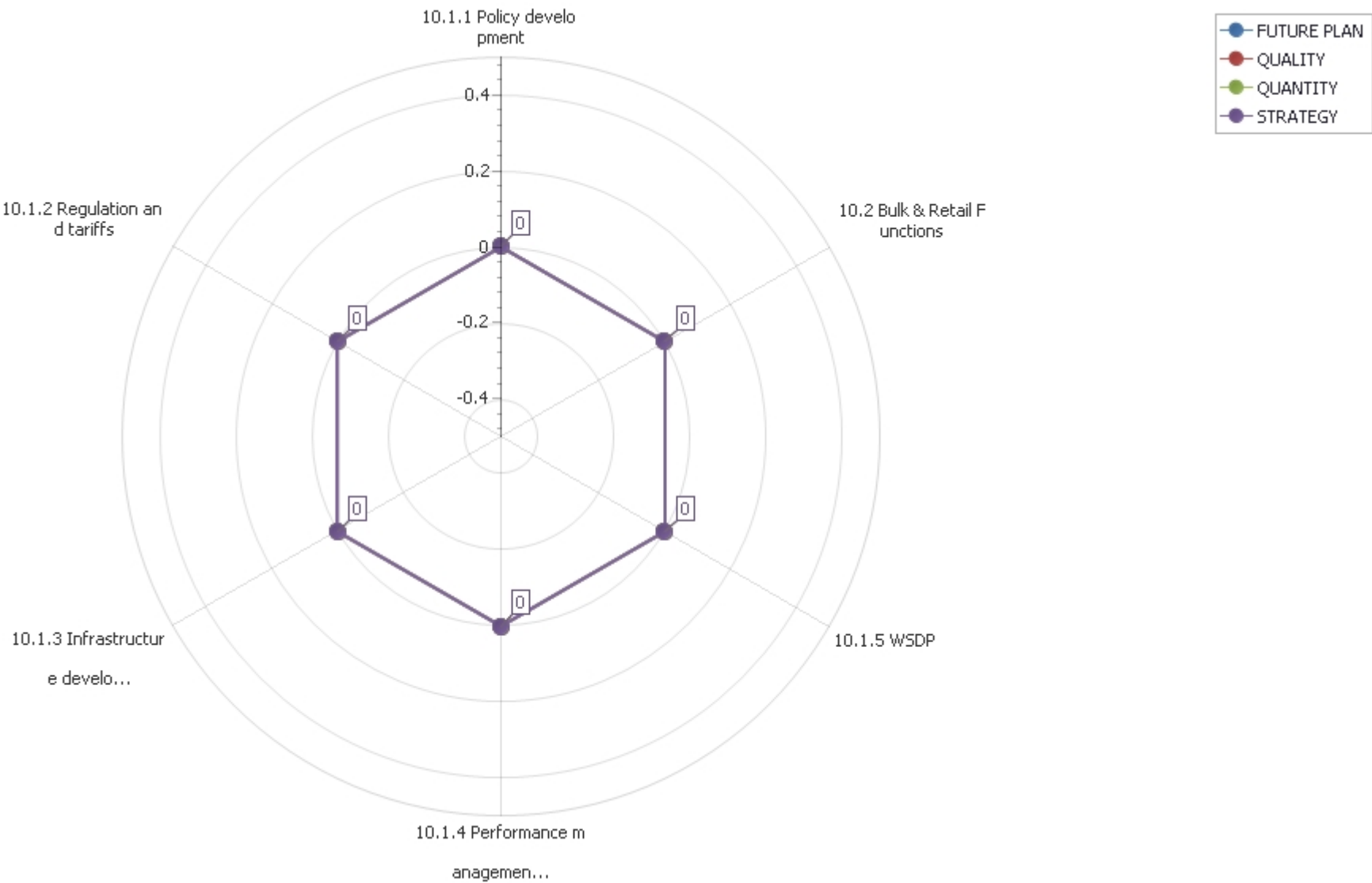
10.2 Bulk & Retail Functions

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
SERIES 1	SERIES 2	SERIES 3	SERIES 4
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Average Total:

0.00

Existing Needs Perspective Diagram



Average Total: 0.00

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### 10.1.1 Policy development

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
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##### 10.1.2 Regulation and tariffs

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
---------------------------------	---

##### 10.1.3 Infrastructure development (projects)

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
---------------------------------	---

##### 10.1.4 Performance management and monitoring

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
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##### 10.1.5 WSDP

Interpret Situation Assessment:	Uthukela DM needs to have mechanisms in place to monitor and report on WSDP implementation. Staff were unable to provide information for the update of the WSDP. The 2006 WSDP needs to be reviewed
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*10.2 Bulk & Retail Functions*

Interpret Situation Assessment:	The uThukela DM has taken the decision to retain all WSP functions internally. There are no WSP, service or support contract for either water or sanitation
---------------------------------	---

## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
10.1.1 Policy development	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
10.1.2 Regulation and tariffs	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
10.1.3 Infrastructure development (projects)	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
10.1.4 Performance management and monitoring	0.00	0.00	0.00	0.00	Y	100.00	uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
10.1.5 WSDP	0.00	0.00	0.00	0.00	Y	100.00	The DM needs to put mechanisms in place to monitor WSDP implementation. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
10.2 Bulk & Retail Functions	0.00	0.00	0.00	0.00	N	100.00														100.00

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 10: Institutional Arrangements profile									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			

**Water Services Development Plan**

Staging Data

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
2	Establish mechanisms to monitor and implement the WSDP	Mechanisms in place to monitor and implement the WSDP							

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Business Element 11: Customer Service Requirements (Topic 11)

#### WSDP Status Quo Knowledge Interpretation Report

11.1 Resources available to Perform this Function

11.2 Attending to Complaints for Water

11.3 Attending to Complaints for Sanitation: Discharge to Treatment Works

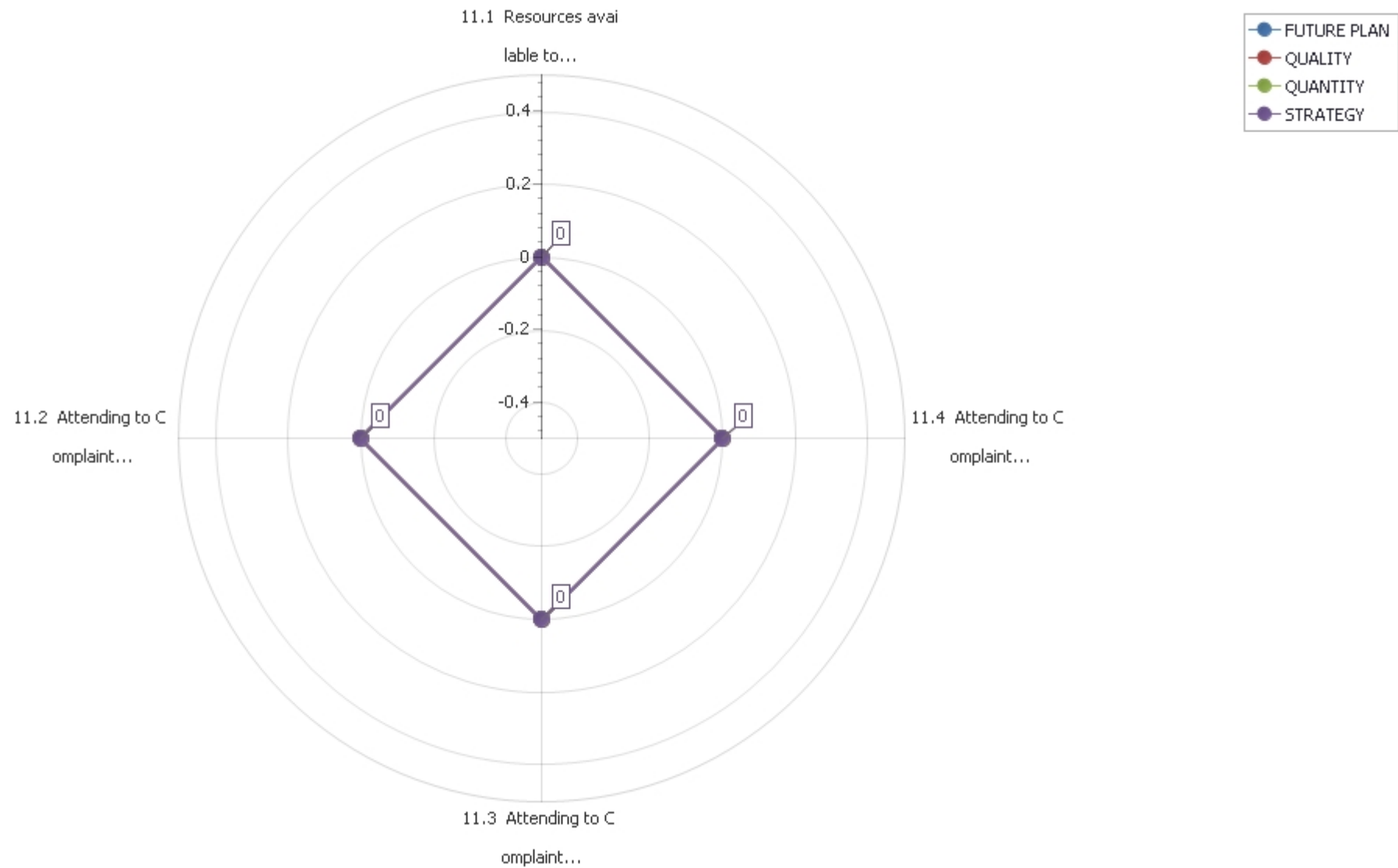
11.4 Attending to Complaints for Sanitation: Pit/Tank Pumping

Assesment		Future Plan Assesment	Strategy Assesment
Quality	Quantity		
<i>SERIES 1</i>	<i>SERIES 2</i>	<i>SERIES 3</i>	<i>SERIES 4</i>
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Average Total:

0.00

Existing Needs Perspective Diagram



Average Total: 0.00

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### Strategic Interpretation

#### Detail situation assessments per Topic element

##### 11.1 Resources available to Perform this Function

Interpret Situation Assessment:	Information is lacking to complete this section. The 2006 WSDP needs to be reviewed
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##### 11.2 Attending to Complaints for Water

Interpret Situation Assessment:	Information is lacking. The 2006 WSDP needs to be reviewed
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##### 11.3 Attending to Complaints for Sanitation: Discharge to Treatment Works

Interpret Situation Assessment:	Information is lacking. The 2006 WSDP needs to be reviewed
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##### 11.4 Attending to Complaints for Sanitation: Pit/Tank Pumping

Interpret Situation Assessment:	Information is lacking. The 2006 WSDP needs to be reviewed
---------------------------------	--

## Water Services Development Plan

Staging Data

Business Element Report Items	Business Element Report Item % Score				Intervention Required	%	Solution description as defined by topic situation assessment	%	Is there an Existing project addressing this problem?	%	Does this current listed project address the problem totally?	%	Project Approved by Council as part of WSDP Database?	%	Approved by council, in project database and part of 5 yr IDP cycle projects	%	Project listed in 3 yr MTEF - cycle	%	Total Points	Current Demand Overall Scoring %
	Quality	Quantity	Future	Strategy																
11.1 Resources available to Perform this Function	0.00	0.00	0.00	0.00	Y	100.00	uThukela to establish a complaints control system.uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
11.2 Attending to Complaints for Water	0.00	0.00	0.00	0.00	Y	100.00	Procedures to be put in place for responding to queries. A complaints control system must be put in place. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
11.3 Attending to Complaints for Sanitation: Discharge to Treatment Works	0.00	0.00	0.00	0.00	Y	100.00	Procedures to be put in place for responding to queries. A complaints control system must be put in place. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57
11.4 Attending to Complaints for Sanitation: Pit/Tank Pumping	0.00	0.00	0.00	0.00	Y	100.00	Procedures to be put in place for responding to queries. A complaints control system must be put in place. uThukela to review and update their WSDP to conform to the latest DWS WSDP 2012 Guideline format	100.00	N	0.00									200.00	28.57

Overall strategies for the topic based on topic element situation assessments.

WSDP FY2015: Strategies and Objectives

Uthukela

Nr	Objective  Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
WSDP Topic 11: Customer service requirements									
1	Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	WSDP transformed to the DWS WSDP 2012 Guideline format	uThukela's latest 2006 review of the WSDP is in written format. A review of the WSDP is necessary as extensive information is lacking		Transform and conform to the latest DWS WSDP 2012 Guideline format on the DWS website	Review and update WSDP Module 1			

**Water Services Development Plan**

Staging Data

Nr	Objective Strategy	Key Performance Indicator	Baseline (2014 status quo)	Linked Project	WSDP	WSDP	WSDP	WSDP	WSDP
					FY2015	FY2016	FY2017	FY2018	FY2019
					Target	Target	Target	Target	Target
2	Establish a complaints control system to ensure consumer satisfaction	All complaints attended to and recorded	The number of complaints received are not recorded		Establish a complaints control system to ensure consumer satisfaction	Update WSDP			



## Water Services Development Plan

Staging Data

**Chapter 2:****2.2. Water Master Plan Perspective**

List of projects per Water Services Business Element (Topics) based on Demand Modeling

Question		Answer	Score
1.	Is there a Water Master Plan that addresses Future Demands in regards to the following:		
a.	Existing needs that will take more than 5 years to resolve	Yes	25
b.	Resource Development Plan for a 5, 10 and 15 year scenario		0
c.	Infrastructure Development Plan for a 5, 10 and 15 year scenario		0
d.	Functionality Needs Prediction for a 5, 10 and 15 year scenario		0
2.	Are there project identified and approved by council for the following needs:		
a.	Existing needs that will take more than 5 years to resolve		0
b.	Resource Development Plan for a 5, 10 and 15 year scenario		0
c.	Infrastructure Development Plan for a 5, 10 and 15 year scenario		0
d.	Functionality Needs Prediction for a 5, 10 and 15 year scenario		0
3.	Are these future projects included in the next 5 year IDP programme for the following:		
a.	Existing needs that will take more than 5 years to resolve		0
b.	Resource Development Plan for a 5, 10 and 15 year scenario		0
c.	Infrastructure Development Plan for a 5, 10 and 15 year scenario		0
d.	Functionality Needs Prediction for a 5, 10 and 15 year scenario		0
4.	Taking in to consideration the current financial and institutional capacity of the WSA, score the probability scenario of the timeous implementation of these projects i		
a.	Existing needs that will take more than 5 years to resolve		0
b.	Resource Development Plan for a 5, 10 and 15 year scenario		0
c.	Infrastructure Development Plan for a 5, 10 and 15 year scenario		0
d.	Functionality Needs Prediction for a 5, 10 and 15 year scenario		0

Overall Water Master Plan Perspective Score:	6.25%
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**Chapter 3: Investment Framework**

Investment Framework costs per Infrastructure Component

Infrastructure Type	Infrastructure Component	Replacement Cost				Refurbishment Cost			
		5 yr	10 yr	15 yr	Existing Value	5 yr	10 yr	15 yr	Existing Value
Water Infrastructure Pipelines	Water Internal Reticulation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Water Bulk pipeline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sanitation Infrastructure Pipelines	Sewer internal Reticulation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sewer Bulk pipeline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Infrastructure Works	WTW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	WWTW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Water Pump stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sanitation Pump stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Infrastructure	Reservoirs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

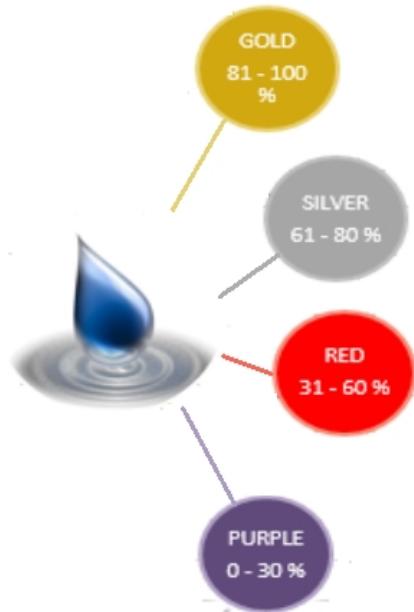
Investment Framework costs per Future Infrastructure Component

Infrastructure Type	Infrastructure Component	New Development Cost			
		5 yr	10 yr	15 yr	Existing Value
Water Infrastructure Pipelines	Water Internal Reticulation	0.00	0.00	0.00	0.00
	Water Bulk pipeline	0.00	0.00	0.00	0.00
Sanitation Infrastructure Pipelines	Sewer internal Reticulation	0.00	0.00	0.00	0.00
	Sewer Bulk pipeline	0.00	0.00	0.00	0.00
Infrastructure Works	WTW	0.00	0.00	0.00	0.00
	WWTW	0.00	0.00	0.00	0.00
	Water Pump stations	0.00	0.00	0.00	0.00
	Sanitation Pump stations	0.00	0.00	0.00	0.00
Infrastructure	Reservoirs	0.00	0.00	0.00	0.00

**Chapter 4: WSDP Scoring**

Current Demand Plan	Future Demand Plan	Total Score	STATUS
33.69	6.25	19.97	

**Water Service Planning Status Bar Legend**



## Water Services Development Plan

Staging Data

## WSDP Projects

Project Description			Project Category	Total Cost
Project Name	Project Number	Project Description	Main Category	Total Project Cost
Bergville Bulk Water Supply Extension and Reticulation	2006MIGFDC23113342	The purpose of this project is to establish a water supply infrastructure to ser the needs of some 11,800 people residing in 5 distinctive informal settlemes	Water	R 24,362,664
Bhekuzulu-Epangweni Community Water Supply (AFA) MIS 201661	2010MIGFDC23196318	The project covers an area of approximately 270 square kilometres in extent and is located 30 km north west of Estcourt, and 15 km south of Winterton, Kwazulu Natal. It includes all communities within the Amangwe Tribal Authority, as well as Bhekuzul	Water	R 272,728,464
Driefontein Complex Bulk	KNR010	1. Establishment of potable bulk water supply to Driefontein complex: A. new pumpstation at L/S treatment works B. booster P/S between L/S and driefontein C. bulk feeder mains-13km D. new 3ml balancing reservoir at Hopsland.	Water	R 326,318,000
Driefontein Complex Bulk Water Supply	2006MIGFDC23112081	To Establish water supply to serve the needs of approx 34830 residents in 33 distincive community settlement.	Water	R 126,101,362
Emergency repairs to the Spioenkop to Ladysmith Bulk Water Supply Pipeline	2012MIGFDC23209383	UTHukela District Municipality as the Water Services Authority has a legislative requirement to provide a hygienic water supply and sanitation to all people within the district and has embarked on a programme to deliver these services to all househ	Water	R 3,782,830
Emergency Upgrade of Wagonsdrift Pump Station	2012MIGFDC23207795	This project if for the emergency procurement of 3 new pumps , transformers and motor control centres fot Wagonsdrift Pump Station in the Umtshezi Local Municipality within the Uthukela District Municipality. Water from the Wagonsdrift is used to sup	Water	R 8,516,370
Ezakhani / Emnambithi WCDM	ZKZNUTHUK01	This project aims at reducing loss of raw water in the Ezakhani Water Supply Area. Project incl. Improved bulk water metering; Installation of dedicated rising mains to distribution reservoirs; AC replacement; Pressure zoning and pressure reduction.	Water	R 3,788,839
Ezakhani/Emnambithi Bulk Water Infrastructure Upgrade	ZKZNUTHUK11	WC/WDM interventions: Lombardskop rising rain; rehabilitation & upgrade of Abattoir Reservoir booster PS; integrity assessment of existing pipeline; remedial work to reservoir; strategic adjustments to reservoir chamber & distribution mains.	Water	R 77,942,236
Ezakhani: Water and Sanitation	ZKZNUTHUK07	Feasibility study - water and sanitation needs of 642 housing units within the project Ezakhani E section. The housing project did not include for any infrastructure services.	Water	R 8,088,480

## Water Services Development Plan

Staging Data

Project Description			Project Category	Total Cost
Project Name	Project Number	Project Description	Main Category	Total Project Cost
Ezakheni_Emnambithi Bulk Water Infrastructure Upgrade Project - Design Phase (AFA) MIS 216393	2011MIGFDC23202432	It is obvious that, currently the bulk water infrastructure of Ezakheni & Ladysmith is operating at or beyond capacity, which is a constraint on further development within the area. It is required that the bulk water master plan shall reflect, at	Water	R 40,699,215
Fitty Park Umhlumayo Extensions	2008MIGFDC23162167	The project entails the transfer of water from the existing uMhlumayo Community Water Supply Scheme to the Fitty Park/Waaihoek areas adjacent to the scheme. The project serves to supply water to 2100 families (16800 population) in the Fitty Park and	Water	R 15,700,000
Fitty Park Umhlumayo Extensions (Addendum)	ZKZNUTHUK05	Project to extend lines into areas where the required standpipe spacing has not been addressed.	Water	R 8,892,918
Imbabazane LM Ward 12 Sanitation Project	2011MIGFDC23200780	Ward 12 is prioritized by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the communities of ward 12. Once the project is completed, basic sani	Sanitation	R 22,150,856
Indaka Boreholes	ZKZNUTHUK06	Drilling of boreholes will be strategic (where a cluster of households are) to try and adhere to a walking distance as advocated by the Water Act.	Water	R 6,500,000
Indaka LM Ward 6 Sanitation Project	2011MIGFDC23201479	Ward 6 is prioritised by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the communities of ward 6 by UTM. The population to be covered in t	Sanitation	R 21,911,806
Indaka LM Ward 7 Sanitation Project	2011MIGFDC23201255	Ward 7 is prioritised by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the communities of ward 7 by UTM. The population to be covered in t	Sanitation	R 17,440,081
Indaka LM Ward 8 Sanitation Project	2011MIGFDC23201465	Ward 8 is prioritized by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the community of ward 8 by UTM. The population to be covered in the p	Sanitation	R 19,508,483
Indaka LM Ward 9 Sanitation Project	2011MIGFDC23201450	Ward 9 is prioritised by uThukela District Municipality for the first time in its sanitation programme. The population to be covered in the project area is 18,697 people made up of 2, 671 households. This information was obtained through a survey tha	Sanitation	R 19,894,580

**Water Services Development Plan**

Staging Data

Project Description			Project Category	Total Cost
Project Name	Project Number	Project Description	Main Category	Total Project Cost
INDAKA WARD 3 SANITATION - ETHOLENI	2013MIGFDC23215061	The extended community of Ward 3 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 3 is prioritised by uThukela District Municipality for the first	Sanitation	R 30,910,242
Kwanobamba-Ezitendeni (Weenen) Water Supply Project	2013MIGFDC23213176	The KwaNobamba-Ezitendeni Water Supply Project: will serve communities of the Umtshezi Local Municipality within the Uthukela District Municipality. The project area, which is approximately 75.4 km <sup>2</sup> in extent, is located in the Umtshezi Local Municipality	Water	R 207,769,329
Mathandwane Ward 17 Sanitation Project	2013MIGFDC23213926	The extended community of Ward 17 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 17 is prioritised by uThukela District Municipality for the first	Sanitation	R 28,109,403
Moyeni / Zwelisha Community Water Scheme	2007MIGFDC23147504	This project forms an extension to the existing Moyeni CWSS (KN140) and Zwelisha CWSS (KN345). These projects do not have a MIG number and have been implemented through a combination of DWAF, CMIP and MIG whilst retaining their KN numbers. During the	Water	R 9,357,063
Moyeni/ Zwelisha RWSS Ph. 4 (Dukuza / Hoffenthal) (AFA) MIS 172338	2006MIGFDC23111829	Detailed design & construction of bulk supply, storage and reticulation to 146 standpipes to the community of Dukuza/ Hoffenthal	Water	R 56,013,761
Ntabamhlophe Water Supply Phase 4 to 13 (AFA) MIS 220289	2008MIGFDC23160811	Detailed design and construction of all phases of Ntabamhlophe water supply scheme. Work entails construction of two bulk pump stations, six service reservoirs and bulk reservoir (4 Ml capacity), 62 km of bulk supply pipelines, 106 km of reticulation	Water	R 239,514,159
OKHAHLAMBA WARD 12 SANITATION - ACTON HOMES	2013MIGFDC23215064	The extended community of Ward 12 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 12 is prioritised by uThukela District Municipality for the first	Sanitation	R 15,740,608
Roosboom Reticulation	ZKZNUTHUK04	Continuation of a previous scheme funded by Council but incompletd. Bulk line from wertereerde reservoir was completed. The main line is currently a "white elephant"; completion of reticulation will benefit consumers once water source is developed.	Water	R 1,500,000
Umnambithi Ladysmith Sanitation Project Ward 14	2012MIGFDC23205191	The extended community of Ward 14 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 14 is prioritised by uThukela District Municipality for the first	Sanitation	R 22,950,566

Project Description			Project Category	Total Cost
Project Name	Project Number	Project Description	Main Category	Total Project Cost
Umnambithi Ladysmith Sanitation Project Ward 15	2012MIGFDC23205200	The extended community of Ward 15 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 15 is prioritised by uThukela District Municipality for the first	Sanitation	R 15,258,938
Umnambithi Ladysmith Sanitation Project Ward 19	2012MIGFDC23207053	Once the project is completed, basic sanitation services will have been provided to a total population serving 12,175 people and 2,435 households to all the settlements within the boundary of a project area in ward 19. The ISD survey carried out as p	Sanitation	R 18,432,015
Umtshezi LM Ward 7 Sanitation Project	2012MIGFDC23207057	Once the project is completed, basic sanitation services will have been provided to a total population serving 15,390 people and 2,565 households to all the settlements within the boundary of a project area in ward 7. The ISD survey carried out as pa	Sanitation	R 19,501,785
Umtshezi Sanitation Project Ward 5	2012MIGFDC23206810	Once the project is completed, basic sanitation services will have been provided to a total population serving 24,072 people and 4012 households to all the settlements within the boundary of a project area in ward 5. The ISD survey carried out as par	Sanitation	R 30,517,148
UMTSHEZI WARD 4 SANITATION-THEMBALIHLE	2013MIGFDC23215062	The extended community of Ward 4 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 4 is prioritised by uThukela District Municipality for the first t	Sanitation	R 15,715,105



# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2006MIGFDC23113342	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Bergville Bulk Water Supply Extension and Reticulation		<b>PROJECT DESCRIPTION:</b> <i>The purpose of this project is to establish a water supply infrastructure to ser the needs of some 11,800 people residing in 5 distinctive informal settlemes</i>	
<b>PROJECT DEFINITION AND ADMINISTATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Internal Bulk
Local Municipality:	Okhahlamba	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	Y
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	0366385600	Infra Upgrade	Y
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	11800
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Construction	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	75%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	Y
Intervention Category	Demographics	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	Y
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	0	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:	3 (1 - 2 yrs)	Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	24,362,664	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	24362664
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	501198.8	0	0	0	0	0		501198.8
1314	0	0	0	0	0	0	0		0
1415	0	0	0	0	0	0	0		0
1516	0	4028000	0	0	0	0	0		4028000

COST SUMMARY			
Total 3 Year Allocation	4028000	Total Funding Deficit	0
Total Funds	4529198.8	Expenditure to Date	20149258.31

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2010MIGFDC23196318

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: *Bhekuzulu-Epangweni Community Water Supply (AFA) MIS 201661*

### PROJECT DESCRIPTION:

*The project covers an area of approximately 270 square kilometres in extent and is located 30 km north west of Estcourt, and 15 km south of Winterton, Kwazulu Natal. It includes all communities within the Amangwe Tribal Authority, as well as Bhekuzulu*

### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Imbabazane
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	0366385600

### PROJECT CATEGORISATION

Project Main Category:	Water
Project Sub Category:	Reticulation

### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	Y
Design Horizon	

### POPULATION BENEFITTING

Directly	8480
InDirectly	0

### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	Y
Reticulation Pipeline	Y
Pumpstation	Y
Water Treatment Works	Y
Reservoir or Tank	Y
Source Development	Y
Power Supply Electricity or Other	Y
Feasibility Study Only	N
Operation	N
Maintenance	N

### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Design
Overall Project Progress	0%

### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	7

### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	5 (> 5 yrs)
Project Weight:	0

### RESOURCE DEVELOPMENT

Resource Development Dam	Y
Resource Development River	Y
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	N

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	272,728,464	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	Y

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	272728464
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	46112011.34	0	0	0	0	0		46112011.34
1314	0	52220205.57	0	0	0	0	0		52220205.57
1415	0	60057346.95	0	0	0	0	0		60057346.95
1516	0	36234200	0	0	0	0	0		36234200

COST SUMMARY			
Total 3 Year Allocation	36234200	Total Funding Deficit	33492969.26
Total Funds	194623763.86	Expenditure to Date	116502207.42

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> KNR010	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Driefontein Complex Bulk		<b>PROJECT DESCRIPTION:</b> 1. Establishment of potable bulk water supply to Driefontein complex: A. new pumpstation at L/S treatment works B. booster P/S between L/S and driefontein C. bulk feeder mains-13km D. new 3ml balancing reservoir at Hopsland.	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Regional Bulk
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Robbie Slaughter	Infra Refurbishment	N
Contact Number:	076 410 3849	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	25 Year
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	204306
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Construction	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	75%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	N
Intervention Category	Demographics	Water Treatment Works	N
Intervention Horizon	Future Demand Solution	Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	Y	Power Supply Electricity or Other	Y
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	0	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	RBIG	Resource Development Single Borehole	N
Project Driver:	Water Demand	Resource Development Wellfield	N
Project Implementation Time:	1 (0 - 0.5 yrs)	Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	326,318,000	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	BH
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	126101368
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	126101368	44200000	0	0	0	0		170301368
1415	0	0	25000000	0	0	0	0		25000000
1516	0	0	30000000	0	0	0	0		30000000
1617	0	0	0	0	0	0	5000000	To be Defined	5000000

COST SUMMARY			
Total 3 Year Allocation	35000000	Total Funding Deficit	0
Total Funds	230301368	Expenditure to Date	52837855



**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2006MIGFDC23112081	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Driefontein Complex Bulk Water Supply		<b>PROJECT DESCRIPTION:</b> To Establish water supply to serve the needs of approx 34830 residents in 33 distinctive community settlement.	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Internal Bulk
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	Y
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	0366385600	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	65830
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Construction	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	75%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	Y
Intervention Category	Resource Development	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	Y
Single Type Settlement Dev	N	Source Development	Y
New Scheme Dev	N	Power Supply Electricity or Other	Y
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	0	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	Y
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:	5 (> 5 yrs)	Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	126,101,362	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	Bulk: Ladysmith WTW
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	126101362
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	28695825.67	25000000	0	0	0	0		53695825.67
1314	0	5281552.63	0	0	0	0	0		5281552.63
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	58977378.3	Expenditure to Date	126101367.7

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> <b>Project Based</b>	<b>PROJECT NUMBER</b> <b>2012MIGFDC23209383</b>	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> <i>Emergency repairs to the Spioenkop to Ladysmith Bulk Water Supply Pipeline</i>		<b>PROJECT DESCRIPTION:</b> <i>UThukela District Municipality as the Water Services Authority has a legislative requirement to provide a hygienic water supply and sanitation to all people within the district and has embarked on a programme to deliver these services to all househ</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>			
Province:	KwaZulu-Natal		
District Municipality:	uThukela		
Local Municipality:	Emnambithi/Ladysmith		
Water Services Authority:	Uthukela		
Scheme Number:			
Scheme Name:			
Contact Person:	Mduduzi Radebe		
Contact Number:	0366385600		
<b>PROJECT STATUS</b>			
Viability Status:	Approved		
Feasibility Status:	Completed		
Feasibility Approval Status:	Approved		
Project Status:	Awaiting Funding		
Overall Project Progress	75%		
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Program		
Intervention Category			
Intervention Horizon			
Single Type Settlement Dev	N	<b>PROJECT MANAGEMENT</b> Project Start 2013 Project Duration 1	
New Scheme Dev	N		
Existing Scheme	N		
Water Management	N		
		Project Origin:	MIG
		Project Driver:	Basic
		Project Implementation Time:	
		Project Weight:	0
<b>DEVELOPMENT OBJECTIVES</b>			
Infra New	Y		
Infra Replacement	N		
Infra Extension	N		
Infra Refurbishment	N		
Infra Upgrade	N		
Design Horizon			
<b>POPULATION BENEFITTING</b>			
Directly	0		
InDirectly	0		
<b>PROJECT CATEGORISATION</b>			
Project Main Category:	Water		
Project Sub Category:	Internal Bulk		
<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>			
Bulk Pipeline	N		
Reticulation Pipeline	N		
Pumpstation	N		
Water Treatment Works	N		
Reservoir or Tank	N		
Source Development	N		
Power Supply Electricity or Other	N		
Feasibility Study Only	N		
Operation	N	Maintenance	N
<b>RESOURCE DEVELOPMENT</b>			
Resource Development Dam	N		
Resource Development River	N		
Resource Development Single Borehole	N		
Resource Development Wellfield	N		
Resource Development Spring/Fountain	N		
Resource Dev. Rainwater Harvesting	N		
Water Conservation & Demand Management	N		
Waste Water Treatment Works	N		
Water Borne Sanitation	N		
VIP Sanitation	N		

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	3,782,830	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	3782830
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	647123.85	0	0	0	0	0		647123.85
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	647123.85	Expenditure to Date	647123.85

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2012MIGFDC23207795	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> <i>Emergency Upgrade of Wagonsdrift Pump Station</i>		<b>PROJECT DESCRIPTION:</b> <i>This project is for the emergency procurement of 3 new pumps, transformers and motor control centres for Wagonsdrift Pump Station in the Umtshezi Local Municipality within the Uthukela District Municipality. Water from the Wagonsdrift is used to supply</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Regional Bulk
Local Municipality:	Umtshezi	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	N
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	Y
Contact Number:	0366385600	Infra Upgrade	Y
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	15232
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Awaiting Funding	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	0%	Bulk Pipeline	Y
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	Y
Intervention Category	Infrastructure	Water Treatment Works	N
Intervention Horizon	Immediate Solution	Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start		<b>RESOURCE DEVELOPMENT</b>	
Project Duration	1	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:	2 (0.5 - 1 yrs)	Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N



**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	8,516,370	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	8516370
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1516	0	2011000	0	0	0	0	0		2011000

COST SUMMARY			
Total 3 Year Allocation	2011000	Total Funding Deficit	0
Total Funds	2011000	Expenditure to Date	0

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> ZKZNUTHUK01	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Ezakheni / Emnambithi WCDM		<b>PROJECT DESCRIPTION:</b> <i>This project aims at reducing loss of raw water in the Ezakheni Water Supply Area. Project incl. Improved bulk water metering; Installation of dedicated rising mains to distribution reservoirs; AC replacement; Pressure zoning and pressure reduction.</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Internal Bulk
Local Municipality:	Emnambithi/Ladysmith		
Water Services Authority:	Uthukela		
Scheme Number:			
Scheme Name:			
Contact Person:	Mduduzi Radebe		
Contact Number:	036-6385600		
<b>PROJECT STATUS</b>		<b>DEVELOPMENT OBJECTIVES</b>	
Viability Status:	Approved	Infra New	Y
Feasibility Status:	Completed	Infra Replacement	Y
Feasibility Approval Status:	Approved	Infra Extension	N
Project Status:	Construction	Infra Refurbishment	N
Overall Project Progress	0%	Infra Upgrade	Y
		Design Horizon	
		<b>POPULATION BENEFITTING</b>	
		Directly	470945
		InDirectly	0
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Project	Project Origin:	23DM/MWIG
Intervention Category	WCDM	Project Driver:	Basic
Intervention Horizon	Immediate Solution	Project Implementation Time:	5 (> 5 yrs)
Single Type Settlement Dev	N	Project Weight:	0
New Scheme Dev	N		
Existing Scheme	Y		
Water Management	N		
<b>PROJECT MANAGEMENT</b>			
Project Start	2013		
Project Duration	3		
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	N
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	Y
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	1,000,000	Short Term Action
Medium Term Cost	R	5,000,000	Medium Term Action
Long Term Cost	R	19,400,000	Long Term Action
Total Project Cost	R	3,788,839	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	Y
WCDM Major Leakage	Y
WCDM No Metering	Y

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	3788839
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	0	0	0	0	4295521	0	Other	4295521
1415	0	0	0	0	0	0	0	Other	0
1516	0	0	0	0	0	0	0	Other	0
1617	0	0	0	0	0	0	16138617	To be Defined	16138617

COST SUMMARY			
Total 3 Year Allocation	16138617	Total Funding Deficit	180000000
Total Funds	20434138	Expenditure to Date	0

## Water Services Development Plan

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters
Reservoir	12000000.0000	3 - Full	1	8		7500	0							
Reticulation Line	68620000.0000	3 - Full		36						65	450			27

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> ZKZNUTHUK11	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Ezakheni/Emnambithi Bulk Water Infrastructure Upgrade		<b>PROJECT DESCRIPTION:</b> WC/WDM interventions: Lombardskop rising rain; rehabilitation & upgrade of Abattoir Reservoir booster PS; integrity assessment of existing pipeline; remedial work to reservoir; strategic adjustments to reservoir chamber & distribution mains.	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Internal Bulk
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Don Hodgkinson	Infra Refurbishment	Y
Contact Number:	+27 (0) 333950920	Infra Upgrade	Y
<b>PROJECT STATUS</b>		Design Horizon	15 Year
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	23967
Feasibility Approval Status:	Approved	InDirectly	140273
Project Status:	Tender	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	25%	Bulk Pipeline	Y
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	Y
Intervention Category	WCDM	Water Treatment Works	N
Intervention Horizon	Immediate Solution	Reservoir or Tank	Y
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	Y	Feasibility Study Only	N
Water Management	Y	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	2015	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	12	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	23DM/MWIG	Resource Development Single Borehole	N
Project Driver:	Water Demand	Resource Development Wellfield	N
Project Implementation Time:	1 (0 - 0.5 yrs)	Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	Y
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	The Project aligns with the Master Plan, which has a 30 year planning horizon.
Total Project Cost	R	77,942,236	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	Y
WCDM Water Wastage	Y
WCDM Major Leakage	Y
WCDM No Metering	Y

PROPOSED OR CURRENT RESOURCE	
Main	Uthukela River
Augmentary	Spioenkop Dam
Alternative	
All Town Strategy Reference	Several WCDM projects have been identified for Implementation.
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	80
Higher L.O.S	0
Growth & Development	20
Industry	0
Other	0
Social Component Value	77942236
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1516	0	0	0	0	0	19175488	0		19175488
1617	0	0	0	0	0	55421031	0		55421031
1718	0	0	0	0	0	3345717	0		3345717

COST SUMMARY			
Total 3 Year Allocation	77942236	Total Funding Deficit	0
Total Funds	77942236	Expenditure to Date	0

## Water Services Development Plan

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters
Bulk Pipeline	59825693.0000			12						7700	500			2
Pumpstation	4239000.0000		0	3		0.165	1							0
Reservoir	570000.0000		0	2			1	0	0					2
WCDM	2280000.0000		1500	8			1500							15



# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> ZKZNUTHUK07	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Ezakheni: Water and Sanitation		<b>PROJECT DESCRIPTION:</b> <i>Feasibility study - water and sanitation needs of 642 housing units within the project Ezakheni E section. The housing project did not include for any infrastructure services.</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Reticulation
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	Y
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
		Design Horizon	
<b>PROJECT STATUS</b>		<b>POPULATION BENEFITTING</b>	
Viability Status:	Approved	Directly	3210
Feasibility Status:	Completed	InDirectly	0
Feasibility Approval Status:	Approved	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Project Status:	Construction	Bulk Pipeline	N
Overall Project Progress	0%	Reticulation Pipeline	Y
		Pumpstation	Y
		Water Treatment Works	N
		Reservoir or Tank	N
		Source Development	N
		Power Supply Electricity or Other	Y
		Feasibility Study Only	N
		Operation	N
		Maintenance	N
<b>INTERVENTION ACTIONS</b>		<b>RESOURCE DEVELOPMENT</b>	
Project Extent	Project	Resource Development Dam	N
Intervention Category	Service Levels	Resource Development River	N
Intervention Horizon	Immediate Solution	Resource Development Single Borehole	N
Single Type Settlement Dev	N	Resource Development Wellfield	N
New Scheme Dev	Y	Resource Development Spring/Fountain	N
Existing Scheme	N	Resource Dev. Rainwater Harvesting	N
Water Management	N	Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N
<b>PROJECT MANAGEMENT</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Start	2013	Project Origin:	23DM/MWIG
Project Duration	1	Project Driver:	Basic
		Project Implementation Time:	3 (1 - 2 yrs)
		Project Weight:	0

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	0
Long Term Cost	R	Long Term Action	0
Total Project Cost	R	8,088,480	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	8088480
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	0	0	0	0	7623490	0	Other	7623490
1415	0	0	0	0	0	7946336	0	Other	7946336
1516	0	0	0	0	0	0	0	Other	0
1617	0	0	0	0	0	0	3163367	To be Defined	3163367

COST SUMMARY			
Total 3 Year Allocation	3163367	Total Funding Deficit	0
Total Funds	18733193	Expenditure to Date	0

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters
Reticulation Line	8088488.0000	3 - Full		8						7.65	200			642

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> <b>Project Based</b>	<b>PROJECT NUMBER</b> <b>2011MIGFDC23202432</b>	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Ezakheni Emnambithi Bulk Water Infrastructure Upgrade Project - Design Phase (AFA) MIS 216393		<b>PROJECT DESCRIPTION:</b> <i>It is obvious that, currently the bulk water infrastructure of Ezakheni &amp; Ladysmith is operating at or beyond capacity, which is a constraint on further development within the area. It is required that the bulk water master plan shall reflect, at</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Regional Bulk
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	N
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	Y
Contact Number:	0366385600	Infra Upgrade	Y
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	71330
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Design	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	0%	Bulk Pipeline	Y
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	Y
Intervention Category	Infrastructure	Water Treatment Works	Y
Intervention Horizon	Immediate Solution	Reservoir or Tank	Y
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	5	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:	1 (0 - 0.5 yrs)	Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	40,699,215	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	40699214.58
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	1069695	0	0	0	0	0		1069695
1314	0	5253000	0	0	0	0	0		5253000
1415	0	1350000	0	0	0	0	0		1350000
1516	0	23636000	0	0	0	0	0		23636000

COST SUMMARY			
Total 3 Year Allocation	23636000	Total Funding Deficit	0
Total Funds	31308695	Expenditure to Date	10526309.51

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2008MIGFDC23162167

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: Fitty Park Umhlumayo Extensions

#### PROJECT DESCRIPTION:

The project entails the transfer of water from the existing uMhlumayo Community Water Supply Scheme to the Fitty Park/Waaihoek areas adjacent to the scheme. The project serves to supply water to 2100 families (16800 population) in the Fitty Park and

#### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Indaka
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	0366385600

#### PROJECT CATEGORISATION

Project Main Category:	Water
Project Sub Category:	Internal Bulk

#### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	Y
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

#### POPULATION BENEFITTING

Directly	2100
InDirectly	0

#### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	Y
Reticulation Pipeline	Y
Pumpstation	Y
Water Treatment Works	N
Reservoir or Tank	Y
Source Development	N
Power Supply Electricity or Other	Y
Feasibility Study Only	N
Operation	N
Maintenance	N

#### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

#### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Demographics
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

#### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	2

#### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	3 (1 - 2 yrs)
Project Weight:	0

#### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	N

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	15,700,000	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	Tugela River, Umhlumayo abstraction Works
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	15700000
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	2378804.73	0	0	0	0	0		2378804.73
1314	0	4826186.3	0	0	0	0	0		4826186.3
1415	0	2539981.72	0	0	0	0	0		2539981.72
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	9744972.75	Expenditure to Date	11999998.98



**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> ZKZNUTHUK05	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> <i>Fitty Park Umhlumayo Extensions (Addendum)</i>		<b>PROJECT DESCRIPTION:</b> <i>Project to extend lines into areas where the required standpipe spacing has not been addressed.</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Internal Bulk
Local Municipality:	Indaka	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
		Design Horizon	
<b>PROJECT STATUS</b>		<b>POPULATION BENEFITTING</b>	
Viability Status:	Approved	Directly	46018
Feasibility Status:	Completed	InDirectly	0
Feasibility Approval Status:	Approved	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Project Status:	Completed	Bulk Pipeline	Y
Overall Project Progress	0%	Reticulation Pipeline	Y
		Pumpstation	N
		Water Treatment Works	N
		Reservoir or Tank	N
		Source Development	N
		Power Supply Electricity or Other	N
		Feasibility Study Only	N
		Operation	N
		Maintenance	N
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	N
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N

<b>INTERVENTION ACTIONS</b>			
Project Extent	Project		
Intervention Category	Demographics		
Intervention Horizon	Immediate Solution		
Single Type Settlement Dev	N	<b>PROJECT MANAGEMENT</b>	
New Scheme Dev	Y	Project Start	2013
Existing Scheme	N	Project Duration	0.5
Water Management	N		

<b>IMPLEMENTATION DRIVERS</b>	
Project Origin:	23DM/MWIG
Project Driver:	Basic
Project Implementation Time:	3 (1 - 2 yrs)
Project Weight:	0

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION				
Short Term Cost	R	195,000	Short Term Action	Design & Procure
Medium Term Cost	R	1,683,000	Medium Term Action	Construction
Long Term Cost	R	1,122,000	Long Term Action	Construction
Total Project Cost	R	8,892,918		
Feasibility Cost	R			

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	8892918
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	0	0	0	0	2910595	0	Other	2910595
1415	0	0	0	0	0	7026406	0	Other	7026406
1516	0	0	0	0	0	0	0	Other	0

COST SUMMARY			
Total 3 Year Allocation	-6937001	Total Funding Deficit	0
Total Funds	9937001	Expenditure to Date	0

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters
Reticulation Line	18986611.4300	1- Basic		12						30	110			6430

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2011MIGFDC23200780	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Imbabazane LM Ward 12 Sanitation Project		<b>PROJECT DESCRIPTION:</b> Ward 12 is prioritized by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the communities of ward 12. Once the project is completed, basic sani	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Sanitation
District Municipality:	uThukela	Project Sub Category:	Internal Sanitation
Local Municipality:	Imbabazane	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	0
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Awaiting Funding	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	0%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	N
Intervention Category	Service Levels	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	3	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:		Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	22,150,856	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	22150856
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	10683382.7	0	0	0	0	0		10683382.7
1314	0	0	0	0	0	0	0		0
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	10683382.7	Expenditure to Date	21712389.18

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> ZKZNUTHUK06	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Indaka Boreholes		<b>PROJECT DESCRIPTION:</b> <i>Drilling of boreholes will be strategic (where a cluster of households are) to try and adhere to a walking distance as advocated by the Water Act.</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Source Development
Local Municipality:	Indaka		
Water Services Authority:	Uthukela		
Scheme Number:		<b>DEVELOPMENT OBJECTIVES</b>	
Scheme Name:		Infra New	N
Contact Person:	Mduduzi Radebe	Infra Replacement	N
Contact Number:	036-6385600	Infra Extension	N
		Infra Refurbishment	N
		Infra Upgrade	N
		Design Horizon	
<b>PROJECT STATUS</b>		<b>POPULATION BENEFITTING</b>	
Viability Status:	Approved	Directly	0
Feasibility Status:	Completed	InDirectly	0
Feasibility Approval Status:	Approved		
Project Status:	Planning in Development		
Overall Project Progress	100%		
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Project	Project Origin:	Other
Intervention Category	Resource Development	Project Driver:	Basic
Intervention Horizon	Immediate Solution	Project Implementation Time:	1 (0 - 0.5 yrs)
Single Type Settlement Dev	N	Project Weight:	0
New Scheme Dev	N		
Existing Scheme	Y		
Water Management	N		
<b>PROJECT MANAGEMENT</b>			
Project Start	2013		
Project Duration	1		
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	Y
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N



## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	0
Long Term Cost	R	Long Term Action	0
Total Project Cost	R	6,500,000	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	0
Augmentary	0
Alternative	0
All Town Strategy Reference	0
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	6500000
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	0	0	0	0	1408949	0	Other	1408949
1415	0	0	0	0	0	5665667	0	Other	5665667
1516	0	0	0	0	0	0	0	Other	0

COST SUMMARY			
Total 3 Year Allocation	-574616	Total Funding Deficit	0
Total Funds	7074616	Expenditure to Date	0

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters
Borehole	6500000.0000	1- Basic	26	10	0	0	0	0	0	0	0	0	0	0

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2011MIGFDC23201479

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: Indaka LM Ward 6 Sanitation Project

### PROJECT DESCRIPTION:

Ward 6 is prioritised by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the communities of ward 6 by UTD. The population to be covered in t

### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Indaka
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

### PROJECT CATEGORISATION

Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

### POPULATION BENEFITTING

Directly	0
InDirectly	0

### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	N
Reticulation Pipeline	N
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	3

### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	21,911,806	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	21911806
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	8691785.59	0	0	0	0	0		8691785.59
1314	0	0	0	0	0	0	0		0
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	8691785.59	Expenditure to Date	13795664.09

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2011MIGFDC23201255

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: Indaka LM Ward 7 Sanitation Project

#### PROJECT DESCRIPTION:

Ward 7 is prioritised by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the communities of ward 7 by UTDm. The population to be covered in t

#### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Indaka
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

#### PROJECT CATEGORISATION

Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

#### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

#### POPULATION BENEFITTING

Directly	0
InDirectly	0

#### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	N
Reticulation Pipeline	N
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

#### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

#### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

#### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	3

#### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

#### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	17,440,081	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	17440081
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	8531627.01	0	0	0	0	0		8531627.01
1314	0	2106464.3	0	0	0	0	0		2106464.3
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	10638091.31	Expenditure to Date	11026770.32

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters



# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2011MIGFDC23201465

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: Indaka LM Ward 8 Sanitation Project

### PROJECT DESCRIPTION:

Ward 8 is prioritized by uThukela District Municipality for the first time in its sanitation programme. Hence, there is no traced sanitation programme that was ever implemented in the community of ward 8 by UTM. The population to be covered in the p

### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Indaka
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

### PROJECT CATEGORISATION

Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

### POPULATION BENEFITTING

Directly	0
InDirectly	0

### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	N
Reticulation Pipeline	N
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	3

### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	19,508,483	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	19508483
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	11153791.6	0	0	0	0	0		11153791.6
1314	0	0	0	0	0	0	0		0
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	11153791.6	Expenditure to Date	19508483

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2011MIGFDC23201450	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Indaka LM Ward 9 Sanitation Project		<b>PROJECT DESCRIPTION:</b> Ward 9 is prioritised by uThukela District Municipality for the first time in its sanitation programme. The population to be covered in the project area is 18,697 people made up of 2, 671 households. This information was obtained through a survey tha	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Sanitation
District Municipality:	uThukela	Project Sub Category:	Internal Sanitation
Local Municipality:	Indaka	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	0
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Awaiting Funding	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	0%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	N
Project Extent	Project	Pumpstation	N
Intervention Category	Service Levels	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	3	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:		Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	19,894,580	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	19894580
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	11121674	0	0	0	0	0		11121674
1314	0	677800.76	0	0	0	0	0		677800.76
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	11799474.76	Expenditure to Date	13499425.8

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2013MIGFDC23215061	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME: INDAKA WARD 3 SANITATION - ETHOLENI</b>		<b>PROJECT DESCRIPTION:</b> <i>The extended community of Ward 3 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 3 is prioritised by uThukela District Municipality for the first</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Sanitation
District Municipality:	uThukela	Project Sub Category:	Internal Sanitation
Local Municipality:	Indaka	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
		Design Horizon	
<b>PROJECT STATUS</b>		<b>POPULATION BENEFITTING</b>	
Viability Status:	Approved	Directly	0
Feasibility Status:	Completed	InDirectly	0
Feasibility Approval Status:	Approved	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Project Status:	Awaiting Funding	Bulk Pipeline	N
Overall Project Progress	0%	Reticulation Pipeline	N
		Pumpstation	N
		Water Treatment Works	N
		Reservoir or Tank	N
		Source Development	N
		Power Supply Electricity or Other	N
		Feasibility Study Only	N
		Operation	N
		Maintenance	N
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	N
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Project	Project Origin:	MIG
Intervention Category	Service Levels	Project Driver:	Basic
Intervention Horizon		Project Implementation Time:	
Single Type Settlement Dev	N	Project Weight:	0
New Scheme Dev	N	<b>PROJECT MANAGEMENT</b>	
Existing Scheme	N	Project Start	2013
Water Management	N	Project Duration	2

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	30,910,242	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	30910242
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	4632816	0	0	0	0	0		4632816
1415	0	21069950.69	0	0	0	0	0		21069950.69
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	25702766.69	Expenditure to Date	13328856.15



**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2013MIGFDC23213176	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Kwanobamba-Ezitendeni (Weenen) Water Supply Project		<b>PROJECT DESCRIPTION:</b> The KwaNobamba-Ezitendeni Water Supply Project: will serve communities of the Umtshezi Local Municipality within the Uthukela District Municipality. The project area, which is approximately 75.4 km2 in extent, is located in the Umtshezi Local Municipality	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Regional Bulk
Local Municipality:		<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	0366385600	Infra Upgrade	N
		Design Horizon	
<b>PROJECT STATUS</b>		<b>POPULATION BENEFITTING</b>	
Viability Status:	Approved	Directly	0
Feasibility Status:	Completed	InDirectly	0
Feasibility Approval Status:	Approved	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Project Status:	Awaiting Funding	Bulk Pipeline	Y
Overall Project Progress	25%	Reticulation Pipeline	N
		Pumpstation	N
		Water Treatment Works	Y
		Reservoir or Tank	Y
		Source Development	N
		Power Supply Electricity or Other	N
		Feasibility Study Only	N
		Operation	N
		Maintenance	N
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	N
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Project	Project Origin:	MIG
Intervention Category	Service Levels	Project Driver:	Basic
Intervention Horizon	Immediate Solution	Project Implementation Time:	
Single Type Settlement Dev	N	Project Weight:	0
New Scheme Dev	N	<b>PROJECT MANAGEMENT</b>	
Existing Scheme	N	Project Start	2013
Water Management	N	Project Duration	2

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	207,769,329	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	207769329.35
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	7578031.83	0	0	0	0	0		7578031.83
1415	0	38644957.6	0	0	0	0	0		38644957.6
1516	0	40675000	0	0	0	0	0		40675000

COST SUMMARY			
Total 3 Year Allocation	40675000	Total Funding Deficit	0
Total Funds	86897989.43	Expenditure to Date	35164430.33

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2013MIGFDC23213926	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Mathandwane Ward 17 Sanitation Project		<b>PROJECT DESCRIPTION:</b> <i>The extended community of Ward 17 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 17 is prioritised by uThukela District Municipality for the first</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Sanitation
District Municipality:	uThukela	Project Sub Category:	Basic Supply
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	0
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Construction	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	75%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	Y
Project Extent	Project	Pumpstation	N
Intervention Category	Service Levels	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	2013	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	3	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:		Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	28,109,403	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	28109402.76
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	11693024.09	0	0	0	0	0		11693024.09
1415	0	15650000	0	0	0	0	0		15650000
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	27343024.09	Expenditure to Date	12409349.61

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

**PROJECT TECHNICAL DETAILS**  
**Project Based**

**PROJECT NUMBER**

**2007MIGFDC23147504**

**TOTAL PROJECT PERSPECTIVE**

**PROJECT NAME:** Moyeni / Zwelisha Community Water Scheme

**PROJECT DESCRIPTION:**

*This project forms an extension to the existing Moyeni CWSS (KN140) and Zwelisha CWSS (KN345). These projects do not have a MIG number and have been implemented through a combination of DWAF, CMIP and MIG whilst retaining their KN numbers. During the*

**PROJECT DEFINITION AND ADMINISTRATION**

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Okhahlamba
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	0366385600

**PROJECT CATEGORISATION**

Project Main Category:	Water
Project Sub Category:	Internal Bulk

**DEVELOPMENT OBJECTIVES**

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	Y
Design Horizon	

**POPULATION BENEFITTING**

Directly	1010
InDirectly	0

**TYPE OF INFRASTRUCTURE DEVELOPMENT**

Bulk Pipeline			Y
Reticulation Pipeline			Y
Pumpstation			N
Water Treatment Works			Y
Reservoir or Tank			Y
Source Development			N
Power Supply Electricity or Other			N
Feasibility Study Only			N
Operation	N	Maintenance	N

**PROJECT STATUS**

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

**INTERVENTION ACTIONS**

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

**PROJECT MANAGEMENT**

Project Start	Pre2012
Project Duration	1

**IMPLEMENTATION DRIVERS**

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	3 (1 - 2 yrs)
Project Weight:	0

**RESOURCE DEVELOPMENT**

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	N



**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	9,357,063	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	Moyeni / Zwelisha WTW
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	9357063
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	588934.66	0	0	0	0	0		588934.66
1314	0	1556622.55	0	0	0	0	0		1556622.55
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	2145557.21	Expenditure to Date	6200628.41

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2006MIGFDC23111829	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Moyeni/ Zwelisha RWSS Ph. 4 (Dukuza / Hoffenthal) (AFA) MIS 172338		<b>PROJECT DESCRIPTION:</b> Detailed design & construction of bulk supply, storage and reticulation to 146 standpipes to the community of Dukuza/ Hoffenthal	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Regional Bulk
Local Municipality:	Okhahlamba		
Water Services Authority:	Uthukela		
Scheme Number:			
Scheme Name:			
Contact Person:	Mduduzi Radebe		
Contact Number:	0366385600		
<b>PROJECT STATUS</b>		<b>DEVELOPMENT OBJECTIVES</b>	
Viability Status:	Approved	Infra New	Y
Feasibility Status:	Completed	Infra Replacement	N
Feasibility Approval Status:	Approved	Infra Extension	N
Project Status:	Construction	Infra Refurbishment	N
Overall Project Progress	75%	Infra Upgrade	N
		Design Horizon	
		<b>POPULATION BENEFITTING</b>	
		Directly	3063
		InDirectly	0
		<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
		Bulk Pipeline	Y
		Reticulation Pipeline	Y
		Pumpstation	Y
		Water Treatment Works	N
		Reservoir or Tank	Y
		Source Development	N
		Power Supply Electricity or Other	N
		Feasibility Study Only	N
		Operation	N
		Maintenance	N
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	N
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	N
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Project	Project Origin:	MIG
Intervention Category	Resource Development	Project Driver:	Basic
Intervention Horizon	Immediate Solution	Project Implementation Time:	1 (0 - 0.5 yrs)
Single Type Settlement Dev	N	Project Weight:	0
New Scheme Dev	N		
Existing Scheme	N		
Water Management	N		
		<b>PROJECT MANAGEMENT</b>	
		Project Start	2013
		Project Duration	3

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	56,013,761	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	56013761
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	61209.51	0	0	0	0	0		61209.51
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	61209.51	Expenditure to Date	55860733.63

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2008MIGFDC23160811	<b>TOTAL PROJECT PERSPECTIVE</b>
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**PROJECT NAME:** Ntabamhlophe Water Supply Phase 4 to 13 (AFA) MIS 220289

### PROJECT DESCRIPTION:

Detailed design and construction of all phases of Ntabamhlophe water supply scheme. Work entails construction of two bulk pump stations, six service reservoirs and bulk reservoir (4 Ml capacity), 62 km of bulk supply pipelines, 106 km of reticulation

### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Imbabazane
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	0366385600

### PROJECT CATEGORISATION

Project Main Category:	Water
Project Sub Category:	Regional Bulk

### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

### POPULATION BENEFITTING

Directly	9977
InDirectly	0

### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline			Y
Reticulation Pipeline			Y
Pumpstation			Y
Water Treatment Works			N
Reservoir or Tank			Y
Source Development			N
Power Supply Electricity or Other			N
Feasibility Study Only			N
Operation	N	Maintenance	N

### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	Immediate Solution
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	12

### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	4 (2 - 5 yrs)
Project Weight:	0

### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	N

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	239,514,159	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	Wembezi supply scheme
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	Y

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	239514158.6
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	23729170.24	0	0	0	0	0		23729170.24
1314	0	23550152.15	0	0	0	0	0		23550152.15
1415	0	26546585.54	0	0	0	0	0		26546585.54
1516	0	33580000	0	0	0	0	0		33580000

COST SUMMARY			
Total 3 Year Allocation	33580000	Total Funding Deficit	27482219.2
Total Funds	107405907.93	Expenditure to Date	108264383.45

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters



# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2013MIGFDC23215064

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: OKHAHLAMBA WARD 12 SANITATION - ACTON HOMES

### PROJECT DESCRIPTION:

The extended community of Ward 12 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 12 is prioritised by uThukela District Municipality for the first

### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Okhahlamba
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

### PROJECT CATEGORISATION

Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

### POPULATION BENEFITTING

Directly	0
InDirectly	0

### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	N
Reticulation Pipeline	N
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

### PROJECT MANAGEMENT

Project Start	2014
Project Duration	3

### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	15,740,608	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	15740608.4
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	0	0	0	0	0	0		0
1415	0	6093127.71	0	0	0	0	0		6093127.71
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	6093127.71	Expenditure to Date	6067061.51

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> ZKZNUTHUK04	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Roosboom Reticulation		<b>PROJECT DESCRIPTION:</b> <i>Continuation of a previous scheme funded by Council but incomplete. Bulk line from wertheveerde reservoir was completed. The main line is currently a "white elephant"; completion of reticulation will benefit consumers once water source is developed.</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Water
District Municipality:	uThukela	Project Sub Category:	Internal Bulk
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	Y
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	0
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Awaiting Funding	<b>RESOURCE DEVELOPMENT</b>	
Overall Project Progress	0%	Bulk Pipeline	
		Reticulation Pipeline	
		Pumpstation	
		Water Treatment Works	
		Reservoir or Tank	
		Source Development	
		Power Supply Electricity or Other	
		Feasibility Study Only	
		Operation	N
		Maintenance	N
		Resource Development Dam	
		Resource Development River	
		Resource Development Single Borehole	
		Resource Development Wellfield	
		Resource Development Spring/Fountain	
		Resource Dev. Rainwater Harvesting	
		Water Conservation & Demand Management	
		Waste Water Treatment Works	
		Water Borne Sanitation	
		VIP Sanitation	

INTERVENTION ACTIONS			
Project Extent	Project		
Intervention Category	Service Levels		
Intervention Horizon	Immediate Solution		
Single Type Settlement Dev	N	<b>PROJECT MANAGEMENT</b>	
New Scheme Dev	Y		
Existing Scheme	N		
Water Management	N		
		Project Start	2013
		Project Duration	1

IMPLEMENTATION DRIVERS	
Project Origin:	Other
Project Driver:	Basic
Project Implementation Time:	3 (1 - 2 yrs)
Project Weight:	0

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	450,000	Short Term Action
Medium Term Cost	R	1,050,000	Medium Term Action
Long Term Cost	R		Long Term Action
Total Project Cost	R	1,500,000	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	1500000
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	0	0	0	0	1453776	0	Other	1453776
1415	0	0	0	0	0	0	0	Other	0
1516	0	0	0	0	0	0	0	Other	0
1617	0	0	0	0	0	0	46224	To be Defined	46224

COST SUMMARY			
Total 3 Year Allocation	46224	Total Funding Deficit	0
Total Funds	1500000	Expenditure to Date	0

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2012MIGFDC23205191	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> <i>Umnambithi Ladysmith Sanitation Project Ward 14</i>		<b>PROJECT DESCRIPTION:</b> <i>The extended community of Ward 14 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 14 is prioritised by uThukela District Municipality for the first</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Sanitation
District Municipality:	uThukela	Project Sub Category:	Internal Sanitation
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	0
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Construction	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	75%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	Y
Project Extent	Project	Pumpstation	N
Intervention Category	Service Levels	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	2013	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	4	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:		Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	22,950,566	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	22950565.95
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	20742659.99	0	0	0	0	0		20742659.99
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	20742659.99	Expenditure to Date	16855231.19



**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2012MIGFDC23205200	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> <i>Umnambithi Ladysmith Sanitation Project Ward 15</i>		<b>PROJECT DESCRIPTION:</b> <i>The extended community of Ward 15 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 15 is prioritised by uThukela District Municipality for the first</i>	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>		<b>PROJECT CATEGORISATION</b>	
Province:	KwaZulu-Natal	Project Main Category:	Sanitation
District Municipality:	uThukela	Project Sub Category:	Internal Sanitation
Local Municipality:	Emnambithi/Ladysmith	<b>DEVELOPMENT OBJECTIVES</b>	
Water Services Authority:	Uthukela	Infra New	Y
Scheme Number:		Infra Replacement	N
Scheme Name:		Infra Extension	N
Contact Person:	Mduduzi Radebe	Infra Refurbishment	N
Contact Number:	036-6385600	Infra Upgrade	N
<b>PROJECT STATUS</b>		Design Horizon	
Viability Status:	Approved	<b>POPULATION BENEFITTING</b>	
Feasibility Status:	Completed	Directly	0
Feasibility Approval Status:	Approved	InDirectly	0
Project Status:	Design	<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Overall Project Progress	25%	Bulk Pipeline	N
<b>INTERVENTION ACTIONS</b>		Reticulation Pipeline	Y
Project Extent	Project	Pumpstation	N
Intervention Category	Service Levels	Water Treatment Works	N
Intervention Horizon		Reservoir or Tank	N
Single Type Settlement Dev	N	Source Development	N
New Scheme Dev	N	Power Supply Electricity or Other	N
Existing Scheme	N	Feasibility Study Only	N
Water Management	N	Operation	N
<b>PROJECT MANAGEMENT</b>		Maintenance	N
Project Start	Pre2012	<b>RESOURCE DEVELOPMENT</b>	
Project Duration	3	Resource Development Dam	N
<b>IMPLEMENTATION DRIVERS</b>		Resource Development River	N
Project Origin:	MIG	Resource Development Single Borehole	N
Project Driver:	Basic	Resource Development Wellfield	N
Project Implementation Time:		Resource Development Spring/Fountain	N
Project Weight:	0	Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	15,258,938	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	15258937.74
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	10063584.72	0	0	0	0	0		10063584.72
1314	0	2008152.96	0	0	0	0	0		2008152.96
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	12071737.68	Expenditure to Date	12071737.68

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2012MIGFDC23207053

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: Umnambithi Ladysmith Sanitation Project Ward 19

#### PROJECT DESCRIPTION:

Once the project is completed, basic sanitation services will have been provided to a total population serving 12,175 people and 2,435 households to all the settlements within the boundary of a project area in ward 19. The ISD survey carried out as p

#### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Emnambithi/Ladysmith
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

#### PROJECT CATEGORISATION

Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

#### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

#### POPULATION BENEFITTING

Directly	0
InDirectly	0

#### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	N
Reticulation Pipeline	Y
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

#### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

#### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

#### PROJECT MANAGEMENT

Project Start	Pre2012
Project Duration	3

#### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

#### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	18,432,015	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	18432015
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	5699880.33	0	0	0	0	0		5699880.33
1314	0	9666391.97	0	0	0	0	0		9666391.97
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	15366272.3	Expenditure to Date	15366272.3

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2012MIGFDC23207057	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Umtshezi LM Ward 7 Sanitation Project		<b>PROJECT DESCRIPTION:</b> Once the project is completed, basic sanitation services will have been provided to a total population serving 15,390 people and 2,565 households to all the settlements within the boundary of a project area in ward 7. The ISD survey carried out as pa	
<b>PROJECT DEFINITION AND ADMINISTRATION</b>			
Province:	KwaZulu-Natal		
District Municipality:	uThukela		
Local Municipality:	Umtshezi		
Water Services Authority:	Uthukela		
Scheme Number:			
Scheme Name:			
Contact Person:	Mduduzi Radebe		
Contact Number:	036-6385600		
<b>PROJECT STATUS</b>			
Viability Status:	Approved		
Feasibility Status:	Completed		
Feasibility Approval Status:	Approved		
Project Status:	Design		
Overall Project Progress	25%		
<b>INTERVENTION ACTIONS</b>		<b>IMPLEMENTATION DRIVERS</b>	
Project Extent	Project		
Intervention Category	Service Levels		
Intervention Horizon			
Single Type Settlement Dev	N	<b>PROJECT MANAGEMENT</b>	
New Scheme Dev	N		
Existing Scheme	N		
Water Management	N		
Project Start	Pre2012		
Project Duration	4		
Project Origin:	MIG		
Project Driver:	Basic		
Project Implementation Time:			
Project Weight:	0		
<b>PROJECT CATEGORISATION</b>		<b>TYPE OF INFRASTRUCTURE DEVELOPMENT</b>	
Project Main Category:	Sanitation		
Project Sub Category:	Internal Sanitation		
<b>DEVELOPMENT OBJECTIVES</b>			
Infra New	Y		
Infra Replacement	N		
Infra Extension	N		
Infra Refurbishment	N		
Infra Upgrade	N		
Design Horizon			
<b>POPULATION BENEFITTING</b>			
Directly	0		
InDirectly	0		
		<b>RESOURCE DEVELOPMENT</b>	
		Resource Development Dam	N
		Resource Development River	N
		Resource Development Single Borehole	N
		Resource Development Wellfield	N
		Resource Development Spring/Fountain	N
		Resource Dev. Rainwater Harvesting	N
		Water Conservation & Demand Management	N
		Waste Water Treatment Works	N
		Water Borne Sanitation	N
		VIP Sanitation	Y



**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	19,501,785	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	19501784.65
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	5284105.85	0	0	0	0	0		5284105.85
1314	0	10367526.98	0	0	0	0	0		10367526.98
1415	0	0	0	0	0	0	0		0
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	15651632.83	Expenditure to Date	15829778.56

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

**Uthukela District Municipality**  
**Water Services Development Plan**

**WSDP 2015 (Fin. Yr. 2014/2015)**

Staging Data

<b>PROJECT TECHNICAL DETAILS</b> Project Based	<b>PROJECT NUMBER</b> 2012MIGFDC23206810	<b>TOTAL PROJECT PERSPECTIVE</b>
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<b>PROJECT NAME:</b> Umtshezi Sanitation Project Ward 5	<b>PROJECT DESCRIPTION:</b> Once the project is completed, basic sanitation services will have been provided to a total population serving 24,072 people and 4012 households to all the settlements within the boundary of a project area in ward 5. The ISD survey carried out as par
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PROJECT DEFINITION AND ADMINISTRATION	
Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Umtshezi
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

PROJECT STATUS	
Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

PROJECT CATEGORISATION	
Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

DEVELOPMENT OBJECTIVES	
Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

POPULATION BENEFITTING	
Directly	0
InDirectly	0

TYPE OF INFRASTRUCTURE DEVELOPMENT	
Bulk Pipeline	N
Reticulation Pipeline	Y
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

INTERVENTION ACTIONS			
Project Extent	Project		
Intervention Category	Service Levels		
Intervention Horizon			
Single Type Settlement Dev	N	<b>PROJECT MANAGEMENT</b>	
New Scheme Dev	N		
Existing Scheme	N		
Water Management	N		
		Project Start	Pre2012
		Project Duration	4

IMPLEMENTATION DRIVERS	
Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

RESOURCE DEVELOPMENT	
Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

## Water Services Development Plan

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	30,517,148	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	30517148.4
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	6853420.46	0	0	0	0	0		6853420.46
1314	0	4910773.57	0	0	0	0	0		4910773.57
1415	0	9450000	0	0	0	0	0		9450000
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	21214194.03	Expenditure to Date	11764194.03

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters

# Uthukela District Municipality

## Water Services Development Plan

WSDP 2015 (Fin. Yr. 2014/2015)

Staging Data

### PROJECT TECHNICAL DETAILS Project Based

PROJECT NUMBER

2013MIGFDC23215062

### TOTAL PROJECT PERSPECTIVE

PROJECT NAME: UMTSHEZI WARD 4 SANITATION- THEMBAHLILE

### PROJECT DESCRIPTION:

The extended community of Ward 4 has been prioritised by the uThukela District Municipality for implementation of a sanitation project, commencing in the financial year 2011/2012. Ward 4 is prioritised by uThukela District Municipality for the first time.

### PROJECT DEFINITION AND ADMINISTRATION

Province:	KwaZulu-Natal
District Municipality:	uThukela
Local Municipality:	Umtshezi
Water Services Authority:	Uthukela
Scheme Number:	
Scheme Name:	
Contact Person:	Mduduzi Radebe
Contact Number:	036-6385600

### PROJECT CATEGORISATION

Project Main Category:	Sanitation
Project Sub Category:	Internal Sanitation

### DEVELOPMENT OBJECTIVES

Infra New	Y
Infra Replacement	N
Infra Extension	N
Infra Refurbishment	N
Infra Upgrade	N
Design Horizon	

### POPULATION BENEFITTING

Directly	0
Indirectly	0

### TYPE OF INFRASTRUCTURE DEVELOPMENT

Bulk Pipeline	N
Reticulation Pipeline	N
Pumpstation	N
Water Treatment Works	N
Reservoir or Tank	N
Source Development	N
Power Supply Electricity or Other	N
Feasibility Study Only	N
Operation	N
Maintenance	N

### PROJECT STATUS

Viability Status:	Approved
Feasibility Status:	Completed
Feasibility Approval Status:	Approved
Project Status:	Construction
Overall Project Progress	75%

### INTERVENTION ACTIONS

Project Extent	Project
Intervention Category	Service Levels
Intervention Horizon	
Single Type Settlement Dev	N
New Scheme Dev	N
Existing Scheme	N
Water Management	N

### PROJECT MANAGEMENT

Project Start	2013
Project Duration	4

### IMPLEMENTATION DRIVERS

Project Origin:	MIG
Project Driver:	Basic
Project Implementation Time:	
Project Weight:	0

### RESOURCE DEVELOPMENT

Resource Development Dam	N
Resource Development River	N
Resource Development Single Borehole	N
Resource Development Wellfield	N
Resource Development Spring/Fountain	N
Resource Dev. Rainwater Harvesting	N
Water Conservation & Demand Management	N
Waste Water Treatment Works	N
Water Borne Sanitation	N
VIP Sanitation	Y

**Water Services Development Plan**

Staging Data

SHORT, MEDIUM AND LONG TERM COST AND ACTION			
Short Term Cost	R	Short Term Action	0
Medium Term Cost	R	Medium Term Action	
Long Term Cost	R	Long Term Action	
Total Project Cost	R	15,715,105	
Feasibility Cost	R		

WCDM SITUATION	
WCDM Illegal Connections	N
WCDM Water Wastage	N
WCDM Major Leakage	N
WCDM No Metering	N

PROPOSED OR CURRENT RESOURCE	
Main	<Null>
Augmentary	<Null>
Alternative	<Null>
All Town Strategy Reference	
All Town Strategy Compliance	N

PERCENTAGE WATER USE	
Basic	100
Higher L.O.S	0
Growth & Development	0
Industry	0
Other	0
Social Component Value	15715105
Social Component Percentage	100

FUNDING ALLOCATION									
Period	Own	MIG	RBIG	Drought Relief	ACIP	MWIG	Other	Other Funding Source	Total
1213	0	0	0	0	0	0	0		0
1314	0	4131312	0	0	0	0	0		4131312
1415	0	10472802.61	0	0	0	0	0		10472802.61
1516	0	0	0	0	0	0	0		0

COST SUMMARY			
Total 3 Year Allocation	0	Total Funding Deficit	0
Total Funds	14604114.61	Expenditure to Date	7495723.27

**Water Services Development Plan**

Staging Data

PROJECT COMPONENTS														
Infrastructure Type	Total Component Cost	Service Level	Number Planned	Construction Duration	Total Existing Capacity	Planned Capacity	Nr to Rehabilitate	Nr Ground Reservoirs Planned	Nr Tower Reservoirs Planned	Planned Pipe Length	Planned Pipe Diameter	Nr of Standpipes Unmetered	Nr of Metered Standpipes	Nr of Water Meters