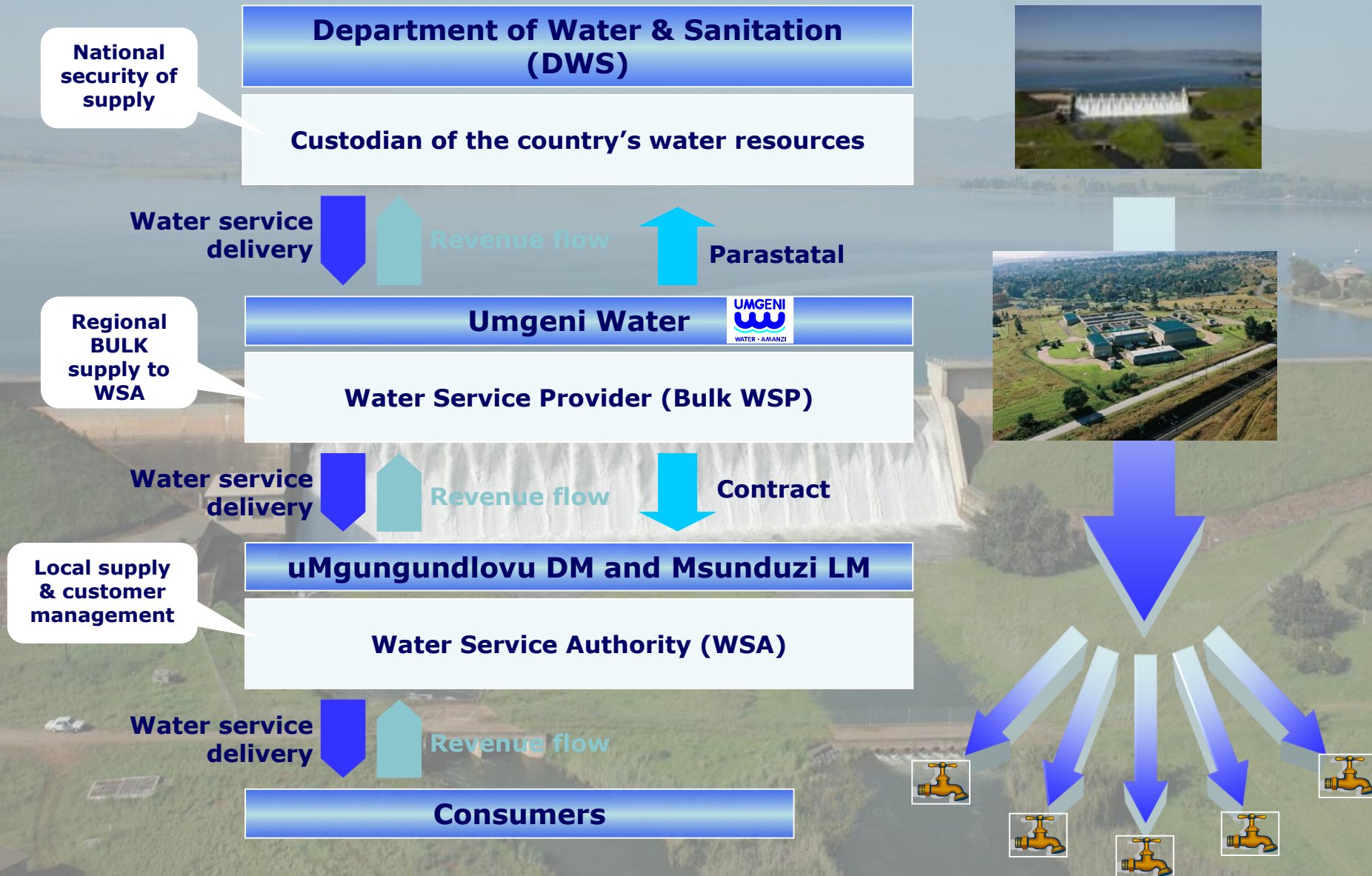


Msunduzi Municipality's 2018/2019 IDP Representative Forum

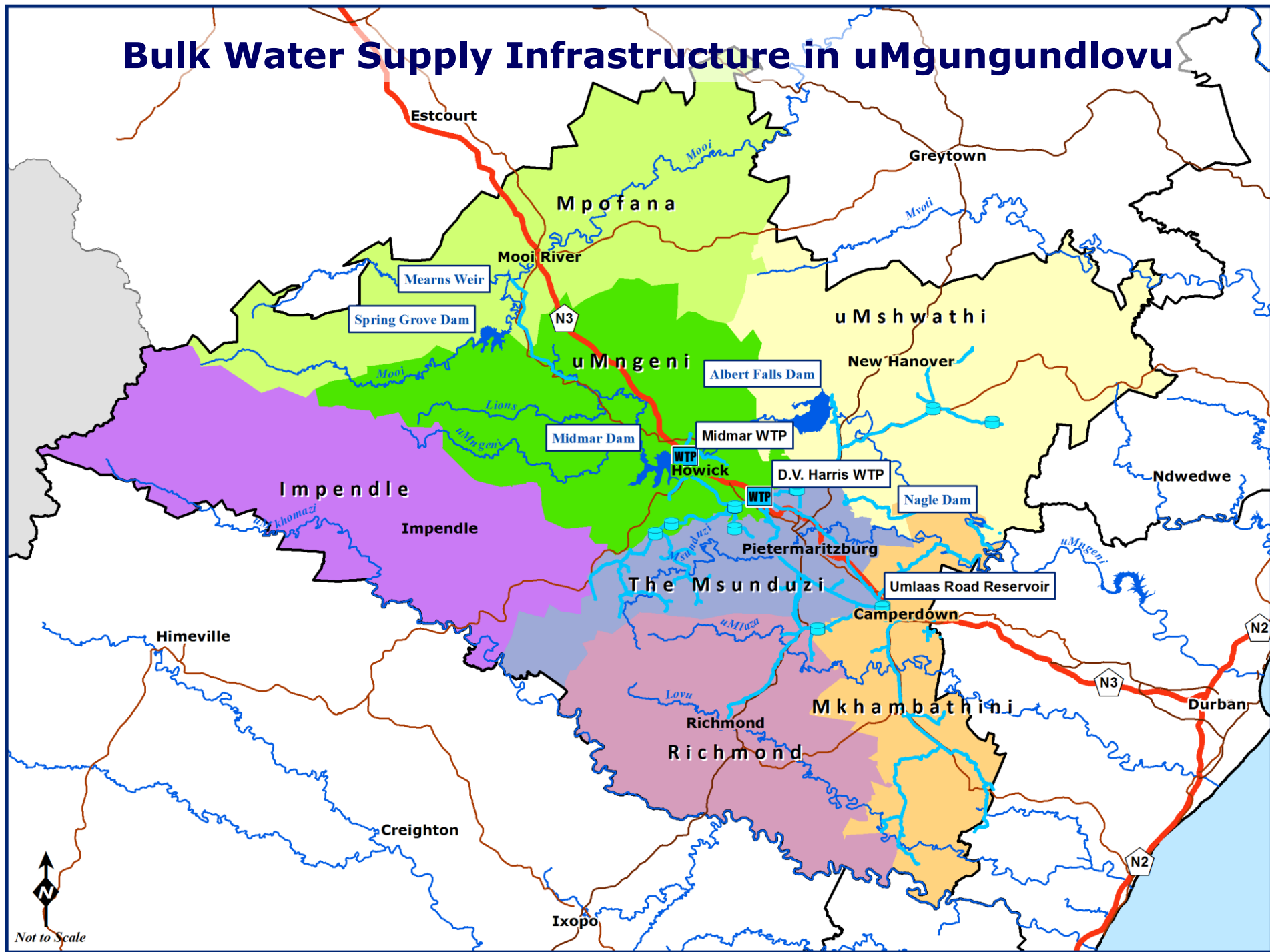
Umgeni Water's Projects for 2018/2019 – 2048/2049

**2 March 2018
Msunduzi Council Chambers
Pietermaritzburg**

Structure of the Water Services Sector



Bulk Water Supply Infrastructure in uMgungundlovu



Status of Dams

For more information on the projects Umgeni Water is implementing for Msunduzi Municipality please see the **Umgeni Water Infrastructure Master Plan 2017/2018** available at <http://www.umgeni.co.za/projects/infrastructuremasterplans/default.asp>.

100.36%
01 Mar 18

Spring Grove Dam

Mooi River
Mearns Weir

99.20%
01 Mar 18

27.05%
01 Mar 18

Albert Falls Dam

99.09%
01 Mar 18

Midmar Dam

Howick
Midmar WTP

D.V. Harris WTP

Pietermaritzburg

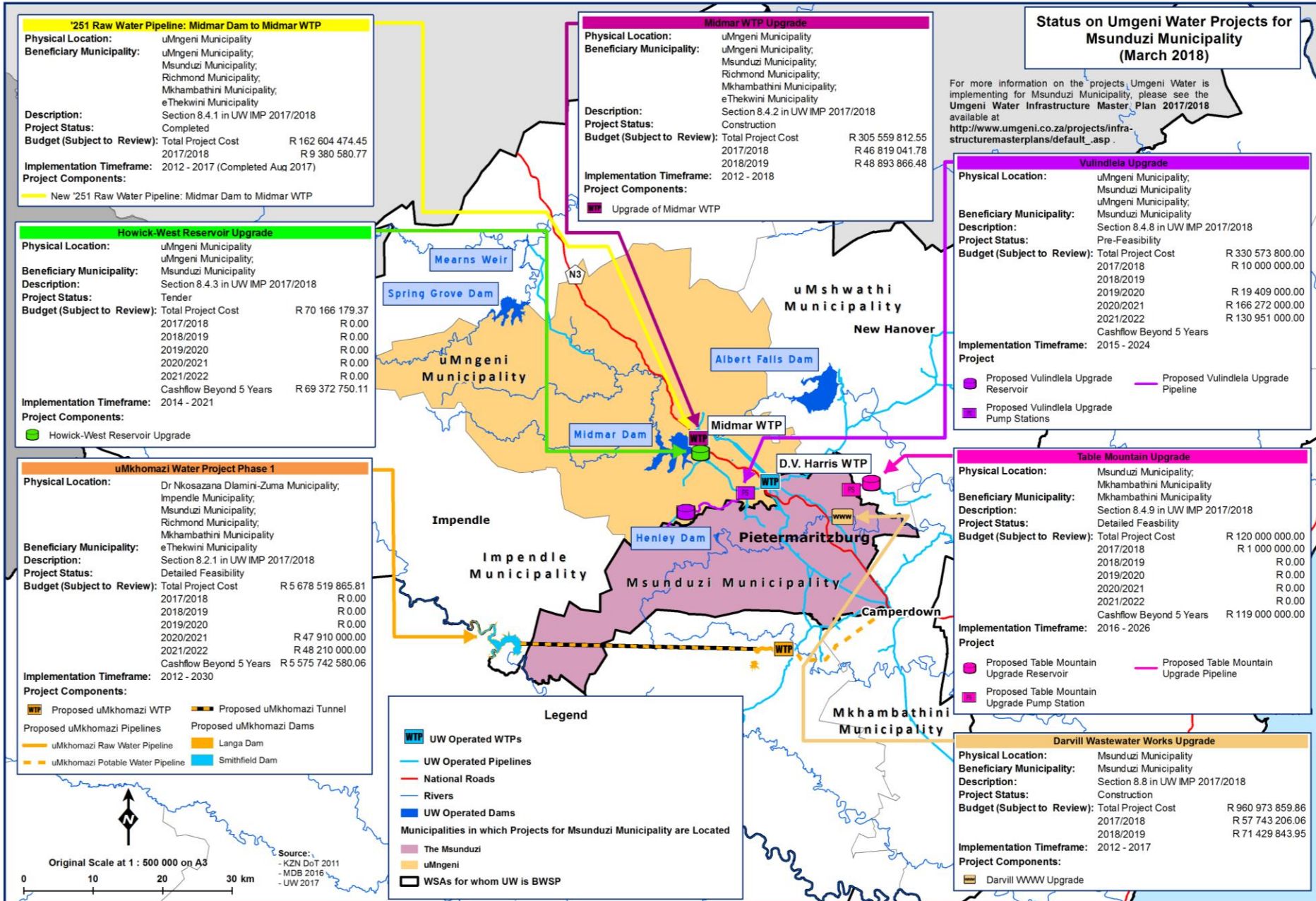
Impendle



Not to Scale

Source: KZN DoT 2011; MDB 2016; UW 2017

Status on Umgeni Water Projects (March 2018)



'251 Raw Water Pipeline

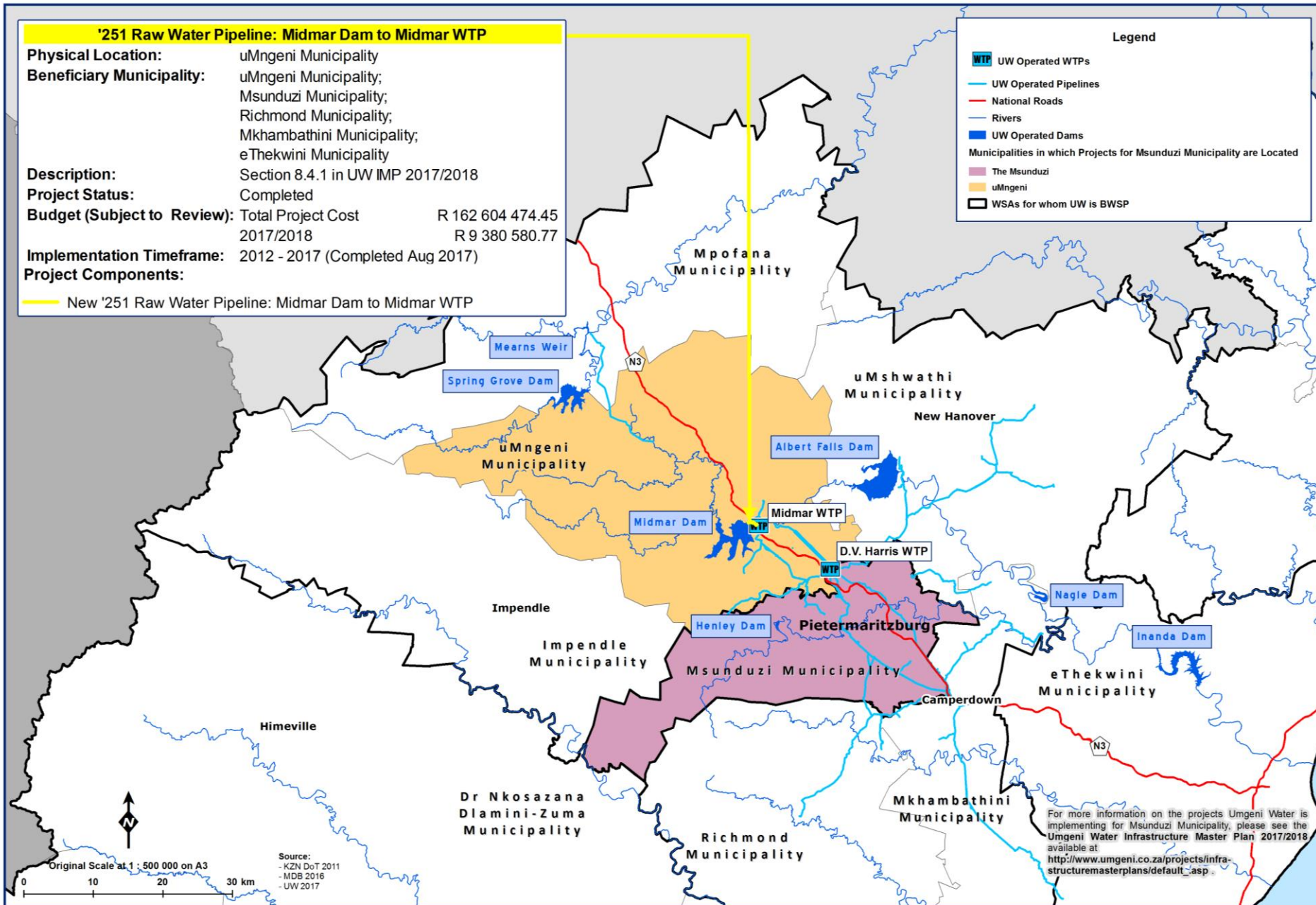
'251 Raw Water Pipeline: Midmar Dam to Midmar WTP

Physical Location: uMngeni Municipality
Beneficiary Municipality: uMngeni Municipality;
 Msunduzi Municipality;
 Richmond Municipality;
 Mkhambathini Municipality;
 eThekweni Municipality
Description: Section 8.4.1 in UW IMP 2017/2018
Project Status: Completed
Budget (Subject to Review): Total Project Cost R 162 604 474.45
 2017/2018 R 9 380 580.77
Implementation Timeframe: 2012 - 2017 (Completed Aug 2017)
Project Components:

— New '251 Raw Water Pipeline: Midmar Dam to Midmar WTP

Legend

- WTP UW Operated WTPs
- UW Operated Pipelines
- National Roads
- Rivers
- UW Operated Dams
- Municipalities in which Projects for Msunduzi Municipality are Located
- The Msunduzi
- uMngeni
- WSAs for whom UW is BWSP



Midmar WTP Upgrade

Midmar WTP Upgrade

Physical Location: uMngeni Municipality

Beneficiary Municipality: uMngeni Municipality;
Msunduzi Municipality;
Richmond Municipality;
Mkhambathini Municipality;
eThekweni Municipality

Description: Section 8.4.2 in UW IMP 2017/2018


Project Status: Construction

Budget (Subject to Review):










Total Project Cost	R 305 559 812.55
2017/2018	R 46 819 041.78
2018/2019	R 48 893 866.48

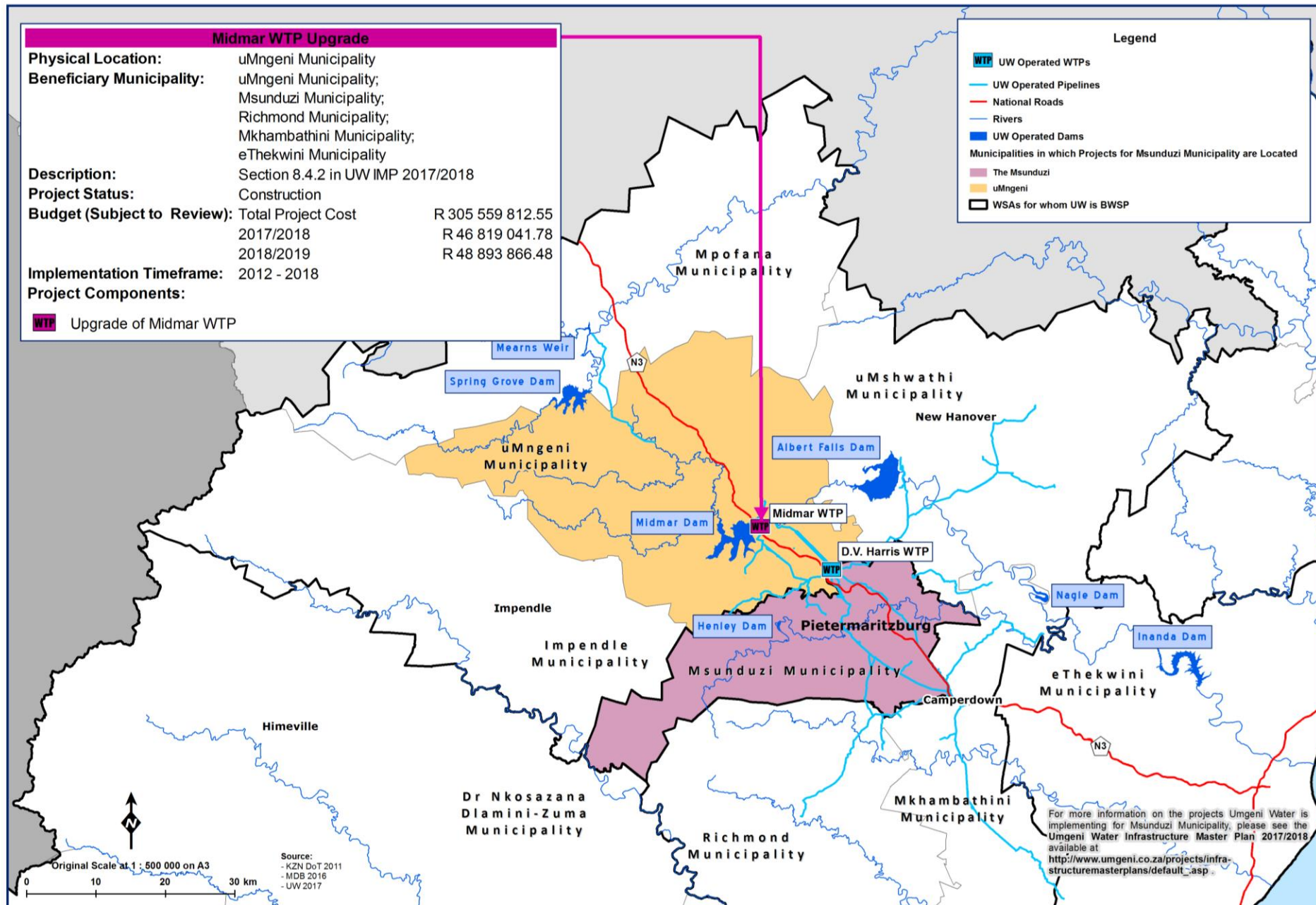
Implementation Timeframe: 2012 - 2018

Project Components:

 Upgrade of Midmar WTP

Legend

-  UW Operated WTPs
-  UW Operated Pipelines
-  National Roads
-  Rivers
-  UW Operated Dams
-  Municipalities in which Projects for Msunduzi Municipality are Located
-  The Msunduzi
-  uMngeni
-  WSAs for whom UW is BWSP



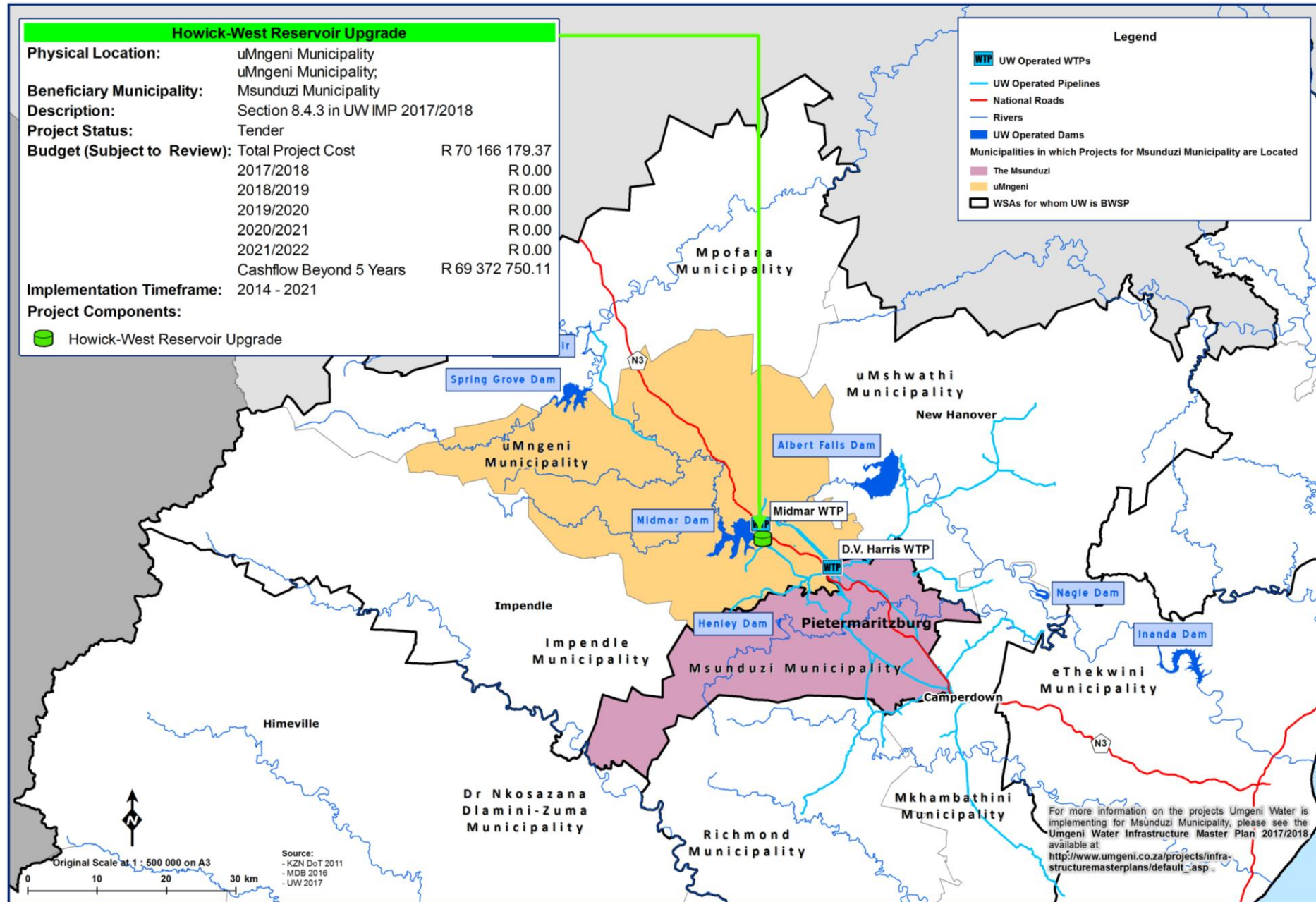
Howick-West Reservoir Upgrade

Howick-West Reservoir Upgrade

Physical Location:	uMgeni Municipality
Beneficiary Municipality:	uMgeni Municipality; Msunduzi Municipality
Description:	Section 8.4.3 in UW IMP 2017/2018
Project Status:	Tender
Budget (Subject to Review):	Total Project Cost R 70 166 179.37
	2017/2018 R 0.00
	2018/2019 R 0.00
	2019/2020 R 0.00
	2020/2021 R 0.00
	2021/2022 R 0.00
	Cashflow Beyond 5 Years R 69 372 750.11
Implementation Timeframe:	2014 - 2021
Project Components:	
	 Howick-West Reservoir Upgrade

Legend

-  UW Operated WTPs
-  UW Operated Pipelines
-  National Roads
-  Rivers
-  UW Operated Dams
- Municipalities in which Projects for Msunduzi Municipality are Located**
-  The Msunduzi
-  uMgeni
-  WSAs for whom UW is BWSP



Vulindlela Upgrade

Vulindlela Upgrade

Physical Location: uMngeni Municipality;
Msunduzi Municipality

Beneficiary Municipality: uMngeni Municipality;
Msunduzi Municipality

Description: Section 8.4.8 in UW IMP 2017/2018

Project Status: Pre-Feasibility

Budget (Subject to Review):

Year	Total Project Cost
2017/2018	R 330 573 800.00
2018/2019	R 10 000 000.00
2019/2020	R 19 409 000.00
2020/2021	R 166 272 000.00
2021/2022	R 130 951 000.00
Cashflow Beyond 5 Years	

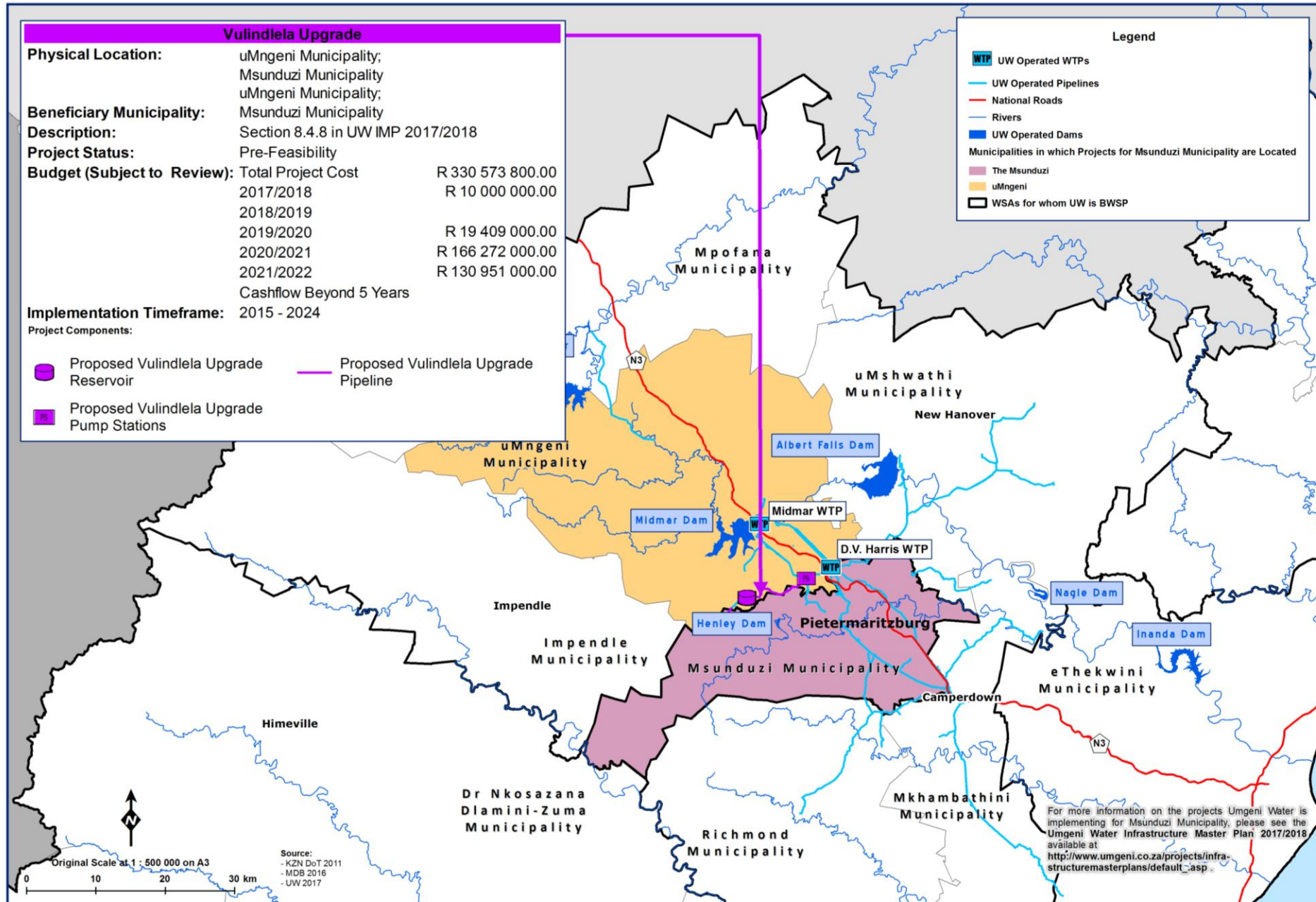
Implementation Timeframe: 2015 - 2024

Project Components:

-  Proposed Vulindlela Upgrade Reservoir
-  Proposed Vulindlela Upgrade Pipeline
-  Proposed Vulindlela Upgrade Pump Stations

Legend

-  WTP UW Operated WTPs
 -  UW Operated Pipelines
 -  National Roads
 -  Rivers
 -  UW Operated Dams
 -  The Msunduzi
 -  uMngeni
 -  WSAs for whom UW is BWSP
- Municipalities in which Projects for Msunduzi Municipality are Located



uMkhomazi Water Project Phase 1

uMkhomazi Water Project Phase 1

Physical Location:

Dr Nkosazana Dlamini-Zuma Municipality;
Impendle Municipality;
Msunduzi Municipality;
Richmond Municipality;
Mkhambathini Municipality

Beneficiary Municipality:

eThekweni Municipality

Description:

Section 8.2.1 in UW IMP 2017/2018

Project Status:

Detailed Feasibility







Budget (Subject to Review):

Total Project Cost	R 5 678 519 865.81
2017/2018	R 0.00
2018/2019	R 0.00
2019/2020	R 0.00
2020/2021	R 47 910 000.00
2021/2022	R 48 210 000.00
Cashflow Beyond 5 Years	R 5 575 742 580.06

Implementation Timeframe:

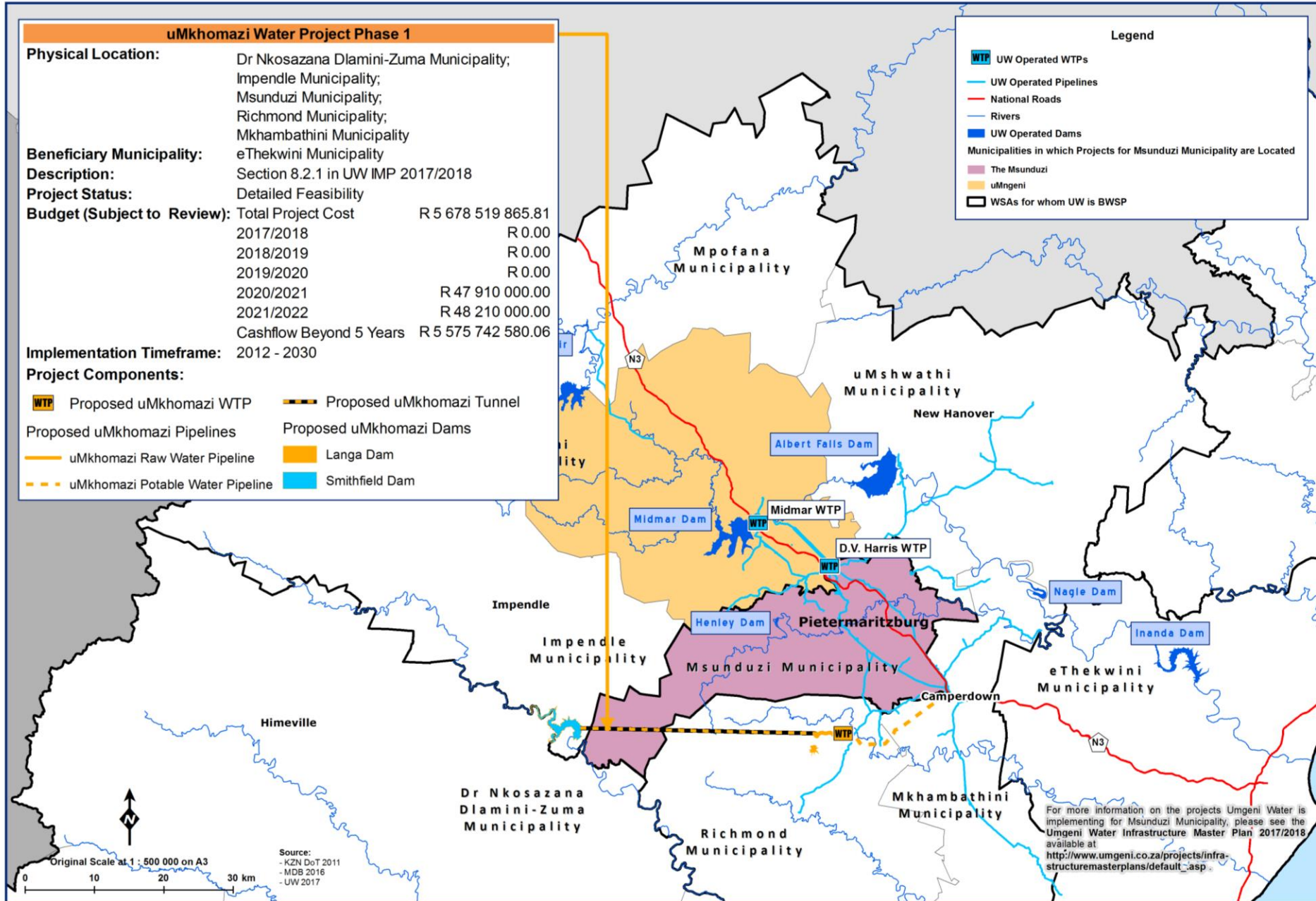
2012 - 2030

Project Components:

 Proposed uMkhomazi WTP	 Proposed uMkhomazi Tunnel
Proposed uMkhomazi Pipelines	Proposed uMkhomazi Dams
 uMkhomazi Raw Water Pipeline	 Langa Dam
 uMkhomazi Potable Water Pipeline	 Smithfield Dam

Legend

-  UW Operated WTPs
-  UW Operated Pipelines
-  National Roads
-  Rivers
-  UW Operated Dams
- Municipalities in which Projects for Msunduzi Municipality are Located
 -  The Msunduzi
 -  uMgeni
 -  WSAs for whom UW is BWSP






For more information on the projects Umgeni Water is implementing for Msunduzi Municipality, please see the Umgeni Water Infrastructure Master Plan 2017/2018 available at <http://www.umgeni.co.za/projects/infrastructure/masterplans/default.asp>

Table Mountain Upgrade









Table Mountain Upgrade

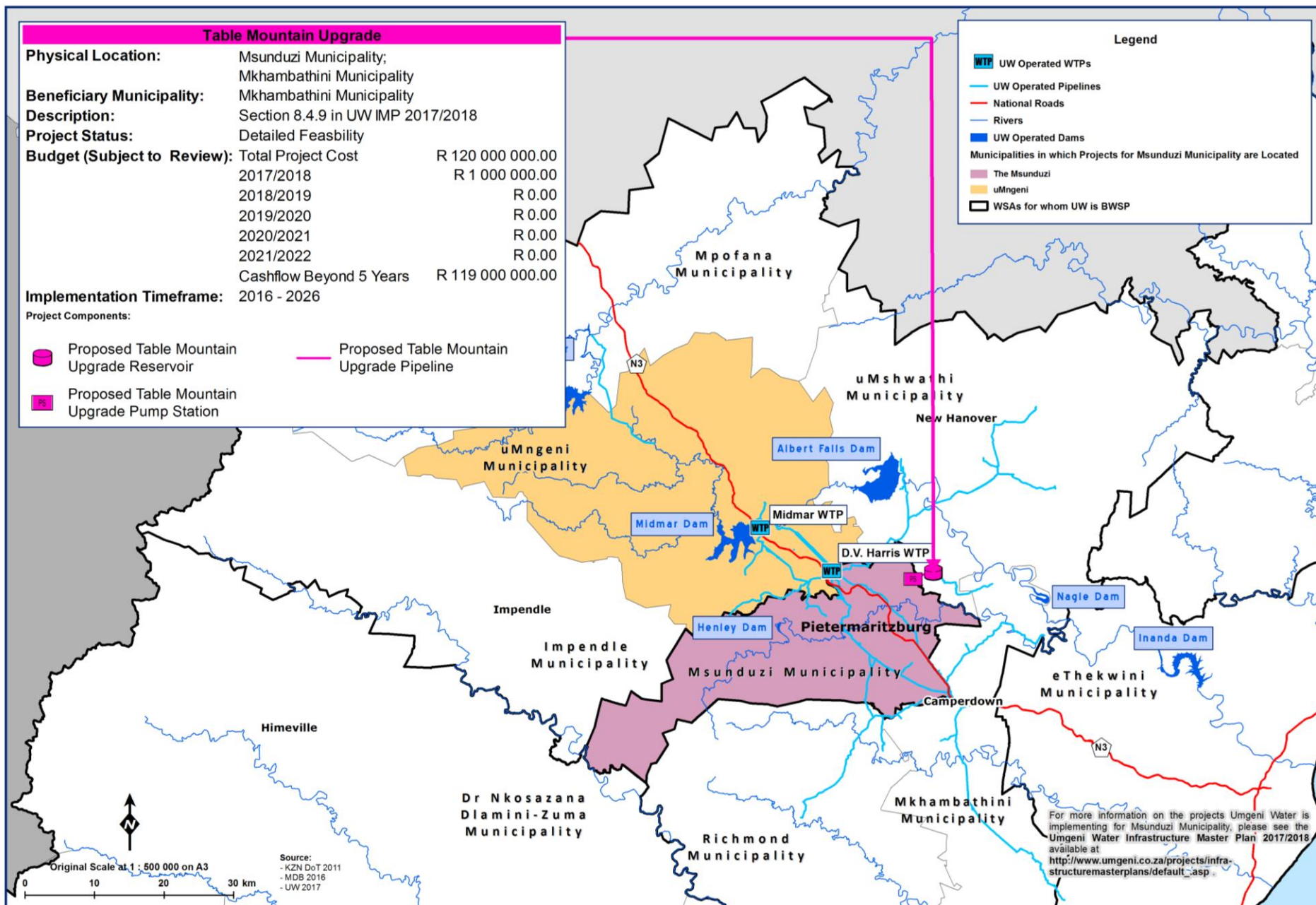
Physical Location:	Msunduzi Municipality; Mkhambathini Municipality
Beneficiary Municipality:	Mkhambathini Municipality
Description:	Section 8.4.9 in UW IMP 2017/2018
Project Status:	Detailed Feasibility
Budget (Subject to Review):	Total Project Cost R 120 000 000.00
	2017/2018 R 1 000 000.00
	2018/2019 R 0.00
	2019/2020 R 0.00
	2020/2021 R 0.00
	2021/2022 R 0.00
	Cashflow Beyond 5 Years R 119 000 000.00
Implementation Timeframe:	2016 - 2026

Project Components:

-  Proposed Table Mountain Upgrade Reservoir
-  Proposed Table Mountain Upgrade Pipeline
-  Proposed Table Mountain Upgrade Pump Station

Legend

-  WTP UW Operated WTPs
-  UW Operated Pipelines
-  National Roads
-  Rivers
-  UW Operated Dams
-  Municipalities in which Projects for Msunduzi Municipality are Located
-  uMgeni
-  WSAs for whom UW is BWSP



Darvill Wastewater Works Upgrade

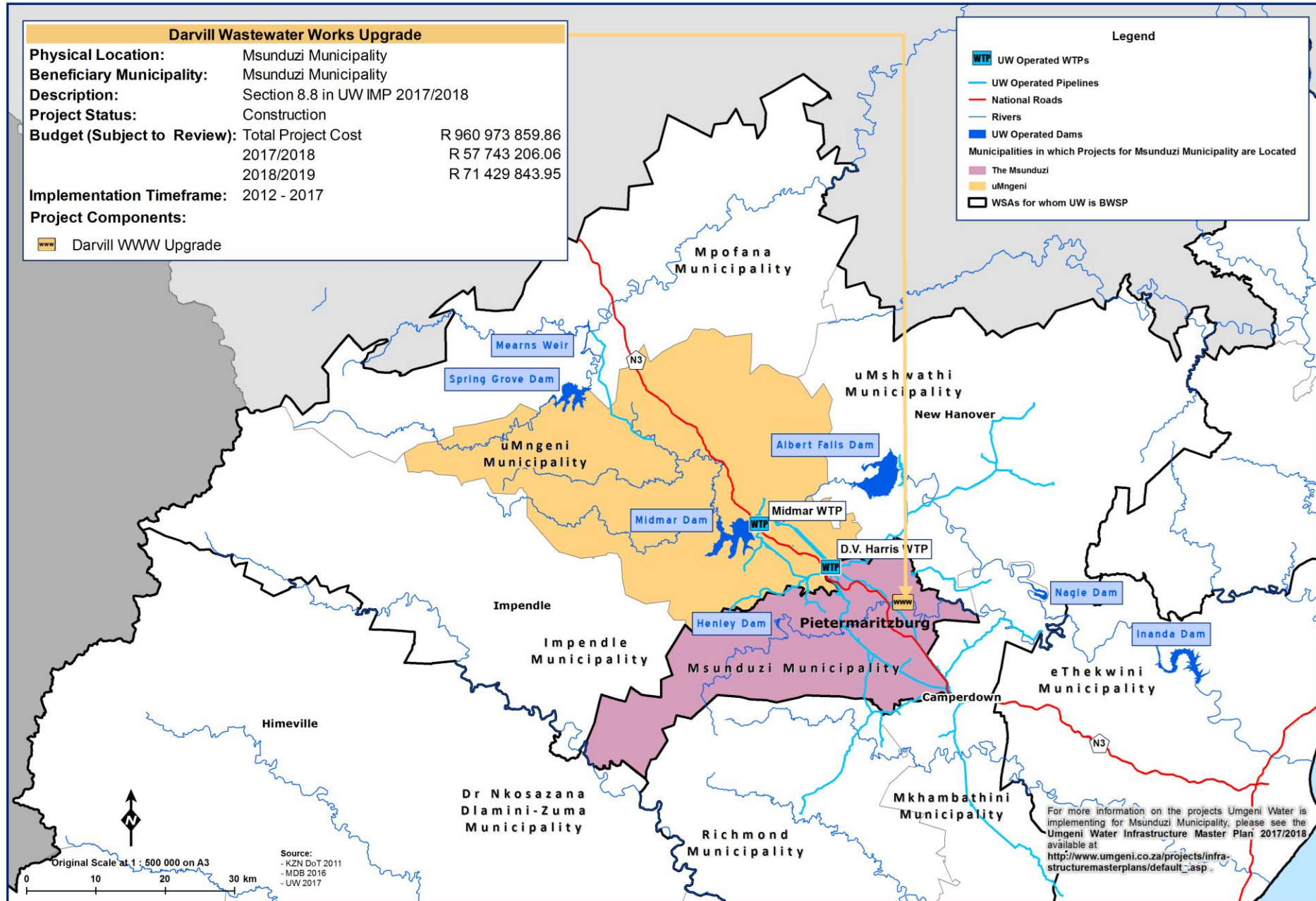
Darvill Wastewater Works Upgrade

Physical Location: Msunduzi Municipality
Beneficiary Municipality: Msunduzi Municipality
Description: Section 8.8 in UW IMP 2017/2018
Project Status: Construction
Budget (Subject to Review): Total Project Cost R 960 973 859.86
 2017/2018 R 57 743 206.06
 2018/2019 R 71 429 843.95
Implementation Timeframe: 2012 - 2017
Project Components:

 Darvill WWW Upgrade

Legend

-  UW Operated WTPs
-  UW Operated Pipelines
-  National Roads
-  Rivers
-  UW Operated Dams
- Municipalities in which Projects for Msunduzi Municipality are Located
 -  The Msunduzi
 -  uMngeni
 -  WSAs for whom UW is BWSP



Contact Details

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