



DEPARTMENT OF WATER AND SANITATION

Water is Life
Sanitation is Dignity

ANNUAL PERFORMANCE PLAN

VOTE 36

FOR THE FISCAL YEARS
2017 | 18 to 2019 | 20



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



Foreword by the Minister



The revised Strategic Plan of the Department
Foreword by the Minister

The revised Strategic Plan of the Department of Water and Sanitation encapsulates the planning trajectory of the department towards the realisation of the objectives of the National Development Plan and Vision 2030. It does so by aligning the strategic framework to the 2014 – 2019 Medium Term Strategic Framework and the performance delivery agreement that I have signed with the Honourable President, Mr Jacob Zuma. In this context, I am committed to ensuring our work contributes to the radical-socio-economic transformation agenda of the 5th administration of government.

Given the service delivery environment we are functioning in; I am acutely aware of the formidable challenges towards the achievement of the vision of “equitable and sustainable water and sanitation that supports socio-economic growth and development for the well-being of current and future generations.” One of the most pressing challenges South Africa is currently facing is the strongest El Nino on record which has also put water and food production under threat. We are working together with other sectors of government, civil society and the private sector to alleviate the devastating impact of the drought.

A number of solutions such as desalination plants for our coastal towns; drilling of new boreholes



and refurbishment of existing boreholes are being considered to ensure continued supply of water. Although significant rains at the beginning of 2017 improved levels of water stored in our reserves in eight of the nine provinces; this does not translate to an indication of a recovery from the drought. Full recovery is only anticipated in about three years' time. Recognising that South Africa is a water scarce country; what is required of us is to change the mindset in the way we use water and seek innovative means to incorporate smart technologies to conserve water as much as we can in the present while planning for the future.

As we continue to consolidate the gains made since the advent of our democratic dispensation and ensuring that South Africa becomes a better place live, it is important to acknowledge that hard work is still required to address the triple challenge of poverty, unemployment and inequality. Therefore, investing in the youth and mainstreaming women in all the work and outputs of the water and sanitation sector is a vital component of this strategic plan. One such programme is the Women in Water Incubator Programme which is aimed at creating a supportive environment where existing and new women entrepreneurs, particularly those from previously disadvantaged groups, are able to start-up and develop their businesses from available opportunities in the water and sanitation sector.

As a cross-cutting sector; we have an important role to play in ensuring the success of the drivers and enablers of the nine-point intervention plan announced by the President at his SONA 2015. Cooperation with our sister departments and all spheres of government must assist us to deliver services to our people in a coordinated fashion. Together with our water and sanitation sector entities; that remain a critical backbone as repositories of additional skills and capacity; we will continue to enhance the development of new skills with particular emphasis on the previously disadvantaged, in all areas of expertise spanning the sector value chain.

The Department of Water and Sanitation will continue to play a leading role in creating the environment for the achievement of the goals stated in this Strategic Plan in partnership with all stakeholders, social partners as well as the private sector. We will continue to work with and be guided by the Parliamentary Committees responsible for oversight over our work. This oversight and attention is necessary for our focus on the broader necessities and requirements of the electorate.

Together with the rest of the team in the Department, led by the Director General, Dan Mashitsho, are committed to ensuring that we effectively transform the water and sanitation sector as well as provide quality water and decent sanitation to our people.

I recommend this Revised Annual Performance Plan for 2017/18 to 2019/20 to Parliament, and also to the people of South Africa.



Mrs N P Mokonyane
MINISTER OF WATER AND SANITATION

Message from the Deputy Minister



The programme of change and transformation in the Department of Water and Sanitation continues with new approaches introduced and new role players identified in conducting our business.

The existing Water Boards are to be aligned in relation to the various provinces and will now be at the centre of the work we do in the local municipalities. The Department will work towards clear segregation of duties between the Water Boards, the District Municipalities and the Local municipalities.

In the last financial year the Department worked very closely with individual municipalities in the various provinces. The District Municipalities have since been charged with a responsibility to coordinate water and sanitation services backlogs in their area of operation.

Presently, in the Eastern Cape we have managed to source information on the water and sanitation services backlogs in Joe Gqabi, Amathole and Chris Hani District Municipalities. In this financial year we will engage all District Municipalities in the country to collect this data and avail to the Department these water and sanitation services backlogs.

This will be done through interactions in meetings with individual district municipalities. This will be coupled with provincial water and sanitation conferences. These conferences will be a platform



to continuously share the vision of the Department and mobilise districts to work together with local municipalities in their jurisdiction.

Together with the Water Research Commission, the Department will allow new partners in the water and sanitation space to showcase and present new technology in the market that could assist in alleviating water and sanitation challenges.

Our work in the management of the water resource will continue through youth and women targeted projects. The National Youth Water and Sanitation Summit will now be positioned better to attract more youth and student formations.

This year's Summit will include more schools, out of school youth formations and many young professionals coming from both the private and the public sector. The information that will be shared in the Summit will be based on the experiences and knowledge acquisition on topical water and sanitation sector issues in the various provinces.

The 2020 Vision for Water and Sanitation Programme aimed at educating schools about water conservation and promotion of water sector careers will be enhanced. Provinces will be required to demonstrate their footprint of this project in each local municipality.

The War on Leaks Programme aimed at eradicating water leaks whilst creating jobs for the youth will in this financial year take in additional 7000 trainees into the system. The 3000 trainees who were part of the 2015 intake will be placed in training institutions closer to their homes and in service training be arranged with their local municipalities.

The Adopt a River Project aimed at addressing pollution in the rivers whilst empowering women through job creation and skills development will be sourced with resources such as personnel that will oversee the project implementation and with funding for provisioning of the project.

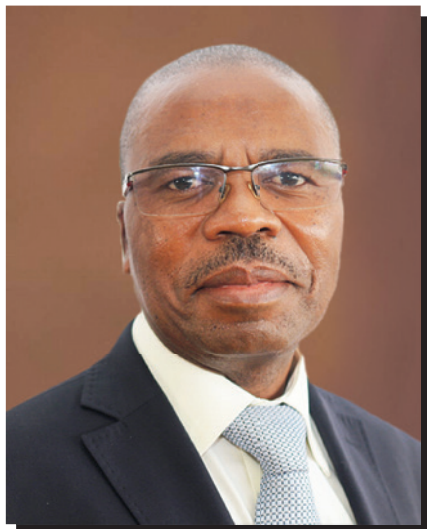
The Departmental Unit working on the transformation of women will be assisted to achieve these targets through engagements and joint planning sessions.

In 2017 all our efforts will be directed at mitigating the severe drought conditions that have been experienced recently. The Department will ensure that the challenges of water and sanitation are tackled by all caring and freedom loving South Africans going forward.



Mrs P Tshwete (MP)
DEPUTY MINISTER OF WATER AND SANITATION

Overview of the Accounting Officer



Mr Dan Mashitsho
DIRECTOR-GENERAL
Department of Water and Sanitation

The nature of the department and the mandate thereof as derived from the country's Constitution, together with the political direction of two very well respected and "steeped in community service" leaders embodied in the Minister and Deputy Minister, leads me to believe that all of us have to roll up our sleeves and keep in step and in line with our political leaders.

The communities we serve are varied and therefore as the Department of Water and Sanitation team we must ensure that the plans and delivery timelines must release the communities from the frustrations of the society we come from. Our freedom and that of the people we serve cannot be complete until as a team, we realise and understand that what we are about is the comfort of the communities, wherever they may be.

Whilst the delivery of basic services must happen quickly, we must also strictly adhere to all governance processes and requirements. The service delivery tools in our hands, from the Constitution, to the National Water Act, Water Services Act, Water Research Act, including all the relevant policy mandates and strategies, form a solid basis upon which to build our plans for the next financial years.

The department's planning process for the 2017/18 medium term has been intensive by also including representatives from the department's public entities. This process critically reviewed and recommended changes to the strategic framework of the Department and indeed the broader water and sanitation sector .

Informing this process was the need to strengthen the situational analysis and performance environment. Most importantly was the need to respond to emerging policy in the form of the National Water Resources Strategy-2, National Sanitation Policy and to strengthen alignment to the Medium Term Strategic Framework (the MTSF) as per the Minister's Performance Agreement.

All the major water infrastructure projects currently underway including sanitation services must be steered towards completion in the allocated timeframes. Proper and timely support to local government must happen within the allowed parameters whilst being conscious of the need to address the communities' patience and right to services.

All of us have a duty to the people of South Africa. We have to stand together, give all the technical support to our principals, and most importantly, have pride in what I believe we can all achieve together.

The plan seeks to better assert the role of the department as a sector leader and it is in line with the National Development Plan, Vision 2030, the MTSF 2014-19, and in support of the radical socio-economic transformation agenda of the government of the day. In addition, this plan sets out our transformative ambitions for the water and sanitation sector, and the mechanisms through which we will guide and support its development – as a participatory and collaborative water and sanitation sector.



Mr Dan Mashitisho
DIRECTOR-GENERAL

Official sign off

This annual performance plan was developed by the sectoral management of the Department of Water and Sanitation under the guidance of the Executive Authority.

It takes into relevant policies, legislation and other mandates for which the Department is responsible and accurately reflects the strategic outcome oriented goals and objectives which it will endeavour to achieve over the 2017 medium term period.

Chief Financial Officer: Main Account	
Chief Financial Officer: Water Trading	
Director-General	
Deputy Minister: Water and Sanitation	
Minister: Water and Sanitation	

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List of abbreviations and acronyms

Abbreviation/Acronym	Description
ACIP	Accelerated Community Infrastructure Programme
AMD	Acid Mine Drainage
AMP	Asset Management Plan
APP	Approved Professional Person
BBBEE	Broad-Based Black Economic Empowerment
BDS	Bulk Distribution System
BEE	Black Economic Empowerment
BWS	Bulk Water Supply
CE	Chief Executive
CHDM	Chris Hani District Municipality
CMA	Catchment Management Agency
DIRCO	Department of International Relations and Cooperation
DM	District Municipality
DPME	Department of Planning Monitoring and Evaluation
DPSA	Department of Public Service and Administration
DWS	Department of Water and Sanitation
EC	Eastern Cape
ECL	Environmental Critical Level
EIA	Environmental Impact Assessment
ELU	Existing Lawful Use
EME	Exempted Micro Enterprise
FBSan	Free Basic Sanitation
FDI	Foreign Direct Investment
FOSAD	Forum for South African Directors-General
FS	Free State
GA	General Authorisation
GCIS	Government Communication and Information System
GLeWAP	Greater Letaba Water Augmentation Project
GP	Gauteng
GWS	Government Water Scheme
IRS	Implementation Readiness Study
JSE	Johannesburg Stock Exchange

Abbreviation/Acronym	Description
KSD	King Sabata Dalindyebo
KZN	KwaZulu-Natal
LM	Local Municipality
LP	Limpopo
m ²	Metre squared
m ³	Cubic metre
MIIF	Municipal Infrastructure Investment Framework
MI	Megalitre
MI/d	Megalitre per day
mm	Millimetres
MMS	Middle Management Service
MP	Mpumalanga
MPAT	Management Performance Assessment Tool
MTSF	Medium-Term Strategic Framework
MWIP	Municipal Water Infrastructure Programme
NAMP	National Asset Management Plan
NC	Northern Cape
NDP	National Development Plan
NEDLAC	National Economic Development and Labour Council
NT	National Treasury
NW	North West
NWA	National Water Act
NWRI	National Water Resources Infrastructure
NWRS-2	Second National Water Resources Strategy
NWSMP	National Water and Sanitation Master Plan
NWSRS	National Water and Sanitation Resources Strategy
OFO	Organising Framework for Occupation
ORWRDP	Olifants River Water Resource Development Project
OSD	Occupation Specific Dispensation
QSE	Qualifying Small Enterprise
RBIG	Regional Bulk Infrastructure Grant
RDP	Reconstruction and Development Programme
RID	Record of Implementation Decision
RW	Rand Water

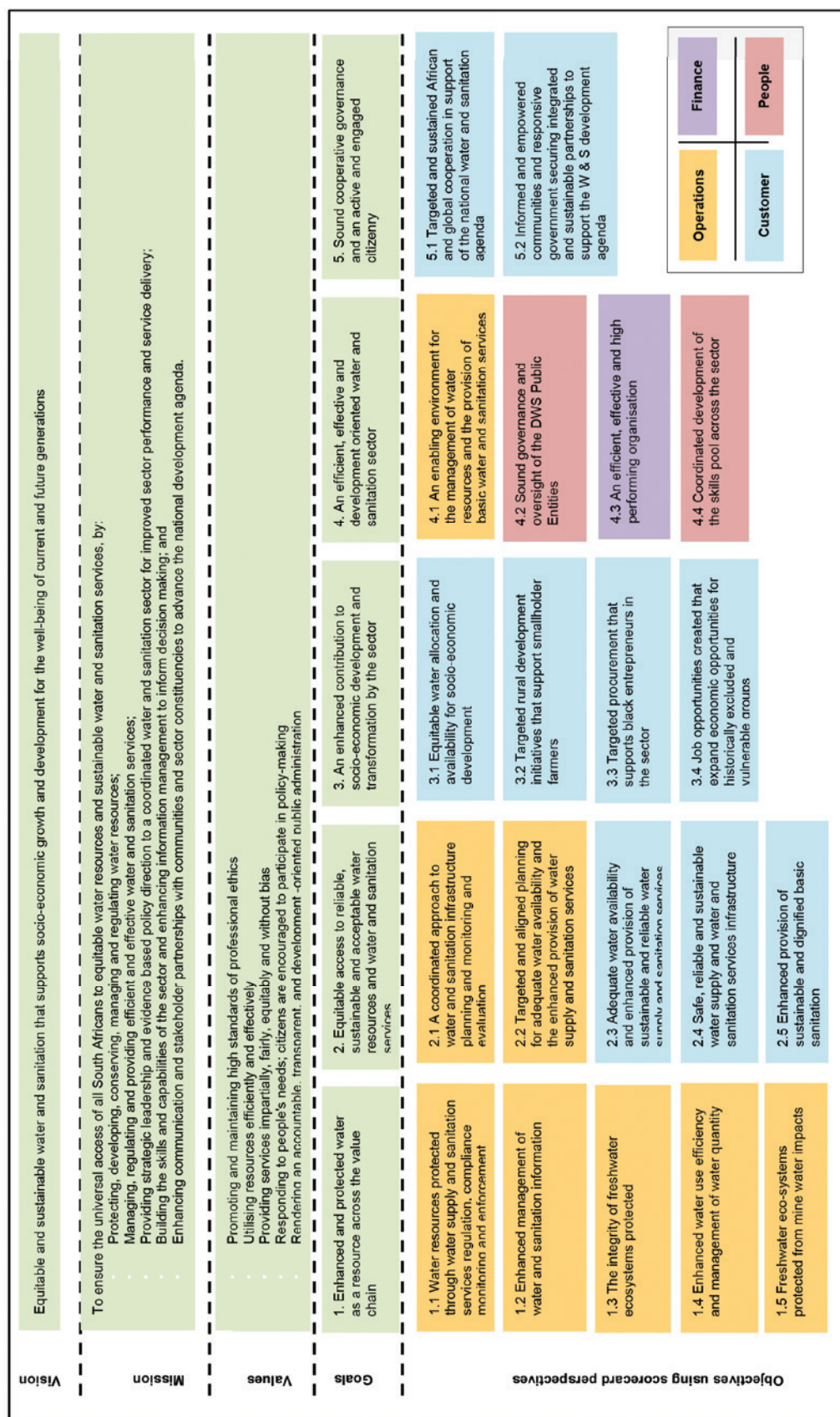
Abbreviation/Acronym	Description
RWS	Regional Water Scheme
SADC	Southern African Development Community
SALGA	South African Local Government Association
SDG	Sustainable Development Goal
SIP	Strategic Infrastructure Project
SMART	Specific Measurable Achievable Realistic Time-bound
SMS	Senior Management Service
StatsSA	Statistics South Africa
SWPN	Strategic Water Partners Network
TCTA	Trans Caledon Tunnel Authority
TRA	Temporary Relocation Areas
VIP	Ventilated Improved Pit
WB	Water Board
WC	Western Cape
WCDM	Water Conservation Demand Management
WMI	Water Management Institution
WRC	Water Research Commission
WS	Water Scheme
WSA	Water Service Authority
WSDP	Water Sector Development Plan
WSS	Water Supply Scheme
WTE	Water Trading Entity
WTP	Water Treatment Plant
WTW	Water Treatment Work
WULA	Water Use License Application
WULATS	Water Use License Application Tracking System
WWTP	Wastewater Treatment Plant
WWTW	Wastewater Treatment Work

Part A:

Strategic Overview



Strategy map of the DWS



1 Updated situational analysis

South Africa has adopted the United Nation's post-2015 development agenda that identified 17 Sustainability Development Goals (SDGs). The right to water and sanitation for all is identified in goal six (6) and the 2030 targets are listed as follows:

- Achieve universal and equitable access to safe and affordable drinking water for all
- Achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
- Improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally
- Substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity
- Implement integrated water resources management at all levels, including through trans-boundary cooperation as appropriate
- By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
- Expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
- Support and strengthen the participation of local communities in improving water and sanitation management

This brief contextual overview sets the tone for the critical review of the performance environment of the DWS and the broader water and sanitation sector.

1.1 Performance environment

South Africa is located in a predominantly semi-arid part of the world that is characterised by a highly uneven natural availability of water due to poor spatial rainfall distribution (see illustration in the figure 1 below). This is further compounded by the strong seasonality rainfall as well as high within-season variability over the entire country.

The country has no real large or navigable rivers and the combined flow of all rivers is estimated at 49 000 million cubic metres per year (m³/a). Surface runoff is also highly variable resulting in the streamflow of the country's rivers at relatively low levels for most of the time. The sporadic high flows that do occur limit the proportion of streamflow that can be relied upon to be available for use. These circumstances also have implications for water-related disasters such as droughts and floods.

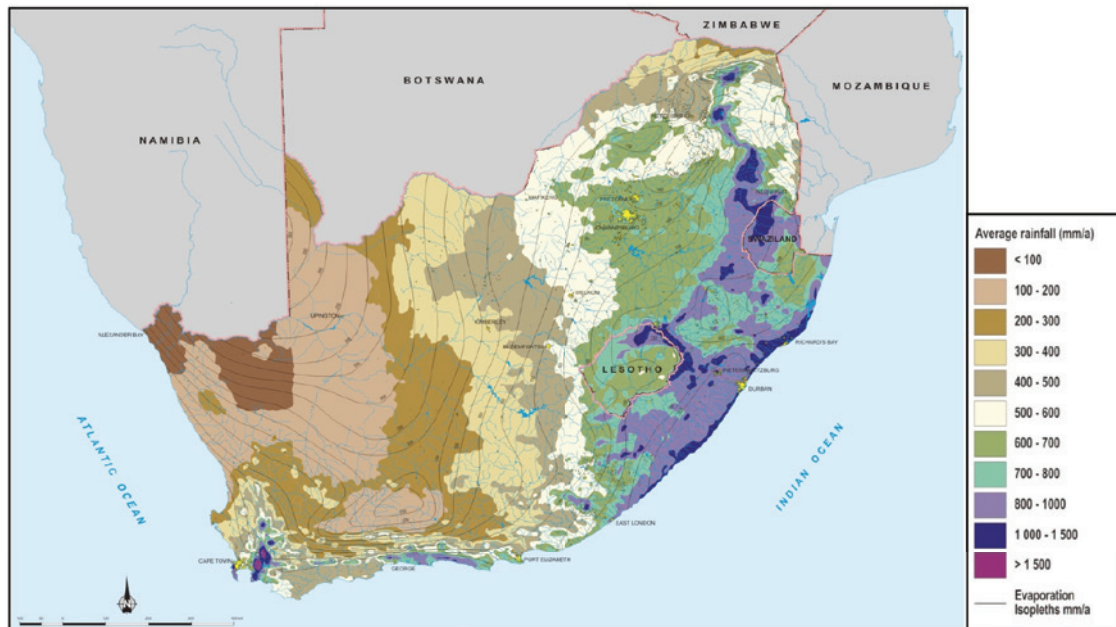


Figure 1: Water management areas

South Africa shares four (4) of its main rivers (i.e. Limpopo, Inkomati, Pongola, and Orange) with other countries, making their judicious joint management of paramount importance. To facilitate the management of water resources, the country has been divided into water nine (9) management areas (WMAs) as illustrated in the figure below. The analysis will be thus based on these WMAs.

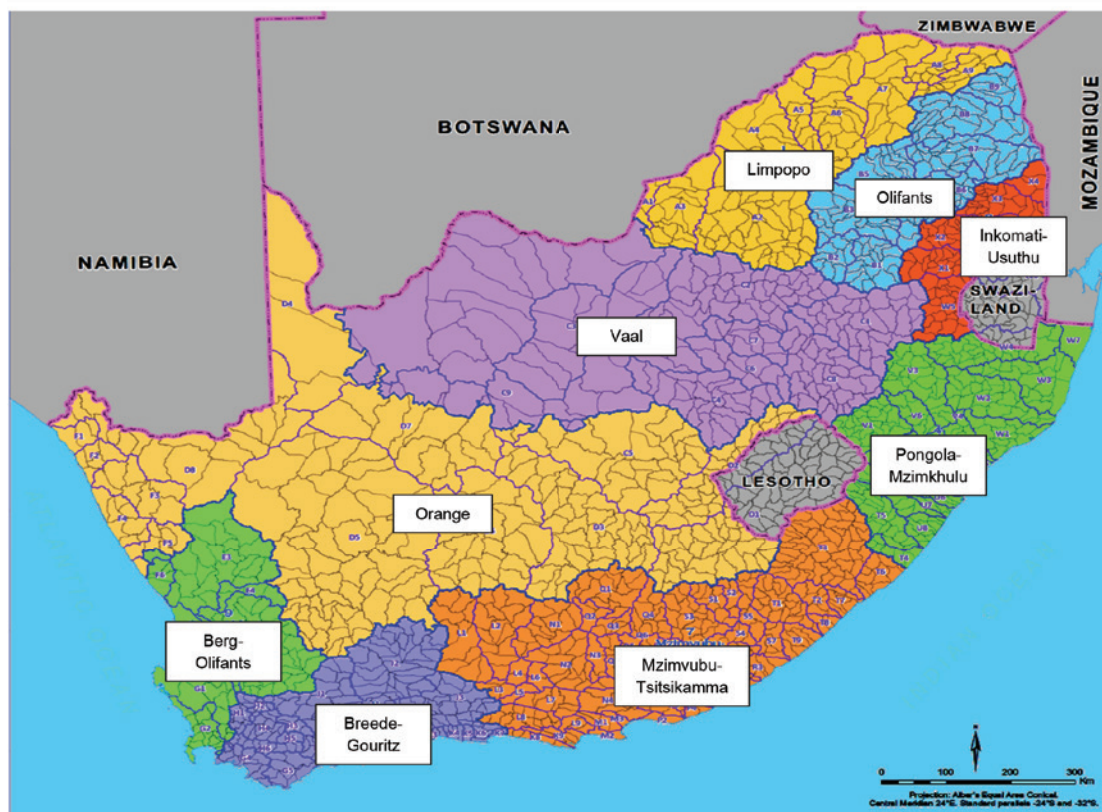


Figure 2: Water management areas

Status of the country's dams

South Africa is still heavily reliant on surface water and its further development with more than two thirds of the country's mean annual runoff already stored in dams. Ground water currently reflects only 16% use and is underutilised, undervalued and not well managed. Approximately 7,500 million m³/a of groundwater is available for further development and between 3,000 and 4,000 million m³/a is currently in use. The Climate Change Response Strategy for the water sector describes highly unpredictable and variable climate conditions characterised by floods and prolonged droughts.

South Africa has been experiencing below normal rainfall since the 2014 summer rainfall season and steadily building up into the 2015 summer rainfall season leading to the worse drought in decades. Subsequent to the global declaration of the El Nino event in March 2015, the drought in the country dramatically intensified in November and December 2015 with large parts of KwaZulu-Natal, Mpumalanga, Free State, North West, Gauteng, the southern parts of Limpopo, northern parts of Northern Cape, northern parts of Eastern Cape and south western parts of the Western Cape severely impacted by severe to extreme drought.

As a result of the drought, dam levels experienced a downward trend from a national average storage of 93.3% in March 2014 to a recorded 51.4% during September 2016. A total of 211 dams are being monitored country-wide and as at 06 February 2017, with the percentage of full capacity for 19 dams below 10%. A total of 46 dams are between 10% and 40% and 39 dams are above 100%. Overall, the national average for dam levels has slightly increased by 0.6% to 55.56% compared with the same time last year.

The provincial dam storage levels compared to the previous two weeks reflect a decrease for three (3) provinces with the remaining six (6) reflecting an increase. The Eastern Cape, Northern Cape and Western Cape dam levels are down by 0.8% to 56.9%, by 0.1% to 93.6% and by 1.7% to 36.2% respectively. The Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga and North West dam levels on the other hand are up by 0.5% to 57.2%, by 0.1% to 86.7%, by 0.1% to 47.1%, by 2.4% to 66.1%, by 1.9% to 67.8% and by 0.6% to 73.8% respectively.

Operations of water resource systems

The water requirements in all user sectors have been increasing while the opportunities for augmenting supplies to meet the needs are diminishing. The water supply systems comprising a number of interlinked sources with major storage dams and interlinking aqueducts and pumping installations are becoming very complex. It is therefore important to operate water resources infrastructure optimally to meet sometimes conflicting requirements and to reduce water wastage in the system.

The department developed guidelines for water supply systems during normal, drought and flooding conditions. Also, formal operating rules have been developed for a number of water supply systems in the country such as the Integrated Vaal River System, the Orange River System, the Algoa System, the Amatole system, the Western Cape system and the Groot Letaba system.

The monitoring of the water supply systems as at 06 February 2017, can be summarised as follows:

- Algoa system: the 5 dams serving the Nelson Mandela Bay reflected a decrease of 1.2% to 52.2%. This is a 37.9% decrease compared to the same period last year where the system was at 90.1%.
- Amathole system: the 6 dams serving the Buffalo City were steady at 72.4%. Although this is a 20.5% decrease compared to the same period last year (which was at 92.9%), there are no restrictions in place.

- Bloemfontein system: the 4 dams serving mainly Mangaung were steady at 37.9% compared to 30.3% at the same period last year. There is still inflow in Caledon River and pumping from Tienfontein pump station is still continuing. There are restrictions of 30% for urban and 75% for irrigation in place.
- Western Cape system: the 6 dams serving mainly the City of Cape Town decreased by 1.6% to 36.9%. This is a 8.1% reduction compared to the same period last year (which was at 45%). There are restrictions of 20% for the domestic sector and 30% for agriculture with the municipality introducing level 3B restrictions to meet the target of 8 Megalitres per day.
- Crocodile West system: the 6 dams serving mainly Tshwane, Madibeng and Rustenberg had a decrease of 1.9% to 96.2%. The system was at 96.2% at the same time last year.
- Integrated Vaal River system: the 14 dams serving mainly Gauteng, Sasol and Eskom increased by 0.8% to 65.56% compared to 59.8% the same time last year. The system gained 89 million cubic metres week-on-week. There are restrictions of 15% for urban use and 20% for irrigation.
- Polokwane system: the dams in this system increased by 2.1% to 52.2% which is the same as the previous year. There are restrictions of 20% for all users in place
- Umgeni system: the 5 dams mainly serving eThekwin and Msunduzi were steady at 47.3%. There is a 11.1% reduction compared to the same period last year (which was at 58.4%). There are restrictions of 15% for domestic users, 50% for irrigation and 15% for industry in place
- Orange River system: the Gariep dam is at 53.6% which is an increase of 1.2% whilst the Van Der Kloof dam is at 51.7% which is a decrease of 0.9%

Reconciling water use and meeting the demand for water resources

Section 21 of the National Water Act provides for the registration of water uses identified therein. This enables the department to gather information necessary to manage the country's water resources (i.e. ascertain how much water can be used without compromising the aquatic ecosystems health).

As at September 2016, the registered national water use per sector is depicted in the figure below

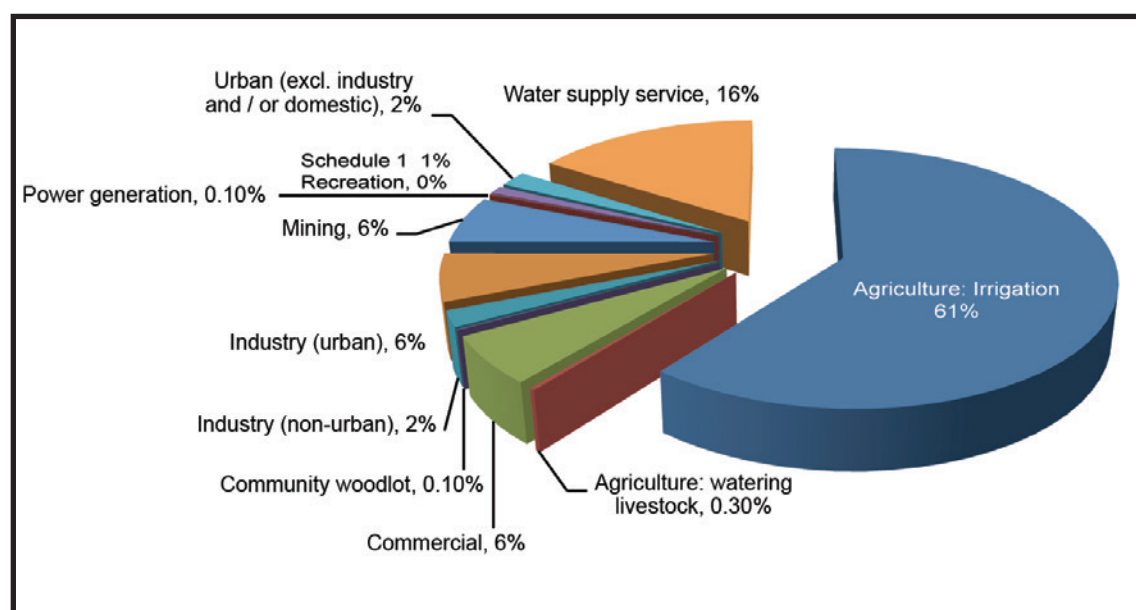


Figure 3: Registered national water use per sector

The water management areas that had the highest water uses as at September 2016 are Pongola-Umzimkhulu, Inkomati-Usuthu and Olifants. The percentages of registered water uses per water management area are presented in the figure below:

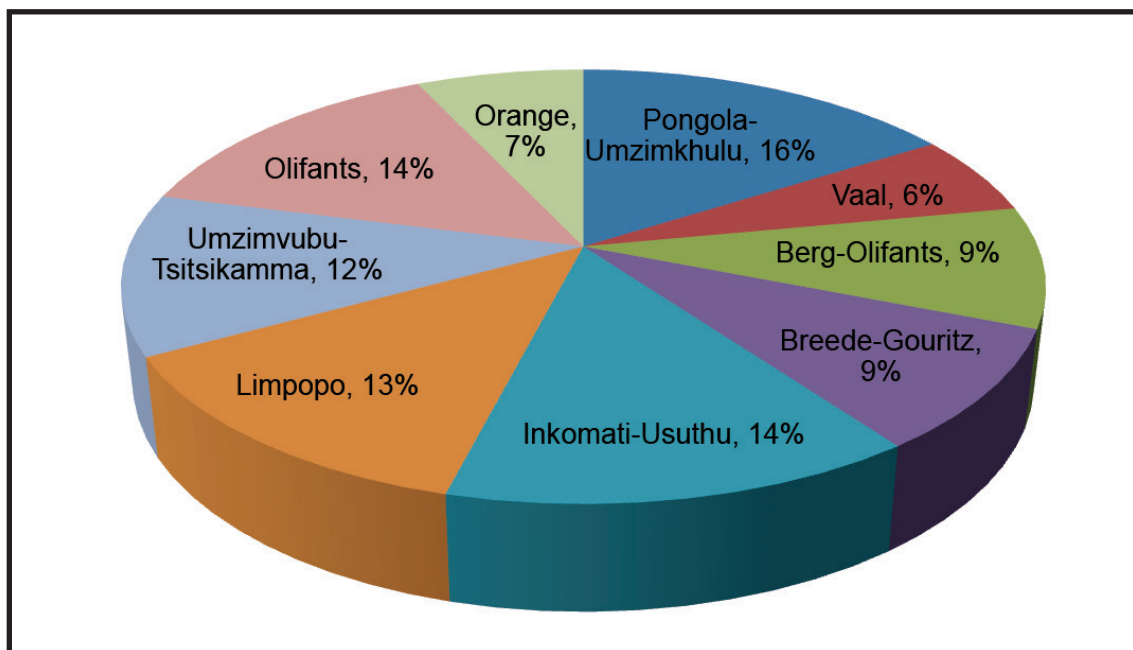


Figure 4: Percentage of water registered water use volumes per water management area

In an effort of reconciling the water requirements with water availability, the department implements water conservation and water demand management (WCWDM) in 8 large water supply systems. The WCWDM interventions and targets are set during the development of the associated reconciliation strategies. The analysis from water balance information obtained from December 2015 to June 2016 is summarised below:

- Integrated Vaal River System: municipalities (e.g. City of Tshwane, Ekurhuleni, City of Johannesburg etc.) within the system managed to achieve 10.9% savings which exceeded the targeted saving by 0.8%
- Crocodile West River water supply system: the municipalities (e.g. Thabazimbi, Bela-bela, Madibeng etc) within this system did not achieve the targeted savings of 11% but only managed to reduce their savings by 4.6%
- KwaZulu-Natal Coastal Metropolitan water supply system: the municipalities (e.g. eThekweni Metro, Msunduzi, uMgungundlovu etc) managed to reduce their savings by 5.1%.
- Western Cape water supply system: the municipalities (e.g. City of Cape Town) within this system managed to reduce their savings by 19.1% and thus exceeding their targeted savings by 7.1%
- Algoa water supply system: the municipalities (e.g. Nelson Mandela Metro) within this system achieved a 10.6% savings
- Amatole water supply system: the municipalities within this system (e.g. Buffalo City Metro) achieved a 10.6% savings
- Greater Bloemfontein water supply system: the municipalities within this system (e.g. Mangaung Metro) achieved a savings of 7.8%
- Olifants River water supply system: the municipalities within this system (e.g. Polokwane, City of Tshwane etc) achieved a savings of 1.2%.

Infrastructure in terms of water resources and water services

There is a well-developed infrastructure, with more than 4,395 registered dams in South Africa, including 350 dams belonging to the department, and a number of large-scale inter-basin water transfer schemes. Water services infrastructure covers more than 35,000km of bulk pipelines and 200,000km of reticulation systems that are managed by 152 water service authorities and providers.

However, this existing infrastructure needs maintenance and the country is already experiencing challenges with lack of focus on sustainable asset management. The schemes also require efficient and effective operations, for which specialised skills and capabilities at all levels are needed. Major challenges are experienced with regard to the capabilities of water services authorities to effectively manage the schemes on a sustainable basis. This issue needs to be dealt with decisively through a review of the mandates and policies in relation to the management of water infrastructure, and available capacity.

Work is also required in terms of rolling out the establishment of appropriate institutions, such as Regional Water Utilities, as well as to better leverage private sector support. Non-revenue water is also a challenge to be dealt with.

Medium to long term capital investment plans must be based on up-to-date reconciliation of changing water requirements and water availability from surface water, groundwater, re-use, desalination of seawater and rainwater harvesting sources. In this revised strategic plan, a large focus is placed on increasing bulk water supply through effective project planning, project implementation, as well as strengthened demand management planning processes; for optimal budget spend towards meeting targeted completed dates for bulk projects.

Water quality and environmental protection

Water quality refers to the physical, chemical and biological characteristics of water. It describes how suitable the water is for its intended purpose in nature or use by different water users. Different ecosystems and different user groups can have widely variable water quality requirements.

The major contributors to water quality problems facing South Africa's surface water are eutrophication, faecal pollution, salinisation and acid mine drainage (AMD).

Eutrophication is the process of nutrient enrichment usually as a result of run-off from surrounding land resulting in excessive plant growth (e.g. algae, plankton) in water bodies. Certain parts of the country, like KwaZulu-Natal, Eastern Cape and Limpopo tend to be hypertrophic (i.e. extraordinary algae multiplication causing water to be unsuitable for drinking). The Crocodile (West) and Marico (that is part of the Limpopo catchment) is one such example containing many hypertrophic sites that has been occurring for a number of years. The department must conduct regular educational campaigns on the reduction of aquatic pollution for the settlements in this catchment.

Salinity is a measurement for the concentration of salt in a given volume of water. A number of the country's rivers are polluted due to the disposal of untreated solid waste and wastewater. The disposal of effluent from mining and industries into public water bodies depletes dissolved oxygen, thus affecting the normal environment supporting the aquatic biota. This threatens and has in many cases already altered the ecological status of most rivers. This said, the chemical pollutants in most parts of the country are still on good and fair state.

Provision of basic services in terms of water and sanitation

As compared to the rest of Africa, South Africa is performing relatively well in the provision of basic water and sanitation services. However, as acknowledged by government and through the National Development Plan, more work is still required to extend this basic service to the entire population.

The global scorecard from the 2016 Environmental Performance Index (EPI) indicates that the number of people without access to water has been nearly cut in half from 960 million in 2000 to 550 million. In addition, 23% of countries have no wastewater treatment with more than 80% of the world's discharged wastewater untreated when released into the environment. The EPI therefore recommends that countries need to invest in wastewater treatment infrastructure to reach the Sustainable Development Goal 6 of halving the proportion of untreated water by 2030.¹

Although the EPI reflects that South Africa performs better than countries in the Sub-Saharan region, more still needs to be done in relation to the provision of water and sanitation. The Index ranks South Africa at 81st of 180 countries in its overall ranking.

While it is primarily the function of local government to ensure the provision of basic water and sanitation; the DWS supports the activities related to achieving the MTSF targets of 90% access to basic water and sanitation, as well as the eradication of the bucket system by 2019. This support is through the construction of 109 water and wastewater infrastructure to support a number of water service authorities.

The DWS is also committed to supporting COGTA in its “back to basics programme” by providing technical support to local government and intervening directly in priority areas where local government lacks the capacity and capability to provide basic water and sanitation services.

Further environmental factors impacting on the work of the sector

A comprehensive environment analysis was conducted as part of the strategic planning process, detailing the key issues impacting on the work of the Department. The detailed PESTEL is attached to the strategic plan as an annexure with the below reflecting the salient points requiring a response by the Department over the period.

Strengthening the regulatory environment

The impact of change in the environment is not confined to only water issues but extends to socio-political and socio-economic imperatives that warrant a review of the regulatory environment. Of late, this includes the fact that South Africa has adopted the UN's sustainability development goals and committed to the outcomes of COP21. Combined with the policy direction of the country and particularly the policy implementation challenges, a policy shift and review of legislation informing the mandate and service delivery orientation of the Department and the broader water and sanitation sector is necessary.

Currently, the National Water Act and the Water Services Act are the two legal prescripts addressing the water value chain. The time is opportune to review these pieces of legislation and to consolidate them into a single, comprehensive Act for improved responsiveness to the geo-political and regulatory environment. It is envisaged that having a single, consolidated legislative prescript will enable the Minister, the DWS, water management and services institutions, and water users to have a clearer understanding of the legislative aspirations and requirements regarding water across the full water and sanitation value chain; with due consideration for the latest developments in sustainability and water mix diversification. A single Act for the water value chain will also eliminate any confusion associated with having to cross-read between two Acts.

¹ Source: *Global Metrics For The Environment* (2016), www.epi.yale.edu

In the water resource management environment, issues have emerged in which policy is not definitive and thus unable to effectively ensure its sustainable management. These could therefore impede effective service delivery and sustainable management of water resources if not addressed through a policy statement; a process the DWS is leading in collaboration with other key departments and stakeholders.

The National Water Act provides for the establishment and transformation of institutions to help the DWS to give effect to its core mandate. There are challenges that have been broadly documented regarding the lack of accountable and efficient management of regional water infrastructure and also problems with the delivery of water services by local government. The process of rationalising institutions and establishing regional water authorities is underway.

Equity is critical in ensuring that water reform in South Africa is realised. In the water sector, equity implies justice in the management of water, responding to social and economic needs of all South Africans. The existing legal framework and policy does not adequately respond to the objective of redress in terms of making water available and advancing equity considerations. It is imperative that provisions within the NWA should not only protect the interest of existing water rights, but should also provide mechanism to make water available for redress. This is to be addressed by the new Water and Sanitation Act.

The sanitation sector is currently regulated by three policy documents, namely the White Paper on Water Supply and Sanitation (1994); the White Paper on a National Water Policy of South Africa (1997) and the White Paper on Basic Household Sanitation (2001) that provide a suit of procedures, rules and allocation mechanisms for sanitation in the country. The Department is in the final stages of finalising the reviewed single Sanitation Policy. This will be followed by the finalisation of a consolidated Water and Sanitation Policy.

As sanitation is a critical link in the water value chain and is not currently accounted for in the NWRS-2, the Department has commenced with the process to review the NWRS-2 to include the sanitation function and thus to ensure that the full value chain of water is incorporated in the planning processes of the water and sanitation sector.

A key regulatory measure being pursued by the Department is the development of an appropriate model for the regulation of water tariffs, this includes the establishment of an economic regulator for the water sector and the development of a water tariffs mechanism that entitles consumers to a basic level of provision, after which a tariff would be applicable.

Contributing to socio-economic development

The role of water and sanitation in the socio-economic development of the country is explicitly defined in the NDP and, as reflected in earlier sections of this strategic plan, the Department drives a number of activities that contribute to this macro-economic outcome; firmly expressed in the mission of the Department. This role has been given further credence in the nine-point economic intervention plan in defining the crucial contribution water and sanitation as a cross cutting priority to support all economic programmes.

As the economy grows, so does the demand for water and sanitation, requiring not only the roll out of new infrastructure but also interventions to curtail the high levels of financial losses. This is evidenced by *inter alia*: high water leakages; poor infrastructure planning; weak investment; weak operations and maintenance; inefficient revenue and debt management; and pollution of the resource leading to high treatment costs. Efficiency and cost management is thus a key imperative of the Department in leading the sector, as in asserting its position as the custodian of water in the sector.

A number of issues further define the socio-economic delivery environment including, among others, inequality in water allocation and access to water services and sanitation; the growing

impatience of communities as reflected by increases in service delivery protests; the affordability of water against the constitutional right to water; unemployment; and the unique circumstances that rural communities face.

It is well documented that women bear the brunt of poor service delivery, particularly in rural areas. Furthermore, unemployment and the concomitant lack of skills development and job opportunities have the highest impact on the youth of the country. The DWS is therefore committed to alleviating the plight of women through its programmes and to ensuring it invests in the youth through skills development, targeted procurement and the provision of job opportunities.

The Department specifically supports and leads the rural development programme through the roll out of rainwater harvesting programmes; providing financial support to resource poor farmers in support of enhanced access to water; and by driving a variety of related job creation initiatives. Skills development across the sector is prioritised in this revised strategic plan, aimed at affording the youth opportunities to enter the sector through available bursary schemes and the graduate programme.

Advancing technology and innovation in support of the water and sanitation sector

The challenges of the water and sanitation sector cannot be addressed by utilising existing technologies alone. As signatories to the UN's sustainability development goals and the commitments of COP21, compounded by the harsh realities of water scarcity and drought, the need to rapidly attain water security and access to water and sanitation services for all in the country is highly reliant on the adoption of new technologies and innovation. The research into, and adoption of, new technologies in the areas of sanitation, water quality monitoring, infrastructure development, maintenance and operations are thus critical to the sector.

The DWS, through its entity the Water Research Commission (WRC), plays a vital role in understanding the needs and priorities of the sector and stimulating and funding research, promoting the transfer of information and technology and enhancing knowledge and capacity building in the water sector. The focus is also on integrated water resources management, water-linked eco-systems, water use and waste management and water use in agriculture.

The key areas of research being undertaken by the WRC in support of the DWS strategic plan include among others, water sensitive design; environmental goods and services; dam safety; climate change adaptation; non-flush sanitation; as well as support on the development of water and sanitation policy, legislation and strategy. A design school of infrastructure has also been established to support the sector with smart technologies and innovation in infrastructure operations, maintenance and development.

The adoption of new technologies does however have implications and requires a comprehensive training and development plan in light of the skills gap that exists to operate these new technologies. A sector skills development plan is under development, and the DWS has designed an internal skills development, retention and succession plan to enhance its human resource development capacity.

1.2 Organisational environment

In April 2016, the Department commenced a project that aims to review the organisational structure through analysing and realigning the department's functions and resources in line with the mandate and the Medium Term Strategic framework (MTSF) priority outcomes of Government in support of the National Development Plan. This project not only focuses on reviewing the organisational structure but is also focuses on reviewing the existing business processes and conducting an organisational functionality assessment (OFA). As at the end of the 2016/17 financial year an organisational diagnostic review, business process analysis (as-is and to-be), the OFA (including

the formulation of a macro design structure) have been concluded. This project should be concluded by July 2017 with an organisational structure that supports the mandate of the department. Once the revised structure has been finalised, the department will be reviewing its current Integrated Human Resource Plan.

During the 2017/18 financial year, the department will continue to work on the formulation of a framework for the establishment of the Catchment Management Agencies as approved by Cabinet.

As from the 2017/18 financial year, and with approval from National Treasury, the department has made amendments to its budget structure, in essence reducing the budget structure from 5 to 4 programmes. These amendments also aim to align the budget structure with the organisational structure.

Arising from significant cost containment measures, the budget cuts on the employee compensation budget for the 2017 MTEF has necessitated a review of the critical posts that will have to be filled in future. In 2016, shortly after the lifting of the moratorium for the filling of posts, the department has made significant progress in filling some of the most critical posts. In the 2017/18 financial year the department will continue to reduce the vacancy rate in respect of engineers and scientists. A target of not more than 10% will be maintained.

Indicated below is a table that illustrates the status of the filled posts vs. vacant posts. As a result of the reduced employee compensation budget, some of the posts on the establishment will have to be abolished, thereby ensuring that only funded vacant posts are filled in future.

FILLED AND VACANT POSTS PER BRANCH				
Branch	Filled	Vacant	Total	% vacancy
Corporate Management	590	220	810	27.16
Finance E/A	206	40	246	16.26
Finance Water Trading	141	0	141	0.00
International Water Cooperation	39	6	45	13.33
Minister/ Deputy Minister/ DG /Internal Audit/ PMU	137	40	177	22.60
Operational Integration	2386	627	3013	20.81
National Water Resources Infrastructure	1868	0	1868	0.00
Planning & Information	384	67	451	14.86
Regulation	176	73	249	29.32
Sanitation Services	21	7	28	25.00
Grand Total	5948	1080	7028	15.37

Although the Department has made significant progress in addressing employment equity, (especially in respect of ensuring 50% female representation at senior management level), plans of ensuring that other key transformation targets are met will be rolled out during the 2017/18 financial year.

Indicated below are graphs that illustrate the current representivity status at senior management level in Department:

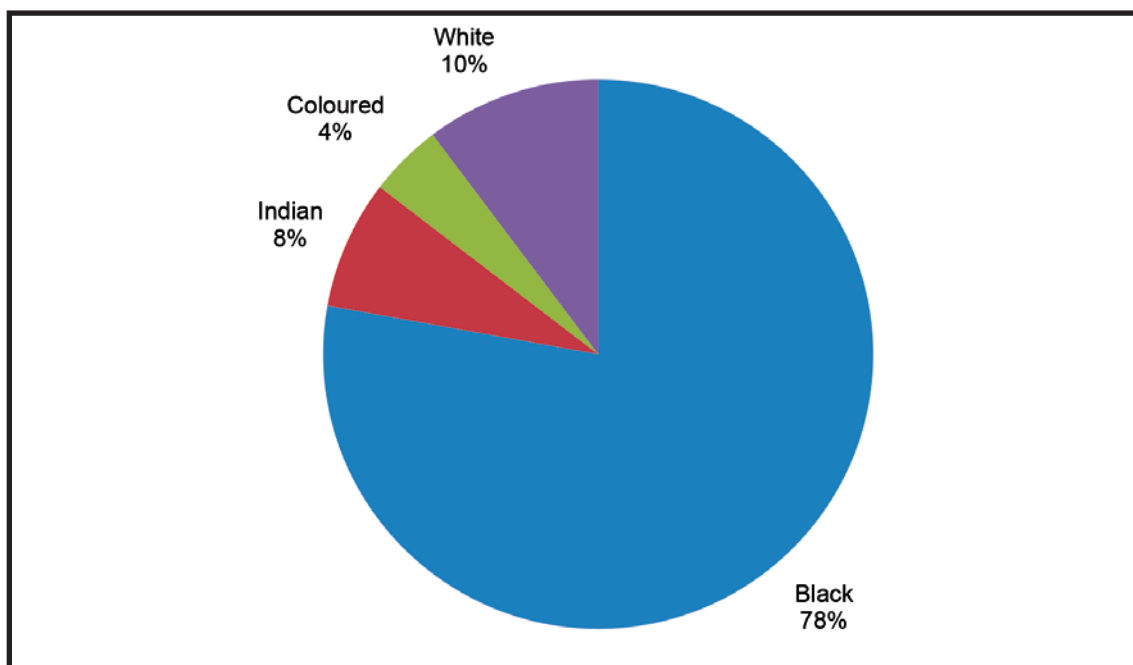


Figure 5: Analysis of Senior Management Service race equity

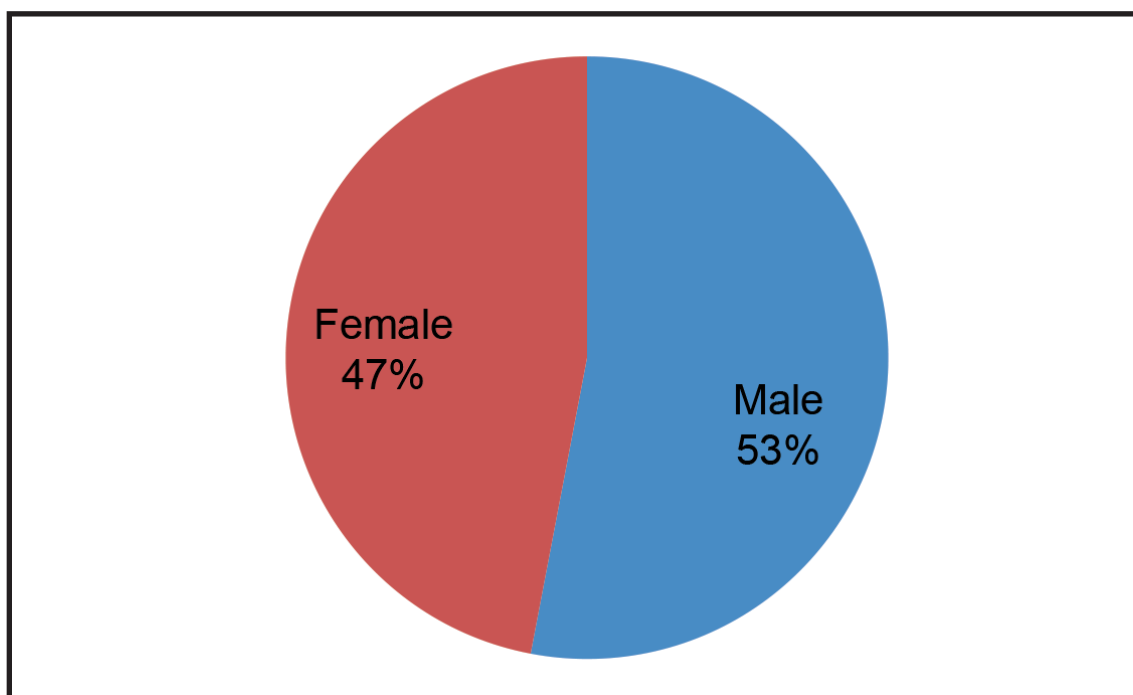


Figure 6: Analysis of Senior Management Service by gender

In the 2016/17 financial year, the department started a project of subjecting SMS members to the generic core management competency framework instrument which aims to address the development areas of senior managers in the Department. In the 2017/18 financial year the department will be rolling out training interventions in line with the training gaps that have been identified in the previous financial year. In addition, an annual Workplace Skills Plan will be developed in line with the individual training and development interventions as identified through employees' personal development plans. An amount equal to 1% of the employee compensation budget has also been provided for the funding of training and development interventions.

Furthermore, in 2017/18, the department will continue with the review of its policies, processes and systems to optimise individual and organisational performance and to improve areas of compliance and performance management.

Main Account Fiscus Funded

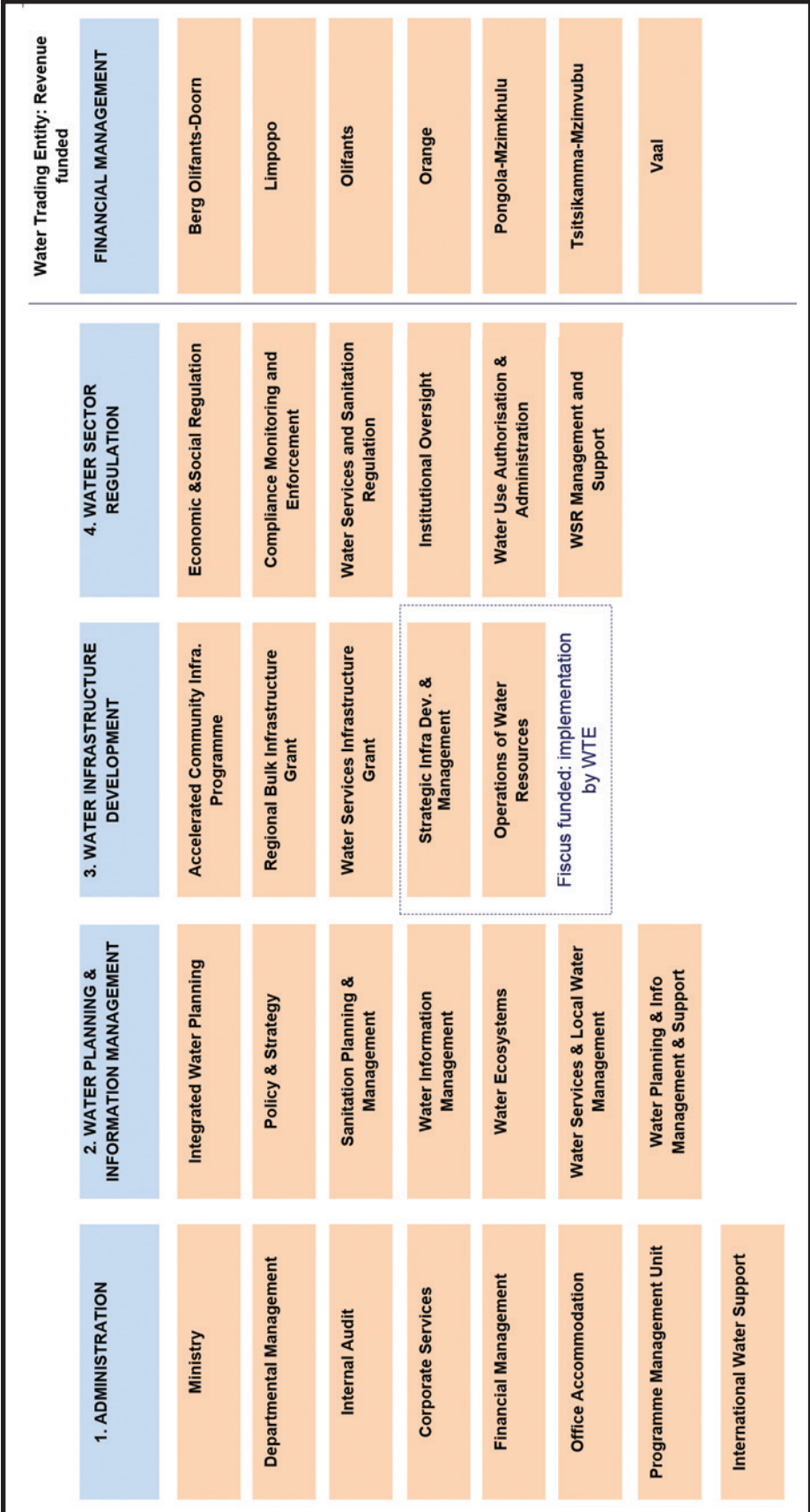


Figure 7: Budget structure of the department

In considering the ongoing relevance of the above structure, a detailed internal-environment analysis was conducted as part of the strategic planning process, detailing the key issues impacting on the work of the Department. The detailed stakeholder analysis and SWOT analysis are attached as annexures, with the below reflecting the salient points for the Department over the medium term period.

Given the constraints on the fiscus, the structure must ensure that focus and priority is given to the core issues defined in the mandate, namely:

- Delivering on time quality Water Resources Infrastructure;
- Best planning for and addressing water demand management;
- Ensuring water quality enhancement and eco-system protection; and
- Driving the delivery of water and sanitation services and addressing water sanitation backlogs.

In this regard, the capacity, capabilities and therefore structure of the DWS must ensure consideration is given to:

- Water user licensing as a priority, which must be a demonstration of progress in dealing with these issues and capacity must be deployed to deliver in this area;
- Massifying the use of conditional grants in local communities through support to the 5 pillars of the “back to basics programme”;
- Reconsideration and ensuring alignment of the mandates and focus areas of the directorates of the Department and the Entities:
 - » Ensuring that the Department focuses on its mandate for policy, regulation and providing leadership to the sector;
 - » Building the capacity of the state through the use of agencies/ entities as implementation agents: Consideration to be given to the establishment of a National Water and Sanitation Infrastructure Agency, as an entity of the DWS;
 - » Consider the merging of certain Water Boards where necessary in view of the capacity constraints and governance costs associated with separate Boards;
 - » Closer participation and engagement with communities so as to keep them informed, each step of the way, as the implementation of projects progresses;
 - » Corporate support functions are indeed acting in that role; and that no corporate support function operates separately from the core delivery mandate (eg: International Relations - responsible for implementation of mandate aligned agreements and therefore ensure all trips are directly relevant to the mandate of the Department; HR – ensure all human resources management and development strategies and programmes are specifically aligned to needs of programmes on the ground; ICT – ensure systems are informed by and integrated and aligned with work of DWS and entities, etc.)
 - » Building capacity and capability to secure the “crowding in” of partners from both the international and regional and national space, to support DWS and the sector in achieving its developmental agenda;
 - » Ensuring capacity and capability for research, innovation and technological transfer across the DWS operations is enhanced and supported.
 - » Strengthening supply chain processes / models and budget prioritisation to ensure supportive supply chain processes, a strategic demand management plan in line with master plans that resolves multi-year project issues, and budgets that are managed in line with approved master plans.
 - » Enhancing governance, control and internal operations so as to get the basics right and achieve a clean audit outcome for the main account and WTE; achieve MPAT objectives across the operations and implement streamlined internal systems and processes supportive of effective and efficient delivery of the core service delivery mandate of the Department and the sector.

1.2 Description of the strategic planning process

The DWS strategic planning session was held on 22-23 August 2016, attended by the Senior Management of the Department. The purpose of the session was to:

- Appreciate the strategic context of the role and work of DWS and the broader sector;
- Assess and respond to shifts in the environment, in particular, to consider and mainstream key policy frameworks pertaining to the priorities and focus for the period;
- Assess and respond to shifts in the sectoral delivery environment, towards the development of a sector-wide, rather than DWS, strategic plan for the planning period;
- Review and refine the strategic framework and architecture of DWS and the sector it leads, in particular, the vision, mission, values and strategic goals of the sector.
- Prepare first drafts of the 2017/18 Annual Performance Plan – as per Treasury requirements and associated timelines, for submission to DPME and National Treasury on 31 August 2016.

A further session was held on 14 and 21 November 2016 with the Senior Management to comment on the draft documents and revise as required. The final revisions to the documents based on further inputs from the National Treasury will result in the approved documents by the Minister and the final tabling in Parliament by March 2017.

The department's Top Management further met with the Executive Authority on 12 and 14 December 2016 to present plans for the 2017/18 medium term with a particular focus on the priority areas since the department had not received an additional allocation to fund all the projects.

The department's executive committee further convened a session on 23 January 2017 to align the performance and financial information for the 2017/18 medium term.

The Executive Authority also met with Members of Executive Committee (MECs) for Cooperative Governance and Traditional Affairs on 24 January 2017 to discuss the department's plans over the 2017/18 medium term.

The draft 2017/18 APP was thus submitted to the office of the Auditor-General on 31 January 2017 for review and auditing.

2 Revisions to legislative and other mandates

2.1 Development of the Water and Sanitation Policy Framework

The development of the National Water and Sanitation Policy Framework aims to consolidate the various water and sanitation policies into a single, cohesive policy framework to guide the water and sanitation sector. This is to include a clarification of the roles and responsibilities of all role-players across the three spheres of government and the water management institutions to facilitate enhanced cooperation and collaboration in the rollout of bulk water resources, water supply and sanitation services.

2.2 Development of the National Water and Sanitation Act

The National Water and Sanitation Act is intended to bring in a consolidation of the National Water Act and Water Services Act into one piece of legislation. A consolidation of these Acts will enable everyone within the water sector to have a clearer understanding of the legislative framework regarding water management across the entire water and sanitation value chain. It is also necessary to obviate the need for the cross reading between the two Acts.

The National Water and Sanitation Act (the Act) will seek to empower the Minister to have full oversight and authority over the entire water and sanitation value chain. It also seeks to transform and rationalise the water management institutions. The Act will incorporate aspects relating to sanitation with the aim of enhancing service delivery by using water as a mega nexus. The Act will introduce an efficient and cost effective dispute resolution mechanism in relation to water use applications or decisions taken by the responsible authority.

A number of activities have been undertaken and completed as per the legislative roadmap approved by the Minister. The first draft (version 1) of the Bill was produced in May 2015. Inputs were sought internally and this was followed by further refinements to the Bill. The refinements to the Bill are completed and it will be presented to Extended Top Management at the earliest available date. The drafting of the Bill is at an advanced stage, and its finalisation depends on the outcome of the presentation of the Bill to Top Management and the finalisation of the National Sanitation Policy.

We envisage submitting the Bill to Cabinet for Cabinet to approve that the Bill be gazetted for public comments in March 2016. At the end of September 2016, following Cabinet approval of the final Bill, it will be introduced in Parliament.

The National Water and Sanitation Act will be passed into an Act of Parliament and signed into law by the President in the year 2017/18.

2.3 Review and Development of the National Water and Sanitation Resources and Services Strategy (NWSRSS)

Subsequent to the reconfiguration of the Department to include the sanitation function, the second edition of the NWRS will be reviewed to incorporate the sanitation function. Allowing for all legislated processes, including involved in the development of such strategy, the aim is to table the NWSRSS to Cabinet for approval in the year 2017/18.

2.4 Review of the Water Research Act

The review of the Water Research Act is at an advanced stage and seeks to enhance the mandate and governance of the Water Research Commission, and to better align the Act with all other applicable legislation informing the service delivery orientation of the water and sanitation sector; legislation that was not in place at the time the WRA was promulgated in 1971.

2.5 Review of the water pricing strategy

The Water Pricing Strategy sets out government's approach to raw water pricing. The strategy review seeks to improve the financial viability of government's bulk raw water business to ensure that this scarce resource is valued by all citizens. The major change of the review is to move from the Return on Asset method of infrastructure costing to a method of pricing based on Future Infrastructure Built over 10 years per province.

2.6 Development of the funding model

The intention of the development of a funding model is to determine the variety of financing mechanisms or models adopted in South Africa and internationally to fund infrastructure. The project will look at the principles of infrastructure funding and financing and help to identify the lessons learnt that could shape future investment decisions in the South African water sector.

Apart from identifying key success factors, the review is also expected to explore innovative and off-budget financing mechanisms, in order to consider their suitability for the South African water sector.

3 Overview of the 2017 budget and medium term estimates

3.1 Expenditure estimates

Programme	Audited outcome			Adjusted appropriation	Medium term expenditure estimates		
Rand thousand	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Administration	1 355 392	1 335 593	1 448 058	1 591 895	1 628 414	1 657 975	1 755 333
Water Planning and Information Management	633 950	812 538	700 965	831 013	816 462	883 994	949 761
Water Infrastructure Development	7 941 412	9 310 937	13 147 003	12 782 445	12 251 746	13 499 286	14 318 348
Water Sector Regulation	575 162	157 614	260 948	319 244	410 827	519 544	491 369
Total	10 505 916	11 616 682	15 556 974	15 524 597	15 107 449	16 560 799	17 514 811

3.2 Expenditure trends

The DWS will over the medium term support the realisation of the National Development Plan (NDP) vision 2030 of managing, monitoring and protecting water resources for growth and sustainability; assuring water supplies by investment and reuse; implementing water conservation and demand management and finalising the institutional arrangements for water resource management.

To implement the NDP commitments, the Medium Term Strategic Framework (MTSF) provides the building blocks towards achieving the country's long term plan and contains priority actions within outcomes 6 (Economic Infrastructure) on the economic infrastructure built programme, outcome 9 (Local Government), on the provision of basic services and outcome 10 (Environment), on water resource protection.

To ensure the realization of outcomes 6 and 9 the DWS will continue to focus on the development of bulk raw water and water services infrastructure. To efficiently coordinate the management of infrastructure in the department, all infrastructure projects have been consolidated under the Water Infrastructure Development programme. The medium term budget for this programme therefore constitutes an average of 81.6% of the department's total budget with the plan to complete 410 small, large and mega projects over medium term such as dams, canals, water and wastewater treatment works, reservoirs and pipelines to households. Over the medium term, plans are underway to also eradicate the 25 382 bucket sanitation systems in formal settlements and 30 978 rural households with sanitation backlogs. To further support the provision of basic services within local government over the medium term, the department's Water Planning and Information programme plans to develop and maintain a national water and sanitation master plan with a ten (10) year horizon by the 2018/19 financial year.

To ensure the realisation of outcome 10 the DWS will over the medium term enhance its regulatory functions within the Water Sector Regulation programme by finalising the revision of the Water and Sanitation Bill. In addition, plans are underway for developing a water and sanitation services regulatory tool that will assess the compliance of water users such as the mining, industry, agriculture sectors as well as water service authorities. Furthermore, plans are underway in finalising the institutional arrangements for water resource management by establishing nine (9) Catchment Management Agencies and nine (9) wall-to-wall regional water and wastewater utilities. The DWS will also strengthen its regulatory function by finalising the pricing regulations for the full cost recovery of water schemes and continue with the process of establishing a water regulator. To support the realisation of these regulatory activities, the budget for this programme is expected to increase at an average annual rate of 10.9%.

Although the department's expenditure on the compensation of employees is expected to increase at an average annual rate of 6.3% over the medium term, it will remain within the reduced expenditure ceiling as plans are underway to reduce the staff complement by 293 non-core posts over the medium term.

Part B:

Programme and sub-programme plans



4 Programme 1: Administration

This programme provides strategic leadership, management and support services to the Ministry and the department; for the development promotion of international relations on water resources between neighbouring countries; and communications, stakeholder management and partnerships development.

4.1 Sub-programmes

To align the broader policy and strategy with the broader planning functions of the department, the Policy and Strategy sub- programme that was in this programme was moved to Water Planning and Information Management (i.e. programme 2). In addition, to align the acid mine drainage (AMD) activities with the economic and social regulation objective, the AMD activity that was part of the Programme management Unit (PMU) sub-programme was moved to Economic and Social Regulation sub-programme under Water Sector Regulation (i.e. programme 4).

4.2 Strategic objective annual targets

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
3.3 Targeted procurement that supports black entrepreneurs in the sector	Spend 80% of the procurement budget on BBBEE compliant suppliers	-	-	-	30% per annum	30% per annum	50% per annum	70% per annum
4.3 An efficient, effective and high performing organisation	An unqualified audit outcome on the financial and non-financial data from 2016/17 onwards	Qualified audit outcome for 2013/14	Main Account: Qualified audit outcome for 2014/15 Water Trading: Unqualified audit outcome for 2013/14	Main Account (Unqualified audit outcome for 2015/16) Water Trading (Qualified audit outcome for 2015/16)	Unqualified audit outcome for 2016/17	Unqualified audit outcome for 2017/18	Unqualified audit outcome for 2018/19	Unqualified audit outcome for 2019/20

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
4.4 Coordinated development of the skills pool across the sector	An evaluation on the effectiveness of the standardised workplace skills plan for the water sector	-	-	-	Water and Sanitation Sector Occupations (skills) framework developed	Water and Sanitation Sector Occupations (skills) registered in Organising Framework for Occupations (OFO)	Standardised water and sanitation sector occupations incorporated in workplace skills plan of LGSETA and EWSETA	An evaluation on the effectiveness of the standardised workplace skills plan for the water sector
5.1 Targeted and sustained African and Global cooperation in support of the national water and sanitation agenda	An evaluation on the effectiveness of the approved international relations programme	-	-	-	Approved 5 year Africa and global international relations programme	Annual analysis on the implementation of the approved Africa and global international relations programme	Annual analysis on the implementation of the approved Africa and global international relations programme	Annual analysis on the implementation of the approved Africa and global international relations programme
5.2 Informed and empowered communities and responsive government securing integrated and sustainable partnerships to support the water and sanitation development agenda	An evaluation of the Partnerships, Communications and Stakeholder Relations Programme	-	-	-	Annual assessment of progress against the Partnerships, Communications and Stakeholder Relations Programme	Annual assessment of progress against the Partnerships, Communications and Stakeholder Relations Programme	Annual assessment of progress against the Partnerships, Communications and Stakeholder Relations Programme	Annual assessment of progress against the Partnerships, Communications and Stakeholder Relations Programme

4.3 Programme performance indicators and annual targets for 2017/18

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 3.3: Targeted procurement that supports black entrepreneurs in the sector							
3.3.1 % of targeted procurement budget spent on qualifying small enterprises (QSE)	-	-	-	15%	15%	15%	15%
3.3.2 % of targeted procurement budget spent on exempted micro enterprises (EME)	-	-	-	15%	15%	15%	15%
Strategic objective 4.3: An efficient, effective and high performing organisation							
4.3.1 Percentage compliance with MPAT standards at the minimum targeted level 3	36% compliance (12 of 33 standards)	56% compliance (18 of 33 standards)	80% compliance (30 of 37 standards)	100% compliance	100% compliance	100% compliance	100% compliance
4.3.2 Percentage expenditure on annual budget	99%	85%	100%	100%	100%	100%	100%
4.3.3 Number of debtor days	303 days	170 days	150 days	120 days	100 days	100 days	100 days
4.3.4 Percentage vacancy rate for engineers and scientists ¹	16.1% (115 vacancies of 713 funded posts)	17.5% (133 vacancies of 758 funded posts)	11% (78 vacancies of 696 funded posts)	≤10%	≤10%	≤10%	≤10%

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
4.3.5 Percentage of SMS employees attending interventions identified through the DPSA competency assessment ⁱⁱ	-	-	-	50%	100%	100%	100%
Strategic objective 4.4: Coordinated development of the skills pool across the sector							
4.4.1 % of the Water and Sanitation Sector Occupations (skills) registered with OFO ⁱⁱⁱ	-	-	-	Water and Sanitation Sector Occupations (skills) framework developed	100% of the Water and Sanitation Sector Occupations (skills) registered with OFO	-	-
Strategic objective 5.1: Targeted and sustained African and Global cooperation in support of the national water and sanitation agenda							
5.1.1 Number of analyses on progress against the approved annual International Relations Implementation Plan	-	-	-	4	4	4	4
Strategic objective 5.2: Informed and empowered communities and responsive government securing integrated and sustainable partnerships to support the water and sanitation development agenda							
5.2.1 Annual assessment of the benefits derived from partnership agreement instruments	-	-	-	Baseline study of benefits derived from partnership agreement instruments	Annual assessment of benefits derived from partnership agreement instruments	Annual assessment of benefits derived from partnership agreement instruments	Annual assessment of benefits derived from partnership agreement instruments

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
5.2.2 Annual assessment on the implementation of the Annual Communications Programme	-	-	-	Annual Communications programme produced and reports on its implementation	Annual assessment on the implementation of the Annual Communications programme	Annual assessment on the implementation of the Annual Communications programme	Annual assessment on the implementation of the Annual Communications programme
5.2.3 Assessment of impact of mediated interactions that will deliver meaningful engagements with communities	-	-	-	Baseline study of impact of mediated interactions that will deliver meaningful engagements with communities	Annual assessment of impact of mediated interactions that will deliver meaningful engagements with communities	Annual assessment of impact of mediated interactions that will deliver meaningful engagements with communities	Annual assessment of impact of mediated interactions that will deliver meaningful engagements with communities

4.4 Quarterly targets for 2017/18 per sub-programme

Departmental Management sub-programme

Programme performance indicator		Reporting period	Annual target 2017/18	Quarterly targets			
				Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.3.1	Percentage compliance with MPAT standards at the minimum targeted level 3	Annual	100% compliance	-	-	-	100%

Corporate Services sub-programme

Programme performance indicator		Reporting period	Annual target 2017/18	Quarterly targets			
				Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.3.4	Percentage vacancy rate for engineers and scientists ⁽ⁱ⁾	Quarterly (Non-cumulative)	≤10%	≤10%	≤10%	≤10%	≤10%
4.3.5	Percentage of SMS employees attending interventions identified through the DPSA competency assessment ⁽ⁱⁱ⁾	Quarterly (Cumulative)	100%	10%	30%	80%	100%
4.4.1	Percentage of the Water and Sanitation Sector Occupations (skills) registered with OFO ⁽ⁱⁱⁱ⁾	Quarterly (Cumulative)	100% of the Water and Sanitation Sector Occupations (skills) registered with OFO	10%	50%	70%	100%

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
5.2.1 Annual assessment of the benefits derived from partnership agreement instruments	Annual	Annual assessment of benefits derived from partnership agreement instruments	-	-	-	Annual assessment of benefits derived from partnership agreement instruments
5.2.2 Annual assessment on the implementation of the Annual Communications Programme	Quarterly (Non-cumulative)	Annual assessment on the implementation of the Annual Communications programme	Quarterly report on the implementation of the Annual Communications programme	Quarterly report on the implementation of the Annual Communications programme	Quarterly report on the implementation of the Annual Communications programme	Annual assessment on the implementation of the Annual Communications programme
5.2.3 Assessment of impact of mediated interactions that will deliver meaningful engagements with communities	Annual	Annual assessment of impact of mediated interactions that will deliver meaningful engagements with communities	-	-	-	Annual assessment of impact of mediated interactions that will deliver meaningful engagements with communities

Financial Management sub-programme

Programme performance indicator		Reporting period	Annual target 2017/18	Quarterly targets			
				Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
Main Account milestones							
3.3.1.1	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)	Quarterly (Non-cumulative)	15%	15%	15%	15%	15%
3.3.2.1	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)	Quarterly (Non-cumulative)	15%	15%	15%	15%	15%
4.3.2	Percentage expenditure on annual budget	Quarterly (Cumulative)	100%	23%	40%	73%	100%
Water Trading milestones							
3.3.1.2	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)	Quarterly (Non-cumulative)	15%	15%	15%	15%	15%
3.3.2.2	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)	Quarterly (Non-cumulative)	15%	15%	15%	15%	15%
4.3.3	Number of debtor days	Quarterly (Non -cumulative)	100 days	100 days	100 days	100 days	100 days

International Water Support sub-programme

Programme performance indicator		Reporting period	Annual target 2017/18	Quarterly targets			
				Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
5.1.1	Number of analyses on progress against the approved annual International Relations Implementation Plan	Quarterly (Non-cumulative)	4	1	1	1	1

4.5 Reconciling performance targets with the budget over the medium term

Sub-programme	Rand thousand	Audited outcome		Adjusted appropriation 2016/17	Medium term expenditure estimates	
		2013/14	2014/15		2017/18	2018/19
Ministry	45 310	43 287	52 300	45 936	48 026	56 902
Departmental Management	185 696	135 419	112 493	91 583	96 097	105 624
Internal Audit	18 236	21 111	38 280	29 772	38 689	40 371
Corporate Services	534 139	598 669	738 639	626 770	746 020	757 199
Financial Management	240 446	208 462	232 002	196 276	236 902	232 6582
Office Accommodation	239 946	253 698	346 920	374 112	376 346	374 898
Programme Management Unit	45 804	42 235	33 081	46 452	46 321	48 496
International Water Support	26 953	32 712	38 180	37 157	40 013	41 827
Total	1 355 392	1 335 593	1 591 895	1 448 058	1 628 414	1 657 975
						1 755 333

5 Programme 2: Water Planning and Information Management

The programme is responsible to ensure that the country's water resources are protected, used, developed, conserved managed and controlled in a sustainable manner for the benefit of all people and the environment by developing a knowledge base and implementing effective policies, procedures and integrated planning strategies for water resources and water and sanitation services.

5.1 Sub-programmes

To align the broader policy and strategy with the broader planning functions of the department, the Policy and Strategy sub- programme that was in the Administration (i.e. programme 1) was moved to this programme.

5.2 Strategic objective annual targets

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
1.2 Enhanced management of water and sanitation information	An Integrated National Water Resources Monitoring network that enhances the reliability of water information in 9 water management areas	-	-	-	Integrated National Water Resources Monitoring strategy finalised	Draft resourced integrated national water monitoring plan	Final resourced integrated national water monitoring plan covering 9 WMAs	20% implementation of Integrated National Water Resources Monitoring in 9 WMAs ⁴
1.3 The integrity of freshwater ecosystems protected	16 river systems with water resource classes and resource quality objectives	-	0	0	7	4	2	3
1.4 Enhanced water use efficiency and management of water quantity	8 large water supply systems annually monitored for water losses	-	-	-	8	8	8	8

Strategic objective	5 year strategic plan target	Audited / Actual performance				Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16			2017/18	2018/19	2019/20
2.1 A coordinated approach to water and sanitation infrastructure planning and monitoring and evaluation	National Water and Sanitation Master Plan (NWSMP) with a 10 year horizon	-	-	-	-	-	Draft National Water and Sanitation Master Plan	National Water and Sanitation Master Plan (NWSMP) finalised and implementation plan development	Monitoring and evaluation of the National Water and Sanitation Master Plan implementation plan
2.2 Targeted and aligned planning for adequate water availability and the enhanced provision of water supply and sanitation services	Completed plans for 86 bulk water supply and sanitation services infrastructure projects	22	-	28	21	21	31	17	17
4.1 An enabling environment for the management of water resources and the provision of basic water and sanitation services across the sector	National Water and Sanitation Bill developed	-	-	-	Draft Bill for public consultation	Draft Bill for public consultation	Parliamentary process	Draft regulations developed	-

5.3 Programme performance indicators and annual targets for 2017/18

Programme performance indicator		Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 1.2: Enhanced management of water and sanitation information								
1.2.1	Adopted Water Monitoring Network Implementation plan implemented ^{iv}	-	-	-	-	Draft resourced Water Monitoring Network Implementation Plan	Final resourced Water Monitoring Network Implementation Plan	20% implemented of Integrated National Water Resources Monitoring in 9 WMAs ⁴
1.2.2	Integrated Water Quality Management Strategy ^v	-	Concept paper on integrated water quality management strategy	Stakeholder engagement report completed	Integrated Water Quality Management Strategy completed	Integrated Water Quality Management implementation plan developed	Integrated Water Quality Management implementation plan monitored	Integrated Water Quality Management implementation plan monitored
Strategic objective 1.3: The integrity of freshwater ecosystems protected								
1.3.1	Number of river systems with water resources classes and determined resource quality objectives	70% completion of the RQO determination of the Olifants-Doorn and 60% for Lower Vaal	0 • Four draft resource quality objective reports developed	0	7 • Letaba and • Inkomati	4 • Mvoti, • Mzimkulu, • Crocodile (West) Marico, • Mokolo & Matlabas	2 • Berg • Breede	3 • Umzimvubu • Usuthu to Mhlathuze • uThukela
1.3.2	Number of rivers in which the River Eco-status Monitoring Programme is implemented	118	119	98	66	71	71	71

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
1.3.3 Number of hydro-climatic zones in which assessments for climate change vulnerability are completed	-	-	-	2 • Zone 3, the Vaal and • Zone 5 Umzimvubu-Tsitsikama	2 • Zone 4, the Orange WMA • Zone 1 Northern Interior WMA	2 • Zone 2, KZN East Coast • Zone 6, South Western Cape	0 • (Climate Change Strategy for Water and Sanitation review)
Strategic objective 1.4: Enhanced water use efficiency and management of water quality							
1.4.1 Number of large water supply systems assessed for water losses	-	-	-	8 • Vaal River, • Umgeni River, • Crocodile West River, • Olifants River, • Algoa, • Amatole, • Bloemfontein and Western Cape Supply Systems	8 • Vaal River, • Umgeni River, • Crocodile West River, • Olifants River, • Algoa, • Amatole, • Bloemfontein and Western Cape Supply Systems	8 • Vaal River, • Umgeni River, • Crocodile West River, • Olifants River, • Algoa, • Amatole, • Bloemfontein and Western Cape Supply Systems	
Strategic objective 2.1: A coordinated approach to water and sanitation infrastructure planning and monitoring and evaluation							
2.1.1 National Water and Sanitation master plan (NWSMP) adopted ^{vi}	-	-	-	-	Draft National Water and Sanitation Master Plan (NWSMP)	National Water and Sanitation Master Plan (NWSMP) finalised and implementation plan development	Monitoring and evaluation of the National Water and Sanitation Master Plan implementation plan

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
2.1.2 Number of district municipalities (DMs) with completed 5 year water and sanitation services master plans	-	-	4 priority DMs	6 priority DMs • O R Tambo • Xhariep • Uthungulu • Vhembe • Ehlanzeni • John Taole Gaetsewe • 50 WSAs audited • 17 WSAs	17 DMs	0 • (Review the 27 priority DM master plans)	0 • (Review the 27 priority DM master plans)
2.1.3 Number of Water Services Authorities (WSAs) audited on Water and Sanitation delivery performance	-	-	WSA audit performance tool developed	50 WSAs audited	47 ² WSAs audited	47 WSAs audited	0 • (94 WSAs reviewed on audit reports)
2.1.4 Number of WSAs assessed for socio-economic impact	-	-	-	17 ³ WSAs	127 WSAs	44 WSAs	100 WSAs

² The 2017/18 target for "Number of Water Services Authorities (WSAs) audited on Water and Sanitation delivery performance" has been reduced as a result of the new municipality demarcation.

³ The estimated 2016/17 target has been reduced from 20 to 17 as Naledi does no longer exist, it has been merged with City of Mangaung; Umjindini has been merged with Mbombela to form City of Mbombela and Randfontein and Westonaria have merged to form Rand West City

Programme performance indicator		Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 2.2: Targeted and aligned planning for adequate water availability and the enhanced provision of water supply and sanitation services								
2.2.1	Number of completed Record of Implementation Decisions (RID) for bulk raw water planning projects	-	3	2	1	3 ⁴	2	2
			Groot Letaba Water Project (GLEWAP): Raising of Tzaneen Dam;	- Mzimvubu Water Project; - Ncwabeni Off-Channel Storage Dam	Lusikisiki Regional Water Supply Scheme	- uMkhomazi Water Project Phase 1 - Foxwood Dam Project;	Western Cape Water Supply System Augmentation Project;	- Crocodile East Water Project; - Malmani Dolomites Ground water feasibility plan
			GLEWAP; Nwamitwa Dam and Bulk Distribution System (BDS); Olifants River Water Resources Development Project (BDS phase 2D, 2E and 2F)			Mokolo Crocodile (West) Water Augmentation Project Phase 2A	Lower Orange River Project (Vioolsdrift / Noordoeer Dam)	-
2.2.2	Number of completed feasibility studies for water and wastewater services projects (RBI(G))	14	17	28	28	22	14	15

⁴ The planned Greater Mangaung Water Augmentation project: Gariep pipeline has been transferred to Bloem Water

Programme performance indicator	Audited / Actual performance				Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16	2016/17		2017/18	2018/19	2019/20
2.2.3 Number of completed implementation readiness studies for water and wastewater services projects (RBIG)	22	18	20	19	25	14	15	
Strategic objective 4.1: An enabling environment for the management of water resources and the provision of basic water and sanitation services across the sector								
4.1.1 Approved National Water and Sanitation Resources and Services Strategy (NWSRSS) and implementation plan	-	-	-	-	-	Draft National Water Resources and Services Strategy Framework completed	Draft National Water Resources and Services Strategy gazetted for consultation	National Water Resources and Services Strategy completed and implementation plan developed
4.1.2 Revised water and sanitation norms and standards for all water and sanitation supply and services	-	-	-	-	-	Approved norms and standards	Monitoring the implementation of the norms and standards	Monitoring the implementation of the norms and standards

5.4 Quarterly targets for 2017/18 per sub-programme

Integrated Planning sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.2.2 Integrated Water Quality Management Strategy ^(v)	Quarterly (Non-cumulative)	Integrated Water Quality Management plan developed	Draft Monitoring and Evaluation Framework	Final Monitoring and Evaluation Framework	Draft Implementation Plan	Integrated Water Quality Management implementation plan developed
1.3.3 Number of hydro-climatic zones in which assessments for climate change vulnerability are completed	Quarterly (Non-cumulative)	2 - Zone 4, the Orange WMA - Zone 1 Northern Interior WMA	Synthesis reports on Zone 4 (Orange System) and Zone 1 (Northern Interior)	Concept notes and Vulnerability Assessment methodology developed for Zone 4 (Orange System) and Zone 1 (Northern Interior)	Draft risk and vulnerability Assessment Reports for Zone 4 (Orange System) and Zone 1 (Northern Interior)	Final Report on the assessment of water resources risk and vulnerability to climate change on Zone 4 (Orange System) and Zone 1 (Northern Interior)
2.1.1 National Water and Sanitation master plan (NWSMP) adopted ^(vi)	Quarterly (Non-cumulative)	Draft National Water and Sanitation Master Plan	Discussion document for consultation in 4 water management areas (i.e. Mzimvubu-Tsitsikamma, Limpopo, Olifants, and Vaal)	Discussion document for consultation in 5 water management areas (i.e. Orange, Breede-Gouritz, Berg-Olifants, Pongola-Mntamvuna and Inkomati)	Draft national water and sanitation sector agreement	Draft National Water and Sanitation Master Plan
2.2.1 Number of completed Record of Implementation Decisions (RID) for bulk raw water planning projects	Quarterly (Non-cumulative)	3 Foxwood Dam Project	-	-	Project approval in terms of Sec 109 and 110 of NWA	RID for Foxwood Dam issued

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
		Mokolo Crocodile (West) Water Augmentation Project Phase 2A	Final Scoping Report completed	Comments and response report completed	Final Environmental Impact Report (EIR) completed	RID for Mokolo Crocodile (West) Water Augmentation Project Phase 2A finalised
		uMkhomazi Water Project Phase 1	-	-	Project approval in terms of Sec 109 and 110 of NWA	RID for uMkhomazi Water Project Phase 1 issued

Water Ecosystems sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.3.1 Number of river systems with water resources classes and determined resource quality objectives	Quarterly (Non-cumulative)	4 • Mvoti, • Mzimkulu,	Gazette translated into isiZulu	Approval to gazette Water Resources Classes and RQOs Draft legal notice gazetted for public comments	Final Water Resource classes and RQOs gazetted	-
		• Crocodile (West) Marico, • Mokolo & Matlabas	Approval to gazette draft legal notice for public comments	Public comments addressed and comments register compiled.	Public comments addressed and comments register compiled. Approval to gazette final legal notice	Gazette the final legal notice

Water Information Management sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.2.1 Adopted Water Monitoring Network Implementation plan implemented ^(iv)	Quarterly (Non-cumulative)	Draft resourced Water Monitoring Network Implementation Plan	Discussion document for consultation in the 9 WMAs	Stakeholder consultation in 5 WMAs	Stakeholder consultation in 4 WMAs	Draft resourced Water Monitoring Network Implementation Plan
Water Trading milestone						
1.3.2 Number of rivers in which the River Eco-status Monitoring Programme is implemented	Quarterly (Non-cumulative)	71	62	63	63	64

Water Services and Local Water Management sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.4.1 Number of large water supply systems assessed for water losses	Quarterly (Non-cumulative)	8 • Vaal River, • Umgeni River, • Crocodile West River, • Olifants River, • Algoa, • Amatole, • Bloemfontein and • Western Cape Supply Systems	Stakeholder consultation on water balances/data requirements within the eight large water supply systems	Water Balance Data and information collection within the 8 large water supply systems	Draft report on water losses within the 8 large water supply systems	Final report on water losses within the 8 large water supply systems.
2.1.2 Number of district municipalities (DMs) with completed 5 year water and sanitation services master plans	Quarterly (Non-cumulative)	17 DMs	Institutional framework and processes within the 17 DMs and associated sector partners developed	Situational assessments for 17 DMs developed	Strategic assessment and existing project alignment with the needs perspectives of the 17 DMs	17 DM Implementation master plans developed
2.1.3 Number of Water Services Authorities (WSAs) audited on Water and Sanitation delivery performance	Quarterly (Non-cumulative)	47 WSAs audited	Institutional framework and processes within the 47 WSAs developed	Situational assessment of macro delivery performance confirmed	Assessment of compliance with National Treasury and associated financial assessments	47 WSAs audit reports developed

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.2.2 Number of completed feasibility studies for water and wastewater services projects (RBIG)	Quarterly (Non-cumulative)	22	Project list based on the priorities from municipal budget cycle confirmed	Process to initiate feasibility studies finalized (i.e. provincial interaction sessions)	Implementation of 22 priority DMs monitored	22 completed feasibility studies for water and wastewater services projects (RBIG)
2.2.3 Number of completed implementation readiness studies for water and wastewater services projects (RBIG)	Quarterly (Non-cumulative)	25	Project list based on the priorities from municipal budget cycle confirmed	Process to initiate implementation readiness studies finalized (i.e. provincial interaction sessions)	Implementation of 25 priority DMs monitored	25 completed implementation readiness studies for water and wastewater services projects (RBIG)

Sanitation Planning and Management

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.1.4 Number of WSAs assessed for socio-economic impact	Quarterly (non-cumulative)	127 WSAs	38 WSAs assessed	39 WSAs assessed	31 WSAs assessed	19 WSAs Assessed

Policy and Strategy

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.1.1 Approved National Water and Sanitation Resources and Services Strategy (NWSRSS) and implementation plan	Quarterly (Non-cumulative)	Draft National Water Resources and Services Strategy Framework completed	Draft 1 NWSRSS-1 framework produced	Draft 1 NWSRSS framework stakeholder consultation	Stakeholder inputs consolidated into the revised NWSRSS framework	Draft National Water Resources and Services Strategy Framework completed
4.1.2 Revised water and sanitation norms and standards for all water and sanitation supply and services	Quarterly (Non-cumulative)	Approved norms and standards	Public consultation initiated	Public consultations finalised and comments consolidated	Revised draft Norms and Standards internal approval	Norms and Standards submitted for approval

5.5 Reconciling performance targets with the budget over the medium term

Sub-programme	Audited outcome		Adjusted appropriation 2016/17	Medium term expenditure estimates		
	2013/14	2014/15		2017/18	2018/19	2019/20
Water Planning, Information Management and Support						
Integrated Planning	182 209	217 710	3 851	6 319	4 662	5 365
Water Ecosystems	46 943	47 972	50 161	93 035	114 220	141 189
Water Information Management	373 035	527 121	456 007	50 427	61 225	69 766
Water Services and Local Water Management	0	0	0	532 028	503 908	575 716
Sanitation Planning and Management	5 404	1 836	0	112 553	97 274	109 963
Policy and Strategy	21 692	12 293	31 914	11 599	16 324	21 029
Total	633 950	812 538	700 965	831 013	816 462	949 761

6 Programme 3: Water Infrastructure Development

The programme is responsible to develop, rehabilitate and refurbish raw water resources and water and sanitation services infrastructure to meet the socio-economic and environmental needs of South Africa.

6.1 Sub-programmes

To comply with the transparency and accountability for allocations stipulated in the Guidelines on Budget Programmes, the previous Water Services Infrastructure sub-programme was separated into three (3) sub-programmes namely the Regional Bulk Infrastructure Grant, Water Services Infrastructure Grant and Accelerated Community Infrastructure Programme. In addition, the Strategic Asset management sub-programme within the Water Trading Entity was merged with the Infrastructure Development and Rehabilitation sub-programme to create the new Strategic Infrastructure Development and Management sub-programme.

6.2 Strategic objective annual targets

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
2.3 Adequate water availability and enhanced provision of sustainable and reliable water supply and sanitation services	457 153 households served with bulk water supply and sanitation services infrastructure	-	-	87 456	89 592	91 292	93 579	95 234
2.4 Safe, reliable and sustainable water supply and water and sanitation services infrastructure	National Asset Management Plan (NAMP) implemented with unscheduled maintenance kept at 10% and below	-	-	Draft National Asset Management Master Plan (NWR1)	Approved National Asset Management Master Plan (NWR1)	National Asset Management Plan (NAMP) implemented with unscheduled maintenance kept at 10% and below	National Asset Management Plan (NAMP) implemented with unscheduled maintenance kept at 10% and below	National Asset Management Plan (NAMP) implemented with unscheduled maintenance kept at 10% and below

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
3.4 Job opportunities created that expand economic opportunities for historically excluded and vulnerable groups	Number of full time equivalent jobs created through implementing infrastructure projects	32 056	-	-	2 038	2 800	3 500	3 500
2.5 Enhanced provision of sustainable and dignified basic sanitation	Eradicate the sanitation backlog in 30 978 rural households	16 251	29 928	40 325	13 591	10 032	10 141	10 805
3.2 Targeted rural development initiatives that support smallholder farmers	Implement rural development initiatives that will provide access to 900 million m³ of water to smallholder farmers	-	-	-	-	Implement rural development initiatives that will provide access to 300 million m³ of water to smallholder farmers	Implement rural development initiatives that will provide access to 300 million m³ of water to smallholder farmers	Implement rural development initiatives that will provide access to 300 million m³ of water to smallholder farmers

6.3 Programme performance indicators and annual targets for 2017/18

Programme performance indicator		Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 2.3: Adequate water availability and enhanced provision of sustainable and reliable water supply and sanitation services								
2.3.1	Number of bulk raw water projects ready for implementation	-	-	-	1 ORWRDP 2D	5 • Tzaneen • Clanwilliam • Nwamitwa • Umzimvubu • ORWRDP 2E, 2F	3 • Nwabeni OCS Dam • Lusikisiki Regional Water Supply Scheme • Foxwood Dam Project	3 • Mokolo Crocodile (West) Water Augmentation Project Phase 2A • uMkhomazi Water Project Phase 1 • Western Cape Water Supply System Augmentation Project
2.3.2	Number of bulk raw water projects under construction	-	-	-	2 • Hazelmere • ORWRDP 2C	4 • Tzaneen • Clanwilliam • Hazelmere • ORWRDP 2D	5 • Tzaneen • Nwamitwa • Clanwilliam • Umzimvubu • ORWRDP 2D, 2E, 2F	5 • Nwamitwa • Clanwilliam • Umzimvubu • ORWRDP 2D, 2E, 2F • Nwabeni OCS Dam
2.3.3	Number of bulk raw water projects completed	1	1	1	1 ORWRDP 2C	1 Hazelmere	0 Tzaneen	1 Tzaneen
2.3.4	Number of mega regional bulk infrastructure project phases under construction ^{vii}	-	-	-	10	15	9	7

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
2.3.5 Number of mega regional bulk infrastructure project phases completed ^{viii}	-	-	-		3 • OR Tambo King Sabata Dalindyebo (KSD) water supply Phase 2 of 2 • Jozini (Pongolapoort) BWS • Sebokeng WWTW Phase 1 of 2	3	1
2.3.6 Number of large regional bulk infrastructure project phases under construction ^{ix}	-	-	-	39	53	33	26
2.3.7 Number of large regional bulk infrastructure project phases completed ^x	-	-	-	4	26	13	8
2.3.8 Number of small regional bulk infrastructure project phases under construction ^{xi}	-	-	-	32	41	24	14
2.3.9 Number of small regional bulk infrastructure project phases completed ^{xii}	-	-	-	12	20	19	7
2.3.10 Number of small ACIP projects under construction ^{xi}	-	-	-	20	55	48	40
2.3.11 Number of small ACIP projects completed ^{xii}	-	-	-	20	55	48	40
2.3.12 Number of small WSIG projects under construction ^{xi}	-	-	-	316	182	215	230

Programme performance indicator	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
2.3.13 Number of small WSIG projects completed ^{xii}	-	-	-	60	41	62	67
Strategic objective 2.5: Enhanced provision of sustainable and dignified basic sanitation							
2.5.1 Number of existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services per year ^{xiii}	4 393	20 581	1 838	4 455 ⁵	25 382	-	-
2.5.2 Number of rural households served to eradicate sanitation backlogs as per norms and standards	11 858	9 347	3 708	9 456	10 032	10 141	10 805
Strategic objective 3.2: Targeted rural development initiatives that support smallholder farmers							
3.2.1 Number of Resource Poor Farmers financially supported to enhance access to water	1589	1462	699	1239	706	750	725
3.2.2 Number of tanks installed to harvest water for food production and other household productive use	4068	2409	1552	1500	1500	1200	1200
3.2.3 Number of job opportunities created through the Resource Poor Farmer and Water Harvesting programmes	270	326	284	262	247	220	215

⁵ The 2016/17 estimation is based on the preliminary third quarter figures that factors in the previous 2015/16 backlog

Programme performance indicator		Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 2.4: Safe, reliable and sustainable water supply and water and sanitation services infrastructure								
2.4.1	Number of dam safety rehabilitation projects completed	0	3	5	1 • Hammarsdale Dam	1 • Roodekoppies Dam	3 • Casteel dam • Nkadameng dam • Ncora dam	4 • Rietspruit Dam • Weltevrede Dam • Tsojana Dam • Mhlanga Dam
2.4.2	Percentage of projects completed as per AMP aligned maintenance Plan (Planned Maintenance) ¹⁴	-	-	-	90%	90%	90%	90%
2.4.3	Percentage unscheduled maintenance projects completed as a proportion of planned maintenance projects	-	-	-	≤10%	≤10%	≤10%	≤10%
2.4.4	Number of kilometres of conveyance systems rehabilitated per annum	-	-	-	36km	15km	45km	50km
Strategic objective 3.4: Job opportunities created that expand economic opportunities for historically excluded and vulnerable group								
3.4.1	Number of job opportunities created through implementing infrastructure projects	32 056	7 592	6 922	4 512	2 800	3 500	3 500

5 The 2016/17 estimation is based on the preliminary third quarter figures that factors in the previous 2015/16 backlog

6.4 Quarterly targets for 2017/18 per sub-programme

Strategic Infrastructure Development and Management sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.3.1	Number of bulk raw water projects ready for implementation	5				
	Quarterly (Non-cumulative)					
		Tzaneen	Tender documentation for spillway raising completed	Tender for spillway raising advertised	Tender for spillway raising awarded	-
		Clanwilliam	Tender evaluation completed	Tender awarded	-	-
		Nwamitwa	Detailed dam engineering design continues	Detailed dam engineering design completed	Land acquisition commenced	Tender documentation for dam completed
		Mzimvubu	Tender documentation for Ntabelanga completed	-	-	• Tender documentation for Ntabelanga BDS completed • Tender documentation for Lalini Dam and HEP completed
			Detail design for Ntabelanga WTW completed	Detail design for Ntabelanga WTW completed	• Detail design for Ntabelanga BDS completed • Detail design for Lalini Dam and HEP completed	-
		ORWRDP 2E, 2F	Tender design continues	Tender design continues	Tender design completed	Tender documentation completed

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.3.2	Number of bulk raw water projects under construction	4				
	Quarterly (Non-cumulative)					
		Tzaneen	Stockpiling of material completed	Demolishing works on spill way completed	-	Construction commenced
		Clanwilliam	-	-	Construction commenced	Site establishment completed
		Hazelmere	PKW keys construction continues	PKW keys completed	Construction completed	-
			Operational anchors installation continues	Operational anchors completed		
			Grout curtain installation continues	Grout curtain installation completed		
		ORWRDP 2D	Construction commenced	Site establishment completed	Resettlement housing construction commenced	2km of pipeline constructed
2.3.3	Number of bulk raw water projects completed	1	-	-	-	1
	Annual	(Hazelmere)				(Hazelmere)
3.4.1	Number of job opportunities created through implementing augmentation infrastructure projects	2 800	300	600	850	1 050
	Quarterly (non-cumulative)					

Operations of Water Resources sub-programme

Programme performance indicator		Reporting period	Annual target 2017/18	Quarterly targets			
				Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.4.1	Number of dam safety rehabilitation projects completed	Quarterly (Cumulative)	1 Roodekoppies Dam	40% completion	60% completion	80% completion	100% completion
2.4.2	Percentage of projects completed as per AMP aligned maintenance Plan (Planned Maintenance)	Quarterly (Non-cumulative)	90%	5%	25%	20%	40%
2.4.3	Percentage unscheduled maintenance projects completed as a proportion of planned maintenance projects	Quarterly (Non-cumulative)	≤10%	≤10%	≤10%	≤10%	≤10%
2.4.4	Number of kilometres of conveyance systems rehabilitated per annum	Quarterly (Non-cumulative)	15km	3km	5km	5km	2km
3.4.1	Number of job opportunities created through implementing operations of water resources infrastructure projects	Quarterly (Non-cumulative)	270 jobs opportunities	67 jobs opportunities	67 jobs opportunities	68 jobs opportunities	68 jobs opportunities

Regional Bulk Infrastructure Grant sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.3.4	Number of mega regional bulk infrastructure project phases under construction	15	15	15	15	15
2.3.5	Number of mega regional bulk infrastructure project phases completed	3	-	-	-	3
		Jozini (Pongolapoort) BWS				Jozini (Pongolapoort) BWS
		OR Tambo KSD BWS Phase 2 of 2				OR Tambo KSD BWS Phase 2 of 2
		Sebokeng WWTW Phase 1 of 2				Sebokeng WWTW Phase 1 of 2
2.3.6	Number of large regional bulk infrastructure project phases under construction	53	53	53	53	53
2.3.7	Number of large regional bulk infrastructure project phases completed	26	-	-	-	26
2.3.8	Number of small regional bulk infrastructure project phases under construction	41	41	41	39	38
2.3.9	Number of small regional bulk infrastructure project phases completed	20	-	2	1	17

Water Services Infrastructure Grant sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.5.1 Number of existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services per year	Quarterly (Non-cumulative)	25 382	6 853	7 868	5 330	5 331
2.5.2 Number of rural households served to eradicate sanitation backlogs as per norms and standards	Quarterly (Non-cumulative)	10 032	-	-	3 009	7 023
2.3.12 Number of small WSIG projects under construction ^(xi)	Quarterly (Non-cumulative)	182	182	182	182	182
2.3.13 Number of small WSIG projects completed ^(xii)	Quarterly (Non-cumulative)	41	-	-	-	41

Accelerated Community Infrastructure sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.3.10 Number of small ACIP projects under construction	Quarterly (Non-cumulative)	55	-	55	55	55
2.3.11 Number of small ACIP projects completed	Quarterly (Non-cumulative)	55	-	-	-	55
3.2.1 Number of Resource Poor Farmers financially supported to enhance access to water	Quarterly (Non-cumulative)	706	23	357	187	139
3.2.2 Number of tanks installed to harvest water for food production and other household productive use	Quarterly (Non-cumulative)	1500	40	425	646	389
3.2.3 Number of job opportunities created through the Resource Poor Farmer and Water Harvesting programmes	Quarterly (Non-cumulative)	247	15	84	89	59

6.5 Reconciling performance targets with the budget over the medium term

Sub-programme	Audited outcome			Adjusted appropriation 2016/17	Medium term expenditure estimates		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Rand thousand							
Strategic Infrastructure Development and Management	2 391 702	2 755 177	1 758 960	1 731 912	1 606 704	2 291 533	2 419 859
Operation of Water Resources	167 145	164 245	164 371	165 000	173 000	183 034	193 284
Regional Bulk Infrastructure Grant	3 314 847	3 941 238	5 408 016	4 146 730	5 822 845	6 142 306	6 482 024
Water Services Infrastructure Grant	1 589 090	2 085 294	5 401 604	4 146 730	4 169 523	4 423 958	4 678 248
Accelerated Community Infrastructure Programme	478 628	364 983	414 052	476 425	479 674	458 455	544 933
Total	7 941 412	9 310 937	13 147 003	12 782 445	12 251 759	13 499 286	14 318 348

7 Programme 4: Water Sector Regulation

The programme is responsible for ensuring the development, implementation, monitoring and review of regulations across the water and sanitation value chain in accordance with the provisions of the National Water Act (1998), the Water Services Act (1997) and related water and sanitation policies.

7.1 Sub-programmes

To align the acid mine drainage (AMD) activities with the economic and social regulation objective, the AMD activity that was part of the Programme management Unit (PMU) sub-programme was moved to Economic and Social Regulation sub-programme under this programme. In addition, the Compliance Monitoring and Enforcement sub-programmes were merged to create the Compliance Monitoring and Enforcement sub-programme.

7.2 Strategic objective annual targets

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
1.1 Water resources protected through water supply and sanitation services regulation, compliance monitoring and enforcement	Sector performance against regulatory requirements	-	-	-	Draft water and sanitation services regulatory compliance and assessment tool developed	Water and sanitation services regulatory compliance and assessment tool finalised and piloted	Baseline for water users' compliance against the regulatory compliance and assessment tool established	Level of performance of water users using regulatory compliance and assessment tool determined and monitored
	Achieve 65% compliance level for mines measured against individual water use entitlements	-	-	-	50%	55%	60%	65%

Strategic objective	5 year strategic plan target	Audited / Actual performance			Estimated performance 2016/17	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
1.5 Freshwater eco-systems protected from mine water impacts	National Mine Water Management Strategy implemented in 9 catchments	-	-	-	Mine water management strategy developed for two catchments	Mine water management strategy developed for two catchments	Mine water management strategy developed for two catchments	Mine water management strategy developed for three catchments
3.1 Equitable water allocation and availability for socio-economic development	Water allocation reform implemented within 9 water management areas	-	-	-	Validation of existing lawful use in 2 water management areas	Validation and Verification of existing lawful use in 3 water management areas (WMA)	Validation and Verification of existing lawful use in 6 water management areas (WMA)	Compulsory licensing implemented in identified catchments within the 9 WMAs
4.2 Sound governance and oversight of the DWS public entities	Performance evaluation of the DWS entities against their performance agreement	-	-	-	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual appraisals of shareholder compacts and business plans for 13 entities

7.3 Programme performance indicators and annual targets for 2017/18

Programme performance indicator		Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 1.1: Water resources protected through water supply and sanitation services regulation, compliance monitoring and enforcement								
1.1.1	Number of wastewater systems assessed for compliance with the Green Drop Regulatory standards	963	967	0	0	963	963	963
1.1.2	Number of non-compliant wastewater systems monitored against the Green Drop Regulatory tool	-	-	-	260	260	260	260
1.1.3	Number of water supply systems assessed for compliance with Blue Drop Regulatory standards	931	913	0	500	1036	1036	1036
1.1.4	Number of non-compliant water supply systems monitored against the Blue Drop Regulatory tool	-	-	-	250	250	250	250

Programme performance indicator	Audited / Actual performance			Estimated performance	Medium term targets		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
1.1.5 Number of dams evaluated for compliance with dam safety regulations by Approved Professional Persons (APPs)	188	167	150	160	160	160	160
1.1.6 Number of water users monitored for compliance	-	203	221	370	384	421	421
1.1.7 Number of water management institutions monitored for compliance with own water use entitlements and effective monitoring of affiliated water users ^{xv}	-	-	-	30	31	30	30
1.1.8 Percentage of reported non-compliant cases investigated	-	-	99% (266 of 269 cases)	100%	80% ⁶	80%	100%

⁶ As a result of the merging of Compliance Monitoring and Enforcement chief directorates, the target for 2017/18 has been reduced affecting the compensation of employees budget for national and provincial offices

Programme performance indicator		Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Strategic objective 1.5: Freshwater eco-systems protected from mine water impacts								
1.5.1	Number of WMAs assessed for Acid Mine Drainage (AMD) ^{xvi}	-	1 catchment • (Upper Vaal) assessment for AMD completed	1 catchment • Middle to Lower Vaal assessment for AMD completed and Olifants-Steelpoort assessment in progress	3 WMAs • Olifants-Steelpoort; • Inkomati-Usuthu; and • Tugela to Usutu-Mhlathuze assessments for AMD completed	1 WMA • (Crocodile (West), Limpopo)	2 WMAs • Crocodile (West), Limpopo • Orange	2 WMAs • Crocodile (West), Limpopo • Orange
1.5.2	Number of WMAs in which mitigation strategies for potential AMD are developed ^{xvii}	-	-	-	2 • Vaal • Olifants-Steelpoort	1 • Inkomati-Usutu WMA	1 • Pongola-Mzimkulu WMA	1 • Crocodile West -Limpopo WMA
1.5.3	Completion of the Witwatersrand AMD long term project	-	-	-	EIA process instituted: scoping report published for public comments	EIA completed	Construction of desalination facility	Commissioning of desalination facility

Programme performance indicator		Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2016/17	2017/18	2018/19
1.5.4	Mine water management technologies assessed ^{xvi}	-	-	-	-	Assessment of 5 AMD treatment technologies	Continuous assessment of the 5 initial AMD treatment technologies	Continuous assessment of the 5 initial AMD treatment technologies
Strategic objective 3.1: Equitable water allocation and availability for socio-economic development								
3.1.1	Percentage of applications for water use authorisation finalised within 300 days	-	48%	80%	80%	80%	80%	80%
3.1.2	Water allocation reform implemented	-	-	-	-	-	Draft regulations and programme developed	Approved regulations and programme published
Strategic objective 4.2: Sound governance and oversight of the DWS public entities								
4.2.1	Number of public entities annually assessed ^{xviii}	-	-	-	13	13	13	10
					• 9 water boards • 2 CMAS • TCTA • WRC	• 9 water boards • 2 CMAS • TCTA • WRC	• 9 water boards • 2 CMAS • TCTA • WRC	• 6 water boards • 2 CMAS • TCTA • WRC

Programme performance indicator		Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2016/17	2017/18	2018/19
4.2.2	National Water Infrastructure Agency established ^{dxx}	-	-	Approved agency business case	Concept note for the establishment of the National Water Infrastructure Agency finalised	Due diligence for the establishment of the National Water Infrastructure Agency finalised	Draft business case for the establishment of the National Water Infrastructure Agency finalised	Business case for the establishment of the National Water Infrastructure Agency finalised
4.2.3	Number of Catchment Management Agencies gazetted for establishment	1 • Inkomati-Usuthu	3 • Breede-Gouritz • Limpopo/NW • Phongola-Mzimkhulu	2 • Vaal • Olifants	0	3 • Berg Olifants • Mzimvubu-Tsitsikamma • Orange	-	-
4.2.4	Number of regional water and wastewater utilities gazetted for establishment	-	-	1 proto-regional water utility (Rand Water)	0	0 • (Due diligence for the KwaZulu-Natal proto-regional water utility developed)	0 • (Business case for the KwaZulu-Natal proto-regional water utility developed)	1 regional water utility • (KwaZulu-Natal)
4.2.5	Water economic regulator established ^{dxx}	-	Draft implementation strategy on economic regulation chapters and gap analysis have been developed but not finalised	Economic regulation strategy finalized	Draft business case for the establishment of the independent economic regulator	Approved business case for the establishment of the independent economic regulator	Draft legislation for the establishment of the independent economic regulator	Legislation for the establishment of the independent economic regulator finalised

Programme performance indicator		Audited / Actual performance			Estimated performance	Medium term targets		
		2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
4.2.6	Water tariffs in the value chain approved	-	-	-	Raw water charges and bulk tariffs for 2017/18 approved	2018/19 Raw water charges and bulk tariffs approved	2019/20 Raw water charges and bulk tariffs approved	2020/21 Raw water charges and bulk tariffs approved
								Comments on Water Service Authority tariffs submitted to WSA councils
4.2.7	Water pricing regulations implemented	Draft pricing strategy developed	- Stakeholder comments incorporated - Gazette submission submitted	Pricing strategy gazetted for public consultation	Final pricing strategy approved and gazetted	Pricing Strategy & Norms and Standards monitored	Pricing Strategy and Norms & Standards consolidated into pricing regulations	Pricing regulations approved

7.4 Quarterly targets for 2017/18 per sub-programme

Economic and Social Regulation sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.5.1 Number of WMAs assessed for Acid Mine Drainage (AMD)	Quarterly (Cumulative)	1 WMA (Crocodile (West), Limpopo)	50 % platinum mines assessed in Crocodile (West), Limpopo	100% platinum mines assessed in Crocodile (West), Limpopo	-	-
			-	-	25% coal mines assessed in Crocodile (West), Limpopo	50% coal mines assessed in Crocodile (West), Limpopo
1.5.2 Number of WMAs in which mitigation strategies for potential AMD are developed	Quarterly (Non-cumulative)	1 Inkomati-Usutu WMA	Draft 1 strategy for Inkomati-Usutu	Draft 2 strategy for Inkomati-Usutu	Strategy for Inkomati-Usutu reviewed by panel of experts	Final Inkomati-Usutu WMA mitigation strategy
1.5.3 Completion of the Witwatersrand AMD long term project	Quarterly (Non-cumulative)	EIA completed	EIA specialist studies initiated	EIA public participation concluded	EIA report submitted to Dept. of Env. Affairs	EIA completed (i.e. Record of Decision issued)
1.5.4 Mine water management technologies assessed	Quarterly (Non-cumulative)	Assessment of 5 AMD treatment technologies	Contractual agreements finalised	Site establishment finalised	Pilot plants commissioned	First assessment report of the 5 AMD treatment technologies
4.2.5 Water economic regulator established	Quarterly (Non-cumulative)	Approved business case for the establishment of the independent economic regulator	Consultations on the draft business case for the independent economic regulator	Consultations on the draft business case for the independent economic regulator	Revise business case for the establishment of the independent economic regulator	Approved business case for the establishment of the independent economic regulator

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.2.6 Water tariffs in the value chain approved	Quarterly (Non-cumulative)	2018/19 Raw water charges and bulk tariffs approved	-	Raw water charges for 2018/19 approved	-	Bulk water tariffs for 2018/19 approved and tabled in Parliament
4.2.7 Water pricing regulations implemented	Quarterly (Non-cumulative)	Pricing Strategy & Norms and Standards monitored	Awareness campaign on approved pricing strategy & Norms and Standards	Implementation of the revised pricing strategy monitored during the 2018/19 raw water charge determination	Implementation of the revised pricing strategy evaluated	Implementation of the Norms and Standards Monitored in the 2018/19 bulk water tariffs

Water use Authorisation and Administration sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.1.1 Percentage of applications for water use authorisation finalised within 300 days	Quarterly (Non-cumulative)	80%	80%	80%	80%	80%

Water Supply Services and Sanitation Regulation sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.1.1 Number of wastewater systems assessed for compliance with the Green Drop Regulatory standards	Annual	963	-	-	-	963
1.1.2 Number of non-compliant wastewater systems monitored against the Green Drop Regulatory tool	Quarterly (Non-cumulative)	260	50	100	50	60
1.1.3 Number of water supply systems assessed for compliance with Blue Drop Regulatory standards	Annual	1036	-	-	-	1036
1.1.4 Number of non-compliant water supply systems monitored against the Blue Drop Regulatory tool	Quarterly (Non-cumulative)	250	50	100	50	50

Compliance Monitoring and Enforcement sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.1.5 Number of dams evaluated for compliance with dam safety regulations by Approved Professional Persons (APPs)	Quarterly (Non-cumulative)	160	40	36	36	48
1.1.6 Number of water users monitored for compliance	Quarterly (Non-cumulative)	384	86	99	99	100
1.1.7 Number of water management institutions monitored for compliance with own water use entitlements and effective monitoring of affiliated water users	Quarterly (Non-cumulative)	31	7	3	3	18
1.1.8 Percentage of reported non-compliant cases investigated	Quarterly (Non-cumulative)	80%	80%	80%	80%	80%

Institutional Oversight sub-programme

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.2.1	Number of public entities annually assessed	Quarterly (Non-cumulative)	13	-	Annual Reports (ARs) analysed and tabled in Parliament	-
					Business plans (BPs) and Shareholder Compacts (SHC) analysed	-
					Shareholder Compacts / or business plan submitted for approval	Final SHC of 2 CMAs received
					Annual Reports (ARs) analysed and tabled in Parliament	-
4.2.2	National Water Infrastructure Agency established	Quarterly (Non-cumulative)	TCTA	Shareholder Compacts / or business plan submitted for approval	Annual Report analysed and tabled in Parliament	-
					Corporate Plan submitted for approval	-
					Annual Report analysed and tabled in Parliament	-
					Service provider to conduct the due diligence contracted	Due diligence for the establishment of the National Water Infrastructure Agency finalised

Programme performance indicator	Reporting period	Annual target 2017/18	Quarterly targets			
			Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.2.3 Number of Catchment Management Agencies gazetted for establishment	Quarterly (Non-cumulative)	3 Berg Olifants Mzimvubu-Tsitsikama Orange	- - -	- - -	Approval of gazette for establishment Approval of gazette for establishment Approval of gazette for establishment	Berg-Olifants CMA gazette for establishment Mzimvubu-Tsitsikama CMA gazetted for establishment Orange CMA gazetted for establishment
4.2.4 Number of regional water and wastewater utilities gazetted for establishment	Quarterly (Non-cumulative)	0 Due diligence for the KwaZulu-Natal proto-regional water utility developed	Tender documentation for the due diligence finalised	Service provider to conduct the due diligence contracted	Draft due diligence for the establishment for the KwaZulu-Natal proto-regional water utility	Due diligence for the KwaZulu-Natal proto-regional water utility developed

7.5 Reconciling performance targets with the budget over the medium term

Sub-programme	Audited outcome			Adjusted appropriation 2016/17	Medium term expenditure estimates		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Rand thousand							
Water Sector Regulation Management and Support	852	3 423	34 119	37 309	38 315	40 889	41 021
Economic and Social Regulation	378 048	4 472	12 310	33 394	29 607	32 715	35 518
Water Use Authorisation and Administration	54 624	62 610	44 403	58 459	69 171	84 542	78 479
Water Supply Services and Sanitation Regulation	23 083	16 036	15 728	21 346	24 982	35 796	28 750
Compliance Monitoring Enforcement	13 464	35 798	83 462	86 853	126 261	138 486	127 428
Institutional Oversight	105 091	35 275	70 926	81 883	122 491	187 116	180 173
Total	575 162	157 614	260 948	319 244	410 827	519 544	491 369

Part C:

Links to other plans



8 Links to the long term infrastructure and capital plans

Tabulated below is the department's long term infrastructure and capital plans for the medium term

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
Mega projects (total project cost of at least R1 billion over the project life cycle)						
1 Pongolapoort (Jozini) bulk water scheme (Pipeline)	uMkhanyakude, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme (added Shemula)	SIP 6	Construction	1 376 048
2 Sedibeng bulk regional sewerage	Sedibeng, Gauteng	Wastewater Services	Construction of new wastewater treatment works	SIP 18	Feasibility	3 000 000
3 De Hoop: Greater Sekhukhune district municipality regional bulk water and wastewater infrastructure	Greater Sekhukhune, Limpopo	Bulk Water Supply	Construction of new bulk water infrastructure linking communities with the De Hoop Dam	SIP 1	Design	4 088 000
4 Mogalakwena bulk water supply phase 1	Waterberg, Limpopo	Bulk Water Supply	Upgrade of boreholes and construction of new bulk water scheme	SIP 1	Construction	1 650 000
5 Sebokeng Waste Treatment Works phase 1 and phase 2	Sedibeng, Gauteng	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	1 123 584
6 Westonaria/ Randfontein regional bulk wastewater treatment works (Zuurbekom)	West Rand, Gauteng	Wastewater Services	Construction of new wastewater treatment works	SIP 18	Design	1 570 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
7	Mooihoek/ Tubatse bulk water supply	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 1	Construction	1 000 000
8	Nebo bulk water supply	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	1 400 000
9	Magalies water supply to Waterberg	Bulk Water Supply	Construction of new bulk water scheme	SIP 1	Feasibility	1 891 000
10	Giyani Water Services phase 1 (Emergency)	Bulk Water Supply	Construction of new bulk water scheme and upgrading of existing bulk water scheme	SIP 6	Construction	2 511 429
11	Mzimvubu water project	Dam and water supply	Development of a conjunctive scheme comprising of 2 multi-purpose dams and associated bulk water distribution infrastructure for domestic and irrigation water supply as well as hydro-generation	SIP 11	Construction	20 000 000
Mega projects (total project cost of at least R1 billion over the project life cycle): infrastructure transfers						
12	Olifants River water resources development project: De Hoop Dam (phase 2A)	Dam	Supply of water to new mining developments; augmentation of domestic water supplies to urban and rural users in the middle of the Olifants River catchment area and to various communities on the Nebo Plateau and Sekhukhune	SIP 1	Construction	3 074 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
13 Olifants River water resources development project (phases 2B and 2G)	Greater Sekhukhune, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of Flag Boshielo to Mokopane pipeline and second pipeline between Flag Boshielo to Mokopane	SIP 1	Design/Feasibility	13 114 000
14 Olifants River water resources development project (phase 2C)	Greater Sekhukhune, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of bulk distribution works from Flag Boshielo to Mokopane, De Hoop to Steelpoort, Steelpoort to Mooihoek, Mooihoek to Olifantspoort and Nebo Plateau to Roosenekal	SIP 1	Construction	3 400 000
15 Olifants River water resources development project (phase 2D)	Greater Sekhukhune, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of second pipeline between Steelpoort weir to and Mooihoek	SIP 1	Feasibility	834 480
16 Olifants River water resources development project (phases 2E and 2F)	Greater Sekhukhune, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of second pipeline parallel to Lebalelo scheme and Lebalelo Scheme to Olifantspoort	Not related to SIPs	Design	2 412 240
17 Groot Letaba River water development project: Nwamitwa Dam	Mopani, Limpopo	Dam, Water Treatment Plant, Pipelines, Reservoirs	Meeting of projected growing primary supply requirements for 2025, improvement of water availability for the riverine ecosystem and building of Nwamitwa Dam	SIP 1	Design	1 325 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
18 Dam safety rehabilitation programme	National	Dam	Rehabilitation of assets and improvement of dam safety	Not related to SIPs	Design	2 800 000
19 Water resources project: Raising of Clanwilliam Dam	West Coast, Western Cape	Dam	Upgrading of existing dam to stabilise distortion and augmentation of agricultural water supply to meet increasing demands	SIP 5	Construction	2 500 000
20 Mokolo River and West Crocodile River water augmentation project (phases 2A)	Waterberg, Limpopo	Pumping stations, pipelines, balancing dams, operational and national Key Point infrastructure and appurtenant structures	Augmentation of domestic and industrial water supply to the new Eskom/independent power producer power stations to extend associated mining activities and accommodate growing population in the area	SIP 1	Design	11 267 000
21 Lusikisiki regional water supply scheme: Zalu Dam on the Xura River	OR Tambo, Eastern Cape	Bulk Water and Wastewater Infrastructure	Development of bulk water and wastewater infrastructure to enable the connection of municipal reticulation infrastructure	SIP 3	Feasibility	5 000 000
22 Acid mine drainage	National	Long term infrastructure	Construction of water treatment works	0	Feasibility	-

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
23 OR Tambo Mthatha King Sabata Dalindyebo District Municipality bulk water supply and sanitation (phase 2 of 2)	OR Tambo, Eastern Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 6	Construction	3 001 534
24 Vaal Gamagara scheme phase 1	John Taolo Gaetsewe, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 11	Construction	18 000 000
25 Polokwane wastewater treatment works	Capricorn, Limpopo	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Design	1 043 836
26 Polokwane bulk water supply	Capricorn, Limpopo	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Construction	1 832 000
27 Umgenti Water Board: Lower Thukela bulk water supply scheme	uThukela, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	1 043 968
28 Umslwathi bulk water supply scheme phase 3 ¹	uMgungundlovu, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	2 308 734
29 Greater Mthonjaneni bulk water supply (phases 2)	uThungulu, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	1 228 190
30 Ngcebo BWS (iLembe)	iLembe, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	1 420 678
Large projects (total project cost of at least R250 million but less than R1 billion over the project life cycle)						
31 Matoks bulk water supply	Capricorn, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	880 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
32 Ndlambe bulk water supply	Sarah Baartman, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 18	Construction	879 000
33 Xhora east bulk water supply	Amathole, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	620 227
34 Meyerton wastewater treatment works phase 1	Sedibeng, Gauteng	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	257 462
35 Mbizana regional bulk water supply	OR Tambo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Completed	910 843
36 Westonaria/ Randfontein regional bulk wastewater treatment works (Hannes van Niekerk)	West Rand, Gauteng	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Handed over	266 000
37 Western highveld regional (Rust de Winter) bulk water supply	Nkangala, Mpumalanga	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	IRS	486 000
38 Lebalele central and North regional water supply	Greater Sekhukhune, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	600 000
39 Nzhelele Valley bulk water supply	Vhembe, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	600 000
40 Madibeng bulk water supply phase 2	Bojanala Platinum, North West	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 4	Construction	446 585

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
41 Upgrading of the Hornevale wastewater treatment plant (Sol Plaatje wastewater treatment works)	Frances Baard, Northern Cape	Bulk Water Supply	Upgrade of existing wastewater treatment works	SIP 18	Construction	298 000
42 Nketoana bulk water supply Phase 1	Thabo Mofutsanyana, Free State	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 18	Construction	304 000
43 Sterkfontein Dam scheme (phase 1)	Thabo Mofutsanyana, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	330 000
44 Potchefstroom water treatment works upgrade	Dr Kenneth Kaunda, North West	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 4	Feasibility	400 000
45 Sinthumule Kutama bulk water augmentation phase 3	Vhembe, Limpopo	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	751 603
46 Moutse bulk water supply phase 1-5	Greater Sekhukhune, Limpopo	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 6	Construction	720 000
47 Glen Alpine bulk water supply	Capricorn, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 1	Feasibility	345 000
48 Lephalale/ Eskom: Bulk water augmentation	Waterberg, Limpopo	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 6	Feasibility	330 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
49 Moretele bulk water supply phase 1 (Klipdrift) and phase 2 (Babelegi)	Bojanala Platinum, North West	Bulk Water Supply	Construction of new bulk water scheme	SIP 4	Construction	640 617
50 Bitou cross border bulk water supply	Eden, Western Cape	Bulk Water Supply	Construction of new bulk pipelines	SIP 18	Feasibility	250 000
51 West Coast desalination plant	West Coast, Western Cape	Bulk Water Supply	Construction of new desalination plant	SIP 18	Design	563 212
52 Mncwasa bulk water supply	Amathole, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Completed	264 188
53 Kalahari East to Mier pipeline phase 2	Siyanda, Northern Cape	Bulk Water Supply	Supply of water	SIP 18	Construction	468 100
54 Emalahleni bulk water supply phase 3	Nkangala, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	335 605
55 Ohrigstad bulk water supply	Greater Sekhukhune, Limpopo	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Feasibility	450 000
56 Northern Nsikazi bulk water supply phase 1	Ehlanzeni, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	367 286
57 Aganang bulk water supply	Capricorn, Limpopo	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Design	350 000
58 Sundwana water supply	Amathole, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	591 000
59 Mpumalanga Lowveld feasibility studies	Ehlanzeni, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	800 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
60 Ngwathe bulk sewer phase 1 (Vredefort)	Fezile Dabi, Free State	Wastewater Services	Upgrade of existing waste water treatment works	SIP 18	Construction	300 000
61 Dihlabeng bulk water supply (phase 2)	Thabo Mofutsanyana, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	255 000
62 Dukuduku resettlement bulk water supply	uMkhanyakude, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	350 000
63 Giyani bulk water supply relief phase 1 (Nandoni Nsami)	Mopani, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	589 946
64 Mametya Sekororo bulk water supply phase 1	Mopani, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	310 718
65 Tokologo regional water supply (phase 2)	Lejweleputswa, Free State	Bulk Water Supply	Upgrade of bulk water scheme	SIP 18	Construction	320 000
66 Ngwathe boreholes	Fezile Dabi, Free State	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 6	Handed over	250 000
67 Msukaligwa regional water supply scheme (phase 1)	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Design	407 000
68 Emalahleni water treatment works, (upgrade/ refurbishment)	Nkangala, Mpumalanga	Wastewater Services	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Construction	335 605

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
69 Mafikeng South bulk water supply phase 2 (upgrade of water treatment works)	Ngaka Modiri Molema, North West	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	286 648
70 Mathlabeng bulk sewer (Welkom)	Lejweleputswa, Free State	Wastewater Services	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Feasibility	420 000
71 Thembisile water scheme (Loskop)	Nkangala, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	324 428
72 Western Highveld bulk water supply scheme (Rust de Winter)	Nkangala, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6 and SIP 18	Feasibility	743 000
73 Welbedacht pipeline	Mangaung Metro, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Tender	500 000
74 Ngqamakhwe Bulk Water Supply	Amathole, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	IRS	370 000
75 Groot Letaba River water development project: Raising of Tzaneen Dam	Mopani, Limpopo	Dam, Water Treatment Plant, Pipelines, Reservoirs	Meeting of projected growing primary supply requirements for 2025; improvement of water availability for the riverine ecosystem and raising of Tzaneen Dam	SIP 1	Construction	125 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
76 Mdloti River development project: Raising of Hazelmere Dam	iLembe, KwaZulu-Natal	Dam (radial crest gates)	Augmentation of water supply to Umgeni Water for treatment, for KwaZulu-Natal North coast	SIP 2	Construction	360 000
77 Mopani district municipality emergency works	Mopani, Limpopo	Dam	Refurbishment of dilapidated infrastructure	Not related to SIPs	Construction	80 000
78 Mzimkulu River: Nowabeni off-channel storage	uGu, KwaZulu-Natal	Dam, Water Treatment Plant, Pipelines, Reservoirs	Assurance of a reliable water supply to the Northern part of the lower KwaZulu-Natal South coast during dry periods	SIP 2	Design	650 000
79 Taung/ Naledi bulk water supply phase 2D	Dr Ruth Mompoti, North West	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 4	Construction	733 754
80 Namakwa bulk water supply phase 2	Namakwa, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	648 312
81 Pilanesberg South bulk water supply phase 2	Bojanala Platinum, North West	Bulk Water Supply	Upgrade of existing bulk water scheme and construction of new bulk water scheme.	SIP 4	Construction	796 631
82 Amatola Water: Refurbishment of 6 existing plants and downstream infrastructure ²	Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 6	Construction	500 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
83 Greater Mamusa bulk water supply phase 1 (Refurbishment)	Dr Ruth Mompoti, North West	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 4	Construction	444 288
84 Chris Hani district municipality Ncora bulk water supply (cluster 4)	Chris Hani, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Construction	421 727
85 Chris Hani district municipality Ngcobo bulk water supply (cluster 6)	Chris Hani, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and spring protection	SIP 6	Construction	321 727
86 Xonxa Dam BWS	Chris Hani, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	443 998
87 Mhlabatshane bulk water supply	uGu, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	483 482
88 Greytown BWS Phase 2	Umzinyathi, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Construction	950 000
89 Middledrift BWS	uThungulu, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	340 000
90 Greater Bulwer Donnybrook water scheme phase 2	Harry Gwala, KwaZulu-Natal	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 6	Construction	343 337
91 Nongoma bulk water supply	Zululand, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	529 134

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
92 Dukuduku resettlement bulk water supply	uMkhanyakude, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	266 382
93 Greater Mpofana regional bulk water supply Phase 1-3	uMgungundlovu, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	469 293
94 Driefontein Phase 3 (Spioenkop to Ladysmith) bulk water supply	uThukela, KwaZulu-Natal	Bulk Water Supply	Construction of bulk water scheme	SIP 18	Feasibility	350 000
95 Maphumulo BWS	iLembe, KwaZulu-Natal	Bulk Water Supply	Construction of bulk water scheme	SIP 18	Feasibility	294 621
96 Chris Hani district municipality bulk water supply: Quthubeni (cluster 9) phase 1	Chris Hani, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	208 000
97 Middelburg groundwater supply	Chris Hani, Eastern Cape	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 6	Construction	32 505
98 Masilonyana bulk water supply phase 1	Lejweleputswa, Free State	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Design	304 941
99 Driefontein Indaka bulk water supply	uThukela, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	378 529
100 Mandlakazi bulk water supply phase 5	Zululand, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	94 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
101 Balf/ Siyat/ Grey/ Willem/ Nthor bulk water supply	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Various	590 709
102 Msukaligwa regional water supply scheme (phase 1)	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Design	407 000
103 Empuluzi and Methula bulk water scheme	Gert Sibande, Mpumalanga	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	IRS	291 021
104 Kagisano Molopo bulk water supply	Dr Ruth Mompati, North West	Bulk Water Supply	Upgrade of existing water treatment works and new bulk water scheme	SIP 4	Feasibility	350 000
105 Stellenbosch wastewater treatment works phase 2	Cape Winelands, Western Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	304 256
Small water augmentation projects (total project cost of less than R250 million over the project life cycle)						
106 Graaff-Reinet emergency water supply scheme	Sarah Baartman, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	50 798
107 Sundays River bulk water supply (Paterson)	Sarah Baartman, Eastern Cape	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Construction	106 465
108 Steytleville water supply scheme	Sarah Baartman, Eastern Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Construction	111 308
109 Ibika water supply	Amathole, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Completed	64 796

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
110 Ikwezi bulk water supply	Sarah Baartman, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Feasibility	50 557
111 Kirkwood water treatment works	Sarah Baartman, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Feasibility	22 186
112 Misgund bulk water supply	Sarah Baartman, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 18	Feasibility	13 640
113 Matatiele bulk water supply	Alfred Nzo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	182 344
114 Mount Ayliff bulk water supply	Alfred Nzo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Completed	208 752
115 Jagersfontein/ Fauresmith: Bulk water supply (phases 2)	Xhariep, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	60 695
116 Tokologo regional water supply (phase 1)	Lejweleputswa, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Handed over	223 000
117 Dihlabeng bulk water supply (phase 1)	Thabo Mofutsanyane, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Handed over	96 990
118 Phumelela bulk water supply phase 2	Thabo Mofutsanyane, Free State	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 18	Construction	166 000
119 Mochaka bulk water supply (Streyrnus Kroonstad WTW) phase 1 of 2	Fezile Dabi, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	90 402

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
120 Mqhaka bulk sewer	Fezile Dabi, Free State	Wastewater Services	Construction of bulk sewer	SIP 18	Construction	105 000
121 Nala bulk sewer (Wesselsbron/Monyakeng)	Lejweleputswa, Free State	Wastewater Services	Construction of bulk sewer	SIP 18	Feasibility	45 999
122 Tswelopele bulk water supply	Lejweleputswa, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	85 000
123 Ratlou bulk water supply phase 1 (Setlagole)	Ngaka Modiri Molema, North West	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 4	Construction	218 090
124 Maluti-a-Phofung bulk water supply phase 2 and 3 of 4	Thabo Mofutsanyane, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 3	Construction	240 000
125 Greater Eston water scheme	uMgungundlovu, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Handed over	192 000
126 Driefontein Complex bulk water supply	uThukela, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Handed over	196 101
127 Emadlangeni bulk regional scheme	Amajuba, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Handed over	50 301
128 Hlabisa regional bulk water supply	uMkhanyakude, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Handed over	166 855
129 Port Nolloth bulk water supply	Namakwa, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Design	44 057

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
130 Colesberg bulk water supply	Pixley ka Seme, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Design	123 765
131 Noupoot bulk water supply	Pixley ka Seme, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	77 742
132 De Aar bulk water supply (borehole development)	Pixley ka Seme, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme (borehole development)	SIP 6	IRS	43 735
133 Hopetown water treatment works bulk water supply (Thembelihle)	Pixley ka Seme, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 6	Handed over	75 000
134 Strydenburg groundwater project	Pixley ka Seme, Northern Cape	Bulk Water Supply	Provision of groundwater development	SIP 6	Handed over	21 018
135 Heuningvlei scheme bulk water supply	Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Handed over	142 340
136 Kuruman bulk water supply phase 1 (reservoir)	John Taolo Gaetsewe, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	186 900
137 Kathu wastewater treatment works	John Taolo Gaetsewe, Northern Cape	Wastewater Services	Construction of new wastewater treatment works	SIP 18	Handed over	230 000
138 Windsorton to Holpan bulk water supply phase 1 (pipeline)	Frances Baard, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	IRS	43 850
139 Nooitgeagat bulk water supply	Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Design	200 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
140 Niekerkshoop bulk water supply	Pixley ka Seme, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	Not related to SIPs	Handed over	11 098
141 Matube bulk sewer phase 1	Fezile Dabi, Free State	Wastewater Services	Construction of new bulk water scheme	SIP 18	Construction	126 000
142 Pixley ka Seme bulk water supply	Pixley ka Seme, Northern Cape	Bulk Water Supply	Upgrade of existing groundwater water scheme	SIP 18	Feasibility	40 000
143 Marydale bulk water supply	Pixley ka Seme, Northern Cape	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Feasibility	11 200
144 Upington wastewater treatment works	Siyanda, Northern Cape	Wastewater Services	Construction of a new wastewater treatment works in Upington	SIP 18	Feasibility	15 650
145 Kakamas wastewater treatment works	Siyanda, Northern Cape	Wastewater Services	Construction of new wastewater treatment works	SIP 18	Feasibility	50 000
146 Warrenton water treatment works (Ponds) phase 1	Frances Baard, Northern Cape	Bulk Water Supply	Upgrade of existing water treatment works and new bulk water scheme	SIP 18	Feasibility	30 629
147 Gariep Dam to Norvalspont bulk water supply	Pixley ka Seme, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	15 087
148 Vanderkloof/Renossterberg bulk water supply phase 1	Pixley ka Seme, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	32 050

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
149 Driekoppies bulk water supply upgrades	Ehlanzeni, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Design	93 000
150 Acornhoek bulk water supply	Ehlanzeni, Mpumalanga	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Handed over	191 739
151 Sibange bulk water supply phase 1 of 2	Ehlanzeni, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Design	108 656
152 Thaba Chweu groundwater development	Ehlanzeni, Mpumalanga	Bulk Water Supply	Provision of groundwater development	SIP 6	Completed	8 500
153 Hoxane bulk water supply	Ehlanzeni, Mpumalanga	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Design	128 318
154 Wolmaransstad wastewater treatment works	Dr Kenneth Kaunda, North West	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 4	Construction	137 813
155 Nahoon Dam (Buffalo City municipality)	Amathole, Eastern Cape	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 4	Completed	150 000
156 Ngqamakwe water supply	Amathole, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 4	Feasibility	370 000
157 Worcester bulk water supply	Cape Winelands, Western Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	190 585

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
158 Grabouw wastewater treatment works	Overberg, Western Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	61 600
159 Swellendam wastewater treatment works	Overberg, Western Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Handed over	61 150
160 Struisbaai wastewater treatment works	Overberg, Western Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Handed over	11 366
161 Oudtshoorn groundwater supply	Eden, Western Cape	Bulk Water Supply	Provision of groundwater development	SIP 18	Feasibility	190 000
162 Beaufort West bulk water supply	Central Karoo, Western Cape	Bulk Water Supply	Upgrade of existing wastewater treatment works and construction of new wastewater treatment works	SIP 18	Feasibility	46 283
163 Vanrhynsdorp raw water supply	West Coast, Western Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Design	83 239
164 Klawer bulk water supply	West Coast, Western Cape	Bulk Water Supply	Augmentation of existing bulk water scheme from boreholes	SIP 18	Design	25 669
165 Paarl bulk sewer phase 3	Cape Winelands, Western Cape	Wastewater Services	Construction of new bulk sewage conveyance pipelines	SIP 18	Construction	207 804

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
166 Calitzdorp and Ladysmith wastewater treatment works	Eden, Western Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	77 458
167 Kannaland Dam relocation	Eden, Western Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Feasibility	72 904
168 Moretele bulk water supply (North)	Bojanala Platinum, North West	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 4	Feasibility	100 000
169 Makana bulk water supply (James Kleynhans)	Sarah Baartman, Eastern Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Construction	66 000
170 Ntabankulu bulk water supply	Alfred Nzo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	245 000
171 Capricorn master plan	Capricorn, Limpopo	Bulk Water Supply	Development of master plan	SIP 18	Master plan	3 100
172 Sekhukhune master plan	Greater Sekhukhune, Limpopo	Bulk Water Supply	Development of master plan	SIP 18	Master plan	3 100
173 Bushbuckridge master plan	Ehlanzeni, Mpumalanga	Bulk Water Supply	Development of master plan	SIP 18	Master plan	3 500
174 Upgrade of Delmas wastewater treatment works phase 2	Nkangala, Mpumalanga	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Design	75 676
175 Upgrade of Botleng wastewater treatment works	Nkangala, Mpumalanga	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	57 658

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
176 Upgrade of Balfour wastewater treatment works phase 2	Gert Sibande, Mpumalanga	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Tender	85 455
177 Belmont wastewater treatment works	Sarah Baartman, Eastern Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	142 000
178 Makana bulk sewer (Kwa-thatha)	Sarah Baartman, Eastern Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	IRS / Construction	15 000
179 Mayfield wastewater treatment works	Sarah Baartman, Eastern Cape	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	IRS / Construction	72 473
180 Kinira regional bulk water supply	Alfred Nzo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	34 500
181 Mount Ayliff bulk peri-urban water supply	Alfred Nzo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	187 358
182 Mkomane regional bulk water supply	Alfred Nzo, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	52 000
183 Trompsburg bulk sewer	Free State	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	76 000
184 Upgrading of Deneysville wastewater treatment works	Lejweleputswa, Free State	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Tender	150 000
185 Masilonyana bulk sewer (Brandfort and Winburg)	Lejweleputswa, Free State	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	70 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
186 Reitz upgrading wastewater treatment plant	Thabo Mofutsanyana, Free State	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	55 000
187 Mantsopa bulk sewer (Ladybrand)	Thabo Mofutsanyana, Free State	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	30 000
188 Rothdene pump station and raising main	Sedibeng, Gauteng	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	37 442
189 Mohlakeng pump station and sewer outfall	West Rand, Gauteng	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	70 000
190 Koster wastewater treatment works upgrade	Bojanala Platinum, North West	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Design	115 151
191 Ventersdorp bulk water supply	Dr Kenneth Kaunda, North West	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	54 990
192 Nebo bulk water supply -De Hoop Augmentation/ North/ South/ Steelpoort	Greater Sekhukhune, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Design	150 192
193 Douglas water treatment works upgrading	Z F Mgcawu, Northern Cape	Wastewater Services	Upgrade of existing water treatment works	SIP 18	Design	14 750
194 Ermelo bulk water supply (phase 2)	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Completed	46 872
195 Carolina Silobela bulk water scheme	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	200 000

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	
196	Provincial high catalytic projects (Mutash Hub)	Limpopo	Bulk Water Supply	Construction of new bulk water scheme for various purposes	SIP 6	Feasibility	200 000
197	Frankfort bulk sewer (Mafube)	Fezile Dabi, Free State	Wastewater Services	Construction of new bulk sewer infrastructure	SIP 18	Construction	126 000
198	Reitz & Lindley Cons Grey PL (RS-128)	Thabo Mofutsanyane, Free State	Bulk Bucket	Construction of sewer main	SIP 18	Construction	45 000
199	Clocolan construction of sewer main	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of sewer main (200mm-400mm)	SIP 18	Construction	60 000
200	Clocolan construction of pump station	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of pump station (200mm-400mm)	SIP 18	Construction	10 000
201	Senekal construction of sewer main	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of sewer main (200mm-400mm)	SIP 18	Construction	40 000
202	Senekal construction of pump station	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of pump station	SIP 18	Construction	10 000
203	Petrus Steyn refurbishment of a plant	Thabo Mofutsanyana, Free State	Bulk Bucket	Refurbishment of a package plant	SIP 18	Construction	5 946
204	Petrus Steyn outfall sewer	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of outfall sewer	SIP 18	Construction	27 100
205	Rouxville Outfall Sewer	Xhariep, Free State	Bulk Bucket	Construction of outfall sewer	SIP 18	Construction	1 685
206	Dealesville construction of sewer main	Lejweleputswa, Free State	Bulk Bucket	Construction of sewer main (200mm)	SIP 18	Construction	2 000
207	Dealesville construction of pump station	Lejweleputswa, Free State	Bulk Bucket	Construction of pump station	SIP 18	Construction	6 500

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
208 Heilbron Sewer and Pumpstation	Fezile Dabi, Free State	Bulk Bucket	Construction of pump station	SIP 18	Construction	6 600
209 Memel Refurbishment WWTW and Sewer	Thabo Mofutsanyana, Free State	Bulk Bucket	Refurbishment WWTW and Sewer	SIP 18	Construction	5 000
210 Tweeling Sewer Pumpstation	Fezile Dabi, Free State	Bulk Bucket	Construction of pump station	SIP 18	Construction	1 000
211 Hertzogville outfall sewer and pumpstation	Lejweleputswa, Free State	Bulk Bucket	Construction of sewer and pump station	SIP 18	Construction	1 740
212 Dewetsdorp Outfall Sewer Line	Mangaung Metro, Free State	Bulk Bucket	Construction of outfall sewer	SIP 18	Construction	450
213 Frankfort rising main	Fezile Dabi, Free State	Bulk Bucket	Construction of new bulk	SIP 18	Construction	5 459
214 Ficksburg Outfall Sewer and Pumpstation	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of new bulk	SIP 18	Construction	48 000
215 Boshoff Outfall Sewer	Lejweleputswa, Free State	Bulk Bucket	Construction of new bulk	SIP 18	Construction	225
216 Hertzogville outfall sewer	Lejweleputswa, Free State	Bulk Bucket	Construction of new bulk	SIP 18	Construction	3 300
217 Arlington Grey Water Package Plant	Thabo Mofutsanyana, Free State	Bulk Bucket	Construction of new bulk	SIP 18	Construction	25 000
218 Louisvale Pumpstation (New)	ZF Mgcawu, Northern Cape	Bulk Bucket	Construction of new pumpstation	SIP 18	Construction	8 200
219 Louisvale Pumpstation (Refurbishment)	ZF Mgcawu, Northern Cape	Bulk Bucket	Refurbishment of pumpstation	SIP 18	Construction	4 400
220 Breipaal Pumpstation (New)	Pixley ka Seme, Northern Cape	Bulk Bucket	Construction of new pumpstation	SIP 18	Construction	8 200

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	
Small water services projects (total project cost of less than R250 million over the project life cycle): infrastructure transfers							
2221	Bushbuckridge water treatment plant, pipelines and reservoirs	Ehlanzeni, Mpumalanga	Water Treatment Plant, Pipelines, Reservoirs	Supply of water to Bushbuckridge area	Not related to SIPs	Handed over	144 501
2222	Molopo Eye water treatment plant, pipelines and reservoirs	Dr Ruth Mompati, North West	Water Treatment Plant, Pipelines, Reservoirs	Supply of water to North West	Not related to SIPs	Handed over	39 835
2223	Ermelo water treatment plant, pipelines and reservoirs	Gert Sibande, Mpumalanga	Water Treatment Plant, Pipelines, Reservoirs	Supply of water to Ermelo area	Not related to SIPs	Handed over	48 510
2224	Zeerust water treatment plant, pipelines and reservoirs	Ngaka Modiri Molema, North West	Water Treatment Plant, Pipelines, Reservoirs	Supply of water to Zeerust area	Not related to SIPs	Handed over	14 204
2225	Abaqulusi, Nongoma and Jozini water intervention projects	Zululand, KwaZulu-Natal	Refurbishment of pipelines	Supply of water	Not related to SIPs	Construction	-
2226	Lady Grey bulk water supply	Joe Gqabi, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	IRS	128 533
2227	Sterkspruit bulk water supply	Joe Gqabi, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	50 000
2228	Coffee bay water treatment works	O R Tambo, Eastern Cape	Water Services	Upgrade of existing water treatment works	SIP 18	Feasibility	130 000
2229	Setsotho bulk water supply phase 2 of 4	Thabo Mofutsanyane, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	147 644
2230	Rouxville/ Smithfield/ Zastron Mhokare bulk water supply phase 1	Xhariep, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	180 258

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
231 Mantsopa bulk water supply phase 1	Thabo Mofutsanyane, Free State	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	250 000
232 Ngwathe bulk water supply (phase 2)	Fezile Dabi, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	250 000
233 Lushushwane bulk water scheme phase 1 of 2	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water and sanitation schemes	SIP 6	Design	91 918
234 Upgrade of Balfour wastewater treatment works phase 2	Gert Sibande, Mpumalanga	Wastewater Services	Upgrade of existing wastewater treatment works	SIP 18	Tender	85 455
235 Bushbuckridge water services (Cunningmore to Newington BWS)	Ehlanzeni, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	190 000
236 Eerstehoek/ Ekulindeni bulk water supply	Gert Sibande, Mpumalanga	Bulk Water Supply	Construction of new bulk water supply and upgrade of existing water treatment works	SIP 18	Feasibility	115 122
237 Amsterdam wastewater treatment works phase 1 of 2	Gert Sibande, Mpumalanga	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 6	Feasibility	30 503
238 Van Wyksvlei groundwater phase 1 (pipeline upgrade) and Phase 2 (boreholes)	Gert Sibande, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	94 700

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
239 Hantam desalination plant (Brandvlei)	Namakwa, Northern Cape	Bulk Water Supply	Construction of new desalination plant	SIP 18	Construction	66 569
240 Loeriesfontein bulk water supply phase 1 (pipeline) and Phase 2 (reservoir)	Namakwa, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	95 442
241 Ritchie wastewater treatment works bucket eradication programme	Frances Baard, Northern Cape	Bulk Water Supply	Construction of bulk water supply line and extension of the treatment works as well as associated infrastructure.	SIP 18	Construction	40 423
242 Williston bulk water supply	Namakwa, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	47 000
243 Britstown oxidation ponds	Pixley ka Seme, Northern Cape	Wastewater Services	Upgrade of existing waste water treatment works	SIP 18	Design	30 600
244 Danielskuil wastewater treatment works	Z F Mgcwawu, Northern Cape	Wastewater Services	Upgrade of existing water treatment works	SIP 18	Feasibility	12 644
245 Kathu bulk water supply	John Taola Gaetsewe, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	90 000
246 Christiana wastewater treatment works	Bophirima, North West	Wastewater Services	Upgrade of existing water treatment works	SIP 18	Feasibility	55 500
247 Citrusdal wastewater treatment works phase 2	West Coast, Western Cape	Bulk Water Supply	Construction of new wastewater treatment works	SIP 4	Construction	52 667
248 Clanwilliam/ Lamberts Bay regional water supply	West Coast, Western Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	61 500

Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000
249 Tulbagh bulk water supply (Witzenberg)	Cape Winelands, Western Cape	Wastewater Services	Construction of new bulk water scheme	SIP 18	Construction	76 807
250 Clanwilliam water treatment works	West Coast, Western Cape	Wastewater Services	Upgrade of existing bulk water scheme	SIP 18	Construction	31 349
251 Hofmeyer groundwater	Chris Hani, Eastern Cape	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 6	Construction	64 000
252 Middleburg Ground Water Supply	Chris Hani, Eastern Cape	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 18	Construction	32 505
253 Greater Bulwer Emergency scheme	Harry Gwala, KwaZulu-Natal	Bulk Water Supply			Completed	88 557

9 Conditional grants

Table 1: Regional Bulk Infrastructure Grant

Name of grant	Regional Bulk Infrastructure (RBIG)
Grant schedule	Schedule 5B and schedule 6B
Strategic goal	Facilitate achievement of targets for access to bulk water through successful execution and implementation of regional bulk infrastructure projects or bulk projects of regional significance
Purpose	• To develop new, refurbish, upgrade and replace ageing water and waste water infrastructure of regional significance that connects water resources to infrastructure serving extensive areas across municipal boundaries or large regional bulk infrastructure serving numerous communities over a large area within a municipality • Implementation of regional Water Conservation and Water Demand Management (WC/WDM) projects or facilitate and contribute to the implementation of local WC/WDM projects that will directly impact on bulk infrastructure requirements
Outcome statement(s)	• Access to water supply enabled through regional bulk infrastructure • Proper waste water management and disposal enabled through regional wastewater infrastructure
Performance indicator (s)	• Number of regional bulk and WC/WDM projects initiated • Number of projects completed • Number of people or households benefitting from projects completed • Number of municipalities benefitting • Number of job opportunities created

Table 2: Water Services Infrastructure Grant

Name of grant	Water Services Infrastructure (WSIG)
Grant schedule	Schedule 5B and schedule 6B
Strategic goal	To assist Water Services Authorities (WSAs) to reduce water and sanitation backlogs and sustain water and sanitation infrastructure
Purpose	• To facilitate the planning and implementation of various water and sanitation projects to accelerate backlog reduction and improve the sustainability of services in prioritised district municipalities, especially in rural municipalities • Provide interim, intermediate water supply that ensure provision of services to identified and prioritised communities, including through spring protection, drilling, testing and equipping of boreholes • Provide on site sanitation solutions • To support drought relief projects in affected municipalities
Outcome statement(s)	An increased number of households with access to reliable, safe drinking water and sanitation services
Performance indicator (s)	• Number of households provided with water and sanitation through • reticulated water supply, • on site sanitation, • source identification, • water conservation/ water demand management provisioning • Number of households reached by health and hygiene awareness and end user education • Number of job opportunities created

10 Entities

Various entities report to the Minister through governance arrangements allowing some autonomy to fulfill their mandates and others (as in the WTE) semi-autonomy.

10.1 Water Trading

The Water Trading was established in 1983 as a trading account under the Exchequer Act. When the Public Finance Management Act (PFMA) of 1999 converted trading accounts into trading entities, the Water Trading Entity's (WTE) conversion occurred in 2006 with its financial statements that comply with Generally Accepted Accounting Practices (GAAP) presented at the end of the 2005/06 financial year. The Water Trading Entity has since converted from GAAP to General Recognized Accounting Practices (GRAP). The WTE directly reports to the Accounting Officer of the department and has two components namely the Water Resource Management unit (also known as Proto-Catchment Management Agencies) and the Infrastructure branch.

The Water Resource Management unit is primarily responsible for sustainable and equitable use, conservation and allocation of water resources for the benefit of the people residing in respective water management areas.

The infrastructure branch primarily develops new infrastructure and also operates and maintains existing infrastructure. It comprises of the integrated systems and bulk water systems. The integrated systems primarily transport water from water rich to water scarce catchments through a number of dams and pipelines that are operated as one interlinked system. The bulk water supply schemes on the other hand are operated as stand-alone water schemes comprising of former homeland government schemes and the agriculture sector.

The WTE's funding comes from the revenue generated from water users in respective areas as well as partial augmentation from the fiscus. The fiscus augments the shortfall where the revenue is inadequate to cover the entire operations. The projected revenue for the 2017/18 medium term is tabulated below:

Statement of comprehensive income	Audited outcome			Revised estimate 2016/17	Medium term estimates		
	2013/14	2014/15	2015/16		2017/18	2018/19	2019/20
Revenue							
Non-tax revenue	8 197 006	9 919 245	9 632 121	8 667 932	9 694 245	10 605 965	11 042 717
Sale of goods and services other than capital assets	7 811 749	8 965 462	9 160 463	8 606 505	9 579 362	10 479 594	10 903 708
Administrative fees	–	–	–	–	–	–	–
Sales by market establishment	7 811 749	8 965 462	9 160 463	8 606 505	9 579 362	10 479 594	10 903 708
Other sales	–	–	–	–	–	–	–
Other non-tax revenue	385 257	953 783	471 658	61 427	114 883	126 371	139 009
Transfers received	2 377 202	2 399 258	1 522 038	1 499 528	1 236 738	1 888 854	1 991 192
Total revenue	10 574 208	12 318 503	11 154 159	10 167 460	10 930 983	12 494 819	13 033 909

Fifty two percent (52%) of the total budget for the Water Trading is allocated towards making payments to the Trans Caledon Tunnel Authority (TCTA) for debt repayment for completed and operational as well as new projects constructed on its behalf. The budget for this purpose grows at an average of 5% over the medium term. The transfers from the department account for 14.1% of total revenues over the medium term with an average growth rate of 9.9%. This allocation funds the social portion of the national water resources infrastructure, public interest functions in water resources management and supplements the revenues of the Water Trading.

The Water Trading activities over the medium terms are stipulated within the various programmes in the APP as follows:

- Administration (i.e. Financial Management sub-programme)
- Water Planning and Information Management (i.e. Water Information Management sub-programme)
- Water Infrastructure Development (i.e. Strategic Infrastructure Development and Management as well as Operation of Water Resources sub-programmes)

10.2 Trans-Caledon Tunnel Authority (TCTA)

The TCTA was established in 1986 as a state-owned entity specialising in project financing, implementation and liability management. It is responsible for the development of bulk raw water infrastructure and provides an integrated treasury management and financial advisory service to the Department, Water Boards, municipalities and other entities linked to bulk raw water infrastructure. It is listed as a schedule 2 major public entity in the PFMA.

In contribution to the Department's strategic objective of ensuring the availability of / access to water supply for environmental and socio-economic use, the TCTA will focus on:

- Facilitating water security through the planning, and
- Financing and implementation of bulk raw water infrastructure.

10.3 Water Research Commission (WRC)

The WRC was established in 1971 to generate new knowledge and to promote the country's water research. Its mandate includes promoting co-ordination, co-operation and communication in the area of water research and development; establishing water research needs and priorities; stimulating and funding water research according to priority; promoting effective transfer of information and technology; enhancing knowledge and capacity-building within the water sector. The WRC is listed as a schedule 3A entity in the PFMA.

In contribution to the Department's strategic objective of improving, increasing the skills pool and building competencies within the sector the WRC will focus on

- Promoting co-ordination, co-operation and communication in the area of water research and development.
- Establishing water research needs and priorities.
- Stimulating and fund water research according to priority.
- Promoting effective transfer of information and technology.
- Enhancing knowledge and capacity building in the water sector.
- Developing a strategic framework for water research in South Africa.

10.4 Catchment Management Agencies

Catchment Management Agencies (CMAs) are established in terms of Chapter 7 of the National Water Act. They are responsible for managing the water resources at a catchment level in collaboration with local stakeholders (with a specific focus on involving local communities in the decision making) regarding meeting of basic human needs, promoting equitable access to water and facilitating social and economic development. The CMAs are listed as schedule 3A entities in the PFMA. Nine (9) CMAs corresponding with nine (9) Water Management Areas are being established. The Inkomati-Usuthu and Breede-Gouritz CMAs are operational whilst the Limpopo-North West and the Pongola-Mzimkulu CMAs have been gazetted for establishment. The Vaal and Olifants CMAs will be established during 2015/16 year.

In contribution to the Department's strategic objective of improving the protection of water resources and ensure their sustainability the CMAs will focus on

- Finalisation of the catchment management strategies.
- Registering water use.
- Building Catchment Management Forums
- Facilitating transformation of Irrigation Water Boards
- Supporting verification and validation (V & V) process.
- Dealing with pollution incidents

10.5 Water Boards

Water Boards derive their mandate from the Water Services Act (1997) and are categorised as national government business enterprises in terms of schedule 3B of the Public Finance Management Act (1999). Water Boards are separate legal entities that have their own governance structures and assets and are required to be self-funding. The Minister of Water and Sanitation appoints board members and chairpersons.

The nine (9) Water Boards provide bulk potable water services to the municipalities in which they operate, and to other water service institutions and major customers within designated service areas. Water Boards vary considerably in size, activities, customer mix, revenue base and capacity. Botshelo Water; Pelladrift Water and Bushbuckridge Water boards were disestablished during 2013/14 and 2014/15 financial years as part of institutional re-alignment and reform process. Both Botshelo Water and Pelladrift Water have been incorporated to the Sedibeng Water while Bushbuckridge Water has been incorporated to Rand Water.

Most of the older and more established Water Boards are located in areas where there are significant urban development nodes (such as Rand Water, Umgeni Water and Magalies Water), while other boards operate in more demographically diversified areas, where there is an urban and rural mix in the customer base. While providing bulk treated water to municipalities, in some cases the boards also provide retail water and sanitation services on behalf of municipalities.

- In support of the Department's strategic objective of ensuring effective performance of water management and services institutions the Water Board will focus on
- Quality potable bulk water supplied to municipalities, industries and mines;
- Infrastructure development and job creation.

Table 3: List of entities to be evaluated during the period

No	Name of entity	Province	Budget in R'000		Date of next evaluation
			Current 2016/17 budget	Projected 2017/18 budget	
1	Amatola Water	Eastern Cape	351 307	155 178	April
2	Bloem Water	Free State	581 192	654 737	April
3	Breede-Gouritz CMA	Western Cape	47.3 m	82.7 m	October
4	Inkomati-Usuthu CMA	Mpumalanga	82.7 m	109 162 m	October
5	Lepelle Water	Limpopo	591 559	800 169	April
6	Magalies Water	North West	452 171	523 541	April
7	Mhlathuze Water	KwaZulu-Natal	953 853	964 872	April
8	Overberg Water	Western Cape	52 965	69 013	April
9	Rand Water	Gauteng, Mpumalanga, North West and Free State	13 425 331	15 260 421	April
10	Sedibeng Water	Free State, North West and Northern Cape	1 232 840	1 332 407	April
11	Trans Caledon Tunnel Authority	National	7 930 000	8 746 000	November
12	Umgeni Water	KwaZulu-Natal	4 590 553	7 878 790	April
13	Water Research Commission	National	310 494	304 630	November

Their consolidated projected capital expenditure (CAPEX) for the next five years is tabulated below.

Table 4: Entities' consolidated capital expenditure

No	Name of entity	Budget in R' 000					Totals
		2015/16	2016/17	2017/18	2018/19	2019/20	
1	Amatola Water	189 903	92 353	155 178	346 696	42 298	826 428
2	Bloem Water	67 000	82 000	100 000	82 000	266 000	597 000
3	Lepelle Water	84 170	309 175	191 218	145 393	91 224	821 180
4	Magalies Water	623 000	1 013 000	141 000	489 000	184 000	1 437 000
5	Mhlathuze Water	166 000	122 000	329 000	309 000	123 000	1 049 000
6	Overberg Water	8 699	66 547	30 868	6 457	0	112 571
7	Rand Water	2 750 000	4 372 000	4 372 000	4 363 000	4 334 000	17 441 000
8	Sedibeng Water	48 000	140 000	530 000	530 000	690 000	1 938 000
9	Trans Caledon Tunnel Authority	2 498 000	2 677 000	4 880 000	7 638 000	8 205 000	12 518 000
10	Umgeni Water	4 370 000	1 976 898	1 475 292	1 340 550	1 009 056	10 171 796

Appendices



Appendix 1: Changes to the strategic objectives in the strategic plan

2015/16 to 2019/20 Strategic Plan		Revision of strategic objective in 2017/18 to 2019/20 Annual Performance Plan (APP)		2015/16 to 2019/20 Strategic Plan five year targets	Revision of strategic objective targets in 2017/18 to 2019/20 APP	Comments
1.1	Water resources protected through water supply and sanitation services regulation, compliance monitoring and enforcement	1.1	Remains the same	Level of water users' compliance against the regulatory compliance and assessment tool	Sector performance against regulatory requirements	This target was changed to comply with the SMART principle.
1.2	Enhanced management of water and sanitation information	1.2	Remains the same	An Integrated National Water Resources Monitoring network that enhances the reliability of water information in prioritized areas	Achieve 65% compliance level for mines measured against individual water use entitlements	The unit of measurement was added to align with the outcomes approach requirements
1.3	The integrity of freshwater ecosystems protected	1.3	Remains the same	Classifying and determining resource quality objectives for 17 river systems	16 river systems with water resource classes and resource quality objectives	This target was reduced to factor in the limited available resources to achieve the planned target (i.e. minimum of about 24 months to complete the classes without the RQOs)
1.4	Enhanced water use efficiency and management of water quality	1.4	Enhanced water use efficiency and management of water quantity	Annually monitor 8 large water supply systems for water losses	Remains the same	The SO and target were revised to align "water use efficiency" with "quantity" as water losses are a component of water use efficiency.
1.5	Freshwater eco-systems protected from Acid Mine Drainage	1.5	Freshwater eco-systems protected from mine water impacts	End of term analysis on the implementation of the National Mine water regulation Programme	National Mine Water Management Strategy implemented in 9 catchments	This target was revised to factor in the implementation of the National Mine Water Management strategy in specific catchment areas

2015/16 to 2019/20 Strategic Plan		Revision of strategic objective in 2017/18 to 2019/20 Annual Performance Plan (APP)		2015/16 to 2019/20 Strategic Plan five year targets	Revision of strategic objective targets in 2017/18 to 2019/20 APP	Comments
2.1	A coordinated approach to water and sanitation infrastructure planning and monitoring and evaluation	2.1	Remains the same	An up-to-date National Water and Sanitation Master Plan (NWSMP) with a 10 year horizon	National Water and Sanitation Master Plan (NWSMP) with a 10 year horizon	This target was changed to comply with the SMART principle
2.2	Targeted and aligned planning for adequate water availability and the enhanced provision of water supply and sanitation services	2.2	Remains the same	Completed plans for 86 bulk water supply and sanitation services infrastructure projects	Remains the same	-
2.3	Adequate water availability and enhanced provision of sustainable and reliable water supply and sanitation services	2.3	Remains the same	Complete over 600 bulk water supply and sanitation services infrastructure projects	457 153 of households served with bulk water supply and sanitation services infrastructure	The unit of measurement was changed from projects to the number of households to align with the outcomes approach requirements
2.4	Safe, reliable and sustainable water supply and water and sanitation services infrastructure	2.4	Remains the same	Annual assessments on the implementation of the National Asset Management Plan (NAMP)	National Asset Management Plan (NAMP) implemented with unscheduled maintenance kept at 10% and below.	The target was revised to factor the monitoring of unscheduled maintenance
2.5	Enhanced provision of sustainable and dignified basic sanitation	2.5	Remains the same	Eradicate the sanitation backlog in over 26 000 rural households and replacing bucket sanitation systems in formal settlements in over 4 000 households	Eradicate the sanitation backlog in 30 978 rural households	This SO was moved from Water and Sanitation Services to Water Infrastructure Development to align with the revised budget structure. Also the target was revised to comply with the SMART principle
3.1	Equitable water allocation and availability for socio-economic development	3.1	Remains the same	Implementing the revised water allocations within 9 catchments	Water allocations reform implemented within 9 water management areas	The target was revised to replace catchments with water management areas

2015/16 to 2019/20 Strategic Plan		Revision of strategic objective in 2017/18 to 2019/20 Annual Performance Plan (APP)		2015/16 to 2019/20 Strategic Plan five year targets	Revision of strategic objective targets in 2017/18 to 2019/20 APP	Comments
3.2	Targeted rural development initiatives that support smallholder farmers	3.2	Remains the same	Implement targeted rural development initiatives that support smallholder farmers	Implement targeted rural development initiatives that will provide access to 900 million m ³ of water to smallholder farmers	This SO was moved from Water and Sanitation Services to Water Infrastructure Development to align with the revised budget structure. Also, the target was revised to comply with the SMART principle.
3.3	Targeted procurement that supports black entrepreneurs in the sector	3.3	Remains the same	Spend 80% of the procurement budget on BBBEE compliant suppliers	Remains the same	-
3.4	Job opportunities created that expand economic opportunities for historically excluded and vulnerable groups	3.4	Remains the same	Number of job opportunities created through implementing infrastructure projects	Number of full-time equivalent jobs created through implementing infrastructure projects	The unit of measurement was changed to align with the Expanded Public Works Programme requirements
4.1	An enabling environment for the management of water resources and the provision of basic water and sanitation services across the sector	4.1	Remains the same	Water Sanitation Amendment Bill developed	Remains the same	This SO was moved from Water Sector Regulation to Water Planning and Information Management to align with the revised budget structure
4.2	Sound governance and oversight of the DWS Public Entities	4.2	Remains the same	Performance evaluation of the DWS entities against their performance agreement	Remains the same	-
4.3	An efficient, effective and high performing organisation	4.3	Remains the same	An unqualified audit outcome on the financial and non-financial data from 2016/17 onwards	Remains the same	-

2015/16 to 2019/20 Strategic Plan		Revision of strategic objective in 2017/18 to 2019/20 Annual Performance Plan (APP)		2015/16 to 2019/20 Strategic Plan five year targets	Revision of strategic objective targets in 2017/18 to 2019/20 APP	Comments
4.4	Coordinated development of the skills pool across the sector	4.4	Remains the same	To standardise the workplace skills plan for the water sector by 2018/19 and annually monitoring progress from 2019/20 onwards	An evaluation on the effectiveness of the standardised workplace skills plan for the water sector	This SO was moved from Water and Sanitation Services to Administration to align with the revised budget structure. Also the target was revised to comply with the SMART principle.
5.1	Targeted and sustained African and global cooperation in support of the national water and sanitation agenda	5.1	Remains the same	An approved Africa and global International Relations Programme and a 5 year end of term analysis on its implementation	An evaluation on effectiveness of the approved International Relations Programme	This target was changed to comply with the SMART principle
5.2	Informed and empowered communities and responsive government securing integrated and sustainable partnerships to support the W & S development agenda	5.2	Remains the same	5-year strategically aligned programme on Partnerships, Communications and Stakeholder Relations; approved at the start of the MTSF and assessed at the end of term	An evaluation of the Partnerships, Communications and Stakeholder Relations programme	This target was changed to comply with the SMART principle

Appendix 2: Definition of terms

Term	Definition
Adequate sanitation	Sanitation services that is easily accessible to household members, has the necessary operational support for the safe removal of human waste and black and / or grey water from the premises where this is appropriate and necessary, and promotes the communication of good sanitation, hygiene and related practices.
Basic Water Supply	The prescribed minimum standard of water supply services necessary for the reliable supply of a sufficient quantity and quality of water to households, including informal households, to support life and personal hygiene (i.e. RDP standard that requires a tap in the street 200m from households)
Bulk water resource infrastructure	Infrastructure required to store and transfer raw water as part of government schemes. It also referred to as national water resources infrastructure (e.g. dams, canals, major pump stations etc.)
Catchment	A watercourse or watercourses or part of a watercourse. means the area from which any rainfall will drain into the watercourse or watercourses or part of a watercourse, through surface flow to a common point or common points
Compulsory licensing	A mechanism to reconsider all the water use authorisations in an area to • Achieve a fair allocation of water from a resource that is under stress or to achieve equity in allocation; • Promote beneficial use of water in the public interest; • Facilitate efficient management of the water resource; • Protect water resource quality.
Conservation	In relation to a water resource means the efficient use and saving of water, achieved through measures such as water saving devices, water-efficient processes, water demand management and water rationing
Consumer	Any end user who receives water services from a water services institution, including an end user in an informal settlement
Conveyance system	It's an infrastructure constructed for the purpose of transferring water from a natural water resource to a point of use (e.g. canal, pipeline, tunnel, syphon etc.)
Cumulative	A value increase by making successive additions of random variables
Feasibility Plan	An evaluation and analysis of the potential of the proposed water resource development project which is based on extensive investigation and research. This may entail water availability analysis, socio-economic viability, environmental impact assessment and geo-technical studies to provide best suitable option for a water resource development or augmentation.
Formal settlement	Permanent housing created in an urban or peri-urban location with official approval
Interim Water Supply	This can be a spring protection or a borehole with a hand pump in a village

Term	Definition
Job opportunity	Paid work created for an individual on a project for any period of time. The same person can be employed on different projects and each period of employment will be counted as a job opportunity.
Large project	A project with a total cost of at least R250 million but less than a R 1 billion over the project life cycle.
Mega project	A project over R400 million per annum for a minimum of three years, or a minimum of R1 billion total project cost.
National Water Resource Strategy	Provides the framework for the protection, use, development, conservation, management and control of water resources for the country as a whole. It also provides the framework within which water will be managed at regional or catchment level, in defined water management areas.
Non-cumulative	Values calculated during the query at a certain period (i.e. actual values during the quarter)
Pollution	The direct or indirect alteration of the physical, chemical or biological properties of a water resource so as to make it less fit for any beneficial purpose for which it may reasonably be expected to be used; or harmful or potentially harmful to the welfare, health or safety of human beings; to any aquatic or non-aquatic organisms; to the resource quality; or to property
Programme	Is the main division within the department's budget that funds a clearly defined set of objectives based on the services or functions within the department's legislative and other mandates
Reserve	The quantity and quality of water required to satisfy basic human needs by securing a basic water supply, as prescribed under the Water Services Act, 1997 (Act No. 108 of 1997), for people who are now or who will, in the reasonably near future, be relying upon; taking water from; or being supplied from the relevant water resource; and to protect aquatic ecosystems in order to secure ecologically sustainable development and use of the relevant water resource;
Resource Poor Farmer	Farmers who are citizens of South Africa and who are members of the historically disadvantaged population groups.
Resource quality	The quality of all the aspects of a water resource including the quantity, pattern, timing, water level and assurance of in-stream flow; the water quality, including the physical, chemical and biological characteristics of the water; the character and condition of the in-stream and riparian habitat; and the characteristics, condition and distribution of the aquatic biota
Resource Quality Objective	The establishment of clear goals relating to the quality of the relevant water resource. In determining resource quality objectives a balance must be sought between the need to protect and sustain water resources on the one hand, and the need to develop and use them on the other.
SIP 1	Unlocking the northern mineral belt with Waterberg as Catalyst
SIP 2	Durban-Free State Gauteng Logistics and Industrial Corridor
SIP 3	South eastern note and corridor development
SIP 4	Unlocking the economic opportunities in the Both West Province
SIP 5	Saldanha-Northern Cape Development Corridor

Term	Definition
SIP 6	Integrated municipal infrastructure project
SIP 11	Agri-logistics and rural infrastructure
SIP 18	Water and sanitation master plan
Small project	A project with a total cost less than R250 million over the project life cycle
Sub-programme	Is a constituent part of a programme that defines the services or activities which contribute to the achievement of the objective(s) of the programme of which it forms a part.
Water Management Area	Is an area established as a management unit in the national water resource strategy within which a Catchment Management Agency will conduct the protection, use, development, conservation, management and control of water resources
Water Management System	This is a computer system designed to support the water resource management function of the Department with emphasis on water and environmental quality
Water Reconciliation Strategy	A study that identifies, evaluate and prioritises interventions to reconcile the future water requirements with the available water resources within a particular area
Water resource	Includes a watercourse, surface water, estuary, or aquifer
Water Service Authority	Any municipality, including a district or rural council as defined in the Local Government Transition Act, 1993 (Act No. 209 of 1993). responsible for ensuring access to water services:
Water Services	Water supply services and sanitation services
Water use authorisation	Water use authorisation may be one of the following: Schedule 1 use - small volumes of water for household use only. No application for a licence needs to be made. General Authorisations - larger volumes of water may be generally authorised for a specific type of water use or category of water user. These users need to register their use but do not need a licence. Existing Lawful Use – this allows water use that was lawfully used before the NWA came into effect to continue until it can be converted into a licence using compulsory licensing. Licensed Water Use – Licences are issued under the NWA, and require approval of an application by the Department of Water and Sanitation.

Appendix 3:

Technical indicator descriptions



Programme 1: Administration

PPI No 3.3.1: Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)

Indicator title	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)
Short definition	This measures the extent in which the department empowers qualifying small enterprises through the procurement of goods and services in line with the department BBBEE policy.
Purpose / importance	Section 13G(1) of the BBBEE Amendment Act requires government departments to report on their compliance with BBBEE. The departmental policy focuses on procuring goods and services from qualifying small enterprises to support their empowerment.
Source / collection of data	Supply chain database
Method of calculation	If the total procurement from qualifying small enterprises is given the value “x” and the total procurement budget is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	Incorrectly categorised / segregated data in SCM system
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	15% targeted procurement budget spent on qualifying small enterprises
Indicator responsibility	Chief Financial Officers: Main Account and Water Trading

PPI No 3.3.2: Percentage of targeted procurement budget spent on exempted micro enterprises (EME)

Indicator title	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)
Short definition	This measures the extent in which the department empowers exempted micro enterprises through the procurement of goods and services in line with the department BBBEE policy.
Purpose / importance	Section 13G(1) of the BBBEE Amendment Act requires government departments to report on their compliance with BBBEE. The departmental policy focuses on procuring goods and services from exempted micro enterprises to support their empowerment.
Source / collection of data	Supply chain database
Method of calculation	If the total procurement from exempted micro enterprises is given the value “x” and the total procurement budget is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	Incorrectly categorised / segregated data in SCM system
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	15% targeted procurement budget spent on exempted micro enterprises
Indicator responsibility	Chief Financial Officers: Main Account and Water Trading

PPI No 4.3.1: Percentage compliance with MPAT standards at the minimum targeted level 3

Indicator title	Percentage compliance with MPAT standards at the minimum targeted level 3
Short definition	This measures the extent in which the department complies with the Management Performance Assessment Tool (MPAT) standards on corporate governance mechanisms.
Purpose / importance	Outcome 12 on “An efficient, effective and development oriented public service and contributes to government’s outcome on service delivery” requires all government departments to comply with all the MPAT standards at level 3.
Source / collection of data	The DPME electronic MPAT system
Method of calculation	If the total number of moderated MPAT standards at level 3 is given the value “x” and the overall number of MPAT standards within a given year is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	Data quality / integrity
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	No
Desired performance	100% compliance with MPAT standards at the minimum targeted level 3
Indicator responsibility	Deputy Director-General: Programme Management Unit

PPI No 4.3.2: Percentage expenditure on annual budget

Indicator title	Percentage expenditure on annual budget
Short definition	This measures the extent in which the department spends its appropriated budget within a given financial year.
Purpose / importance	Outcome 12 on “An efficient, effective and development oriented public service and contributes to government’s outcome on service delivery” requires all government departments to spend their appropriated budgets optimally.
Source / collection of data	Financial management system
Method of calculation	If the actual annual budget spent is given the value “x” and the total appropriated budget is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	100% expenditure on annual budget
Indicator responsibility	Chief Financial Officer: Main Account

PPI No 4.3.3: Number of debtor days

Indicator title	Number of debtor days
Short definition	This measures the extent in which the department's Water Trading Entity reduces the number of outstanding debt within a given financial year.
Purpose / importance	Outcome 12 on "An efficient, effective and development oriented public service and contributes to government's outcome on service delivery" requires all government departments to address weaknesses in the management.
Source / collection of data	Financial management system
Method of calculation	The formula is as follows: $\text{Debtor days} = \frac{\text{trade debtors}}{\text{Revenue (sales)}} \times \text{number of days in financial year}$
Data limitations	Data accuracy and system availability
Type of indicator	Input
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Reduce the number of debtor days to 100 days
Indicator responsibility	Chief Financial Officer: Water Trading Entity

PPI No 4.3.4: Percentage vacancy rate for engineers and scientists

Indicator title	Percentage vacancy rate for engineers and scientists
Short definition	This measures the extent in which the department maintains the minimum vacancy rate for vacant funded posts in the job category of occupational specific dispensation (OSD) with a particular focus on engineers and scientists
Purpose / importance	Outcome 12 on “An efficient, effective and development oriented public service and contributes to government’s outcome on service delivery” requires all government departments to monitor if their organisational structures are filled with the necessary skills to achieve their mandate.
Source / collection of data	Persal system
Method of calculation	If the number of vacant engineer and scientist positions is given the value “x” and the total number of funded engineer and scientist positions is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Achieve and maintain a minimum vacancy rate of 10% in the funded engineer and scientist positions
Indicator responsibility	Deputy Director-General: Corporate Services

PPI No 4.3.5: Percentage of SMS employees attending interventions identified through the DPSA competency assessment

Indicator title	Percentage of SMS employees attending interventions identified through the DPSA competency assessment
Short definition	This measures the extent in which the SMS employees of the department attend the required training interventions that were identified through the DPSA set assessment for SMS levels.
Purpose / importance	Outcome 12 on “An efficient, effective and development oriented public service and contributes to government’s outcome on service delivery” requires all government departments to develop skills and professional ethos by turning every workplace into a training space with a particular focus on on-the-job learning where public servants are adequately supported in order to develop the skills they need during the course of their career.
Source / collection of data	A database of the SMS employees that attended the required training interventions will be maintained
Method of calculation	If the actual number of identified SMS employees that attend is given the value “x” and the total number of identified SMS employees required to attend the training interventions within a given period is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	100% SMS employees attending interventions identified through the DPSA competency assessment
Indicator responsibility	Deputy Director-General: Corporate Services

PPI No 4.4.1: Percentage of the Water and Sanitation Sector Occupations (skills) registered with OFO

Indicator title	Percentage of the Water and Sanitation Sector Occupations (skills) registered with Organising Framework for Occupations (OFO)
Short definition	This monitors the extent in which the standardised Water and Sanitation Sector Occupations (skill) identified in the Water and Sanitation Sector Occupations Framework are registered with the Organising Framework for Occupations (OFO). The registrations can be registered as occupations, or an alternative title or specialisation.
Purpose / importance	Workplace skills plans are developed through Organising Framework for Occupations code system, a sector with clearly defined and code assigned occupations facilitate the availability of such occupations to form part of the water and sanitation sector institutions Workplace Skills Plans and the Sector Skills Plan.
Source / collection of data	A database of the OFO registrations will be maintained
Method of calculation	If the actual number of registered skills with OFO is given the value “x” and the total number of identified skills required for registration is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	100% of the Water and Sanitation Sector Occupations (skills) registered with OFO
Indicator responsibility	Deputy Director-General: Corporate Services

PPI No 5.1.1: Number of analyses on progress against the approved annual International Relations Implementation Plan

Indicator title	Number of analyses on progress against the approved annual International Relations Implementation Plan
Short definition	This measures the extent in which the department assesses the implementation of its approved annual International Relations Implementation Plan
Purpose / importance	Outcome 11 on the “Creating a better South Africa, a better Africa and a better world” requires government departments to support the management of international relations and South African foreign policy by developing an international relations programme aligned to the DIRCO priorities.
Source / collection of data	Reports on the progress against the approved annual International Relations Implementation Plan will be developed.
Method of calculation	The document verification includes: • The approved annual International Relations Implementation Plan (IRIP) • Quarterly analysis reports on the implementation of the annual International Relations Implementation Plan (IRIP)
Data limitations	None
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Conduct 4 analyses on progress against the approved annual International Relations Implementation Plan
Indicator responsibility	Deputy Director-General: International Water Support

PPI No 5.2.1: Annual assessment of the benefits derived from partnership agreement instruments

Indicator title	Annual assessment of the benefits derived from partnership agreement instruments
Short definition	This measures the extent in which the department assesses the benefits derived from partnership agreements
Purpose / importance	To support the department's core business by securing partnerships with private and social partners to further the water and sanitation development agenda whilst also communicating successes, programmes and interventions to address challenges. To further provide platforms for communities to participate in key decisions; voice their concerns and actively contribute to their upliftment, in partnership with government and other key stakeholders.
Source / collection of data	A partnership assessment report will be developed.
Method of calculation	The existence of an annual assessment report of partners and beneficiaries on the benefits derived from the partnership agreement instruments and established partnership working relationships. Minimum requirements of the assessment report: • Description of existing and new partnership agreement instruments or partnership relations as well as partnership outputs. • Assessment of the benefits derived, against the objects of the partnership instrument (including the benefits to communities against the benefits to the partner) • Key learnings, scope for improvement, and focus areas for the upcoming period • Planned partnerships for the upcoming period and the benefits sought
Data limitations	None
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	Yes
Desired performance	Conduct a baseline study of benefits derived from partnership agreement instruments
Indicator responsibility	Deputy Director-General: Communications

PPI No 5.2.2: Annual assessment on the implementation of the annual communications programme

Indicator title	Annual assessment on the implementation of the annual communications programme
Short definition	This measures the extent in which the department assesses the implementation of its approved annual communications programme.
Purpose / importance	To support the department's core business by developing and implementing a communications framework in line with the GCIS that covers <i>inter alia</i> media relations, content development, public relations, branding, awareness campaigns, events and conferencing.
Source / collection of data	An annual communications programme will be developed with reports on its implementation developed.
Method of calculation	The document verification includes: • The approved annual communications framework • Quarterly assessment reports on the implementation of the annual communications framework
Data limitations	None
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Conduct annual assessment on the implementation of the annual communications programme
Indicator responsibility	Deputy Director-General: Communications

PPI No 5.2.3: Assessment of impact of mediated interactions that will deliver meaningful engagements with communities

Indicator title	Assessment of impact of mediated interactions that will deliver meaningful engagements with communities
Short definition	This measures the extent in which the department assesses the impact of mediated interactions that will deliver meaningful engagements with communities
Purpose / importance	To support the department's core business by promoting and facilitating direct communication between government and citizens.
Source / collection of data	Reports assessing the impact of mediated interactions with communities will be developed
Method of calculation	The document verification includes: • The mediated interactions with communities • Quarterly assessment reports on the impact of mediated interactions with communities
Data limitations	None
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	No
Desired performance	Assess the impact of mediated interactions that will deliver meaningful engagements with communities
Indicator responsibility	Deputy Director-General: Communications

Programme 2: Water Planning and Information Management

PPI No 1.2.1: Adopted water monitoring network implementation plan implemented

Indicator title	Adopted Water Monitoring Network Implementation plan implemented
Short definition	This measures the process of adopting the water monitoring network implementation plan and its subsequent implementation in the nine (9) water management areas. This implementation plan is based on the findings of the review of the existing water monitoring networks that resulted in the development of the water monitoring network strategy.
Purpose / importance	The completed water monitoring network strategy ensures the availability of sufficient information regarding water quality, flow and use by looking at the requirements for monitoring. The implementation plan will be the tool to execute the strategy to achieve optimal monitoring information.
Source / collection of data	Water monitoring network implementation strategy
Method of calculation	The process verification includes: Water monitoring network implementation strategy completed during the 2016/17 financial year Discussion document for consultation in the 9 WMAs Stakeholder consultation in 5 WMAs Stakeholder consultation in 4 WMAs Draft resourced Water Monitoring Network Implementation Plan
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	Complete the draft resourced water monitoring network implementation plan
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 1.2.2: Integrated water quality management strategy

Indicator title	Integrated water quality management strategy
Short definition	This measures the process of developing the integrated water quality management implementation framework.
Purpose / importance	The completed integrated water quality management strategy identified national water quality challenges strategy and recommended mitigation measures. The implementation plan will be the tool to execute the strategy to achieve integrated water quality management nationally.
Source / collection of data	Integrated water quality management strategy
Method of calculation	The process verification includes: • The completed integrated water quality management strategy completed during the 2016/17 financial year • Monitoring and Evaluation Framework • Integrated Water Quality Management implementation plan
Data limitations	Lack of and / or out-dated information
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	Integrated water quality management strategy implementation plan developed
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 1.3.1: Number of river systems with water resource classes and determined resource quality objectives

Indicator title	Number of river systems with water resource classes and determined resource quality objectives
Short definition	This measures the number of river systems with water resource classes and determined resource quality objectives that provide the status of water quality and quantity, the habitat and biota characteristics of the river.
Purpose / importance	The resource quality objectives are used to balance the need to protect and sustain the water resources with the need to develop and use the water resource.
Source / collection of data	Water resource databases supported by water resource classes gazettes and published resource quality objectives
Method of calculation	This will be the gazetted water resource classes and resource quality objectives for the following river systems: • Mvoti, • Mzimkulu, • Crocodile (West) Marico, • Mokolo & Matlabas
Data limitations	Lack of and / or out-dated information
Type of indicator	Impact
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	4 river systems with water resource classes and determined resource quality objectives
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 1.3.2: Number of rivers in which the River Eco-status Monitoring Programme is implemented

Indicator title	Number of rivers in which the River Eco-status Monitoring Programme is implemented
Short definition	This monitors the number of river in which the system's ecological health is measured through the implementation of the River Eco-status Monitoring Programme
Purpose / importance	The determination of the eco-status / river health through a number of indicators such as the invertebrates, fish, habitat and vegetation assists in determining areas that need interventions and whose eco-status needs improvement.
Source / collection of data	A database of river eco-status indicators is maintained.
Method of calculation	This will be the number of rivers as specified
Data limitations	Data accuracy / incomplete data
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	71 rivers in which the River Eco-status Monitoring Programme is implemented
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 1.3.3: Number of hydro-climatic zones in which assessments for climate change vulnerability are completed

Indicator title	Number of hydro-climatic zones in which assessments for climate change vulnerability are completed
Short definition	This monitors the hydro-climatic zones that have climate change vulnerability assessments per annum.
Purpose / importance	Subsequent to the completion of the climate change adaptation strategy for the water and sanitation sector in 2014/15, the focus is on assessing the vulnerability of targeted hydro-climatic zones
Source / collection of data	Risk and vulnerability assessment report
Method of calculation	This will be the climate change vulnerability assessments for the following hydro-climatic zones • Zone 4, the Orange WMA • Zone 1 Northern Interior WMA
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	2 hydro-climatic zones in which assessments for climate change vulnerability are completed
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 1.4.1: Number of large water supply systems assessed for water losses

Indicator title	Number of large water supply systems assessed for water losses
Short definition	This monitors the assessment of water losses in 8 large priority water supply systems.
Purpose / importance	Water conservation and demand management is a key component to the sustainable management of South Africa's scarce water resources and is a key strategic intervention to reconcile water requirements with water availability.
Source / collection of data	Targets for reducing water losses have been set for the major demand centres (e.g. metropolitan and major cities that are mostly the largest water users) within the 8 large water supply systems based on the Municipal Infrastructure Investment Framework (MIIF).
Method of calculation	This will be the large water supply systems assessed for water losses • Vaal River, • Umgeni River, • Crocodile West River, • Olifants River, • Algoa, • Amatole, • Bloemfontein and • Western Cape Supply Systems
Data limitations	Non-existence of documents
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	8 large water supply systems assessed for water losses
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.1.1: National Water and Sanitation Master Plan (NWSMP) adopted

Indicator title	National Water and Sanitation Master Plan (NWSMP) adopted
Short definition	This measures the process of developing and adopting National Water and Sanitation Master Plan (NWSMP).
Purpose / importance	National Water and Sanitation Master Plan will support a more coordinated approach to the development of water and sanitation infrastructure (i.e. water resources and water services) planning and monitoring and evaluation.
Source / collection of data	The data source will include but not limited to: • National Water Resource Infrastructure strategy • District municipalities (DMs) water and sanitation services master plans • Water Services Development Plans
Method of calculation	The process verification includes: • Discussion document for consultation in 4 water management areas (i.e. Mzimvubu-Tsitsikamma, Limpopo, Olifants, and Vaal) • Discussion document for consultation in 5 water management areas (i.e. Orange, Breede-Gouritz, Berg-Olifants, Pongola-Mntamvuna) • Draft national water and sanitation sector agreement • Draft National Water and Sanitation Master Plan
Data limitations	Data accuracy
Type of indicator	Output
Calculation type	Quarterly
Reporting cycle	Non-cumulative
Is it a new indicator?	Amended
Desired performance	Draft National Water and Sanitation Master Plan developed
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.1.2: Number of district municipalities (DMs) with completed 5 year water and sanitation services master plans

Indicator title	Number of district municipalities (DMs) with completed 5 year water and sanitation services master plans
Short definition	This measures the number of district municipalities with completed 5 year water and sanitation services master plans comprising of the following: • 5 year Reliable Water & Sanitation Service Delivery Implementation Plan framework. • 5 year Reliable Water & Sanitation Service Delivery Implementation Plan. • DM Investment Framework Structure. • DM's Investment frameworks
Purpose / importance	The NDP and MTSF requires that district municipalities should develop Water and Sanitation Service Delivery Master Plans.
Source / collection of data	Water and Sanitation Service Delivery implementation plans
Method of calculation	This will be the listed district municipalities (DMs) with completed 5 year water and sanitation services master plans.
Data limitations	Data accuracy
Type of indicator	Output
Calculation type	Quarterly
Reporting cycle	Non-cumulative
Is it a new indicator?	No
Desired performance	17 district municipalities (DMs) with completed 5 year water and sanitation services master plans
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.1.3: Number of Water Services Authorities (WSAs) audited on water and sanitation delivery performance

Indicator title	Number of Water Services Authorities (WSAs) audited on water and sanitation delivery performance
Short definition	This measures the number of WSAs audited water and sanitation delivery performance against their WSDP delivery standards.
Purpose / importance	Outcome 9 on “Responsive, accountable, effective and efficient local government” requires that society members have access to sustainable and reliable water and sanitation services and through the audit of the 153 WSAs this would ascertained.
Source / collection of data	WSA delivery plans
Method of calculation	This will be the listed of WSAs that will be audited
Data limitations	Data accuracy
Type of indicator	Output
Calculation type	Quarterly
Reporting cycle	Non-cumulative
Is it a new indicator?	No
Desired performance	47 WSAs audited on water and sanitation delivery performance
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.1.4: Number of WSAs assessed for socio-economic impact

Indicator title	Number of WSAs assessed for socio-economic impact
Short definition	This measures the number of WSAs assessed for the socio-economic impact / benefit of the developed infrastructure on the household in line with the CIPD framework approach
Purpose / importance	Outcome 9 on “Responsive, accountable, effective and efficient local government” requires that assess is provided to those with no access or have insufficient access to water supply.
Source / collection of data	Municipal databases on the number of households with access to water supply in terms of the interim or basic water supply.
Method of calculation	This will be the listed WSAs assessed
Data limitations	Data accuracy
Type of indicator	Impact
Calculation type	Quarterly
Reporting cycle	Non-cumulative
Is it a new indicator?	No
Desired performance	127 WSAs assessed for socio-economic impact
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.2.1: Number of completed Record of Implementation Decisions (RID) for bulk raw water planning projects

Indicator title	Number of completed Record of Implementation Decisions (RID) for bulk raw water planning projects
Short definition	This monitors the number of bulk raw water projects under the planning stage with completed Record of Implementation Decisions (RID)
Purpose / importance	This is the final milestone for the planning process before projects are ready for implementation (i.e. design and construction)
Source / collection of data	The existence of a Record of Implementation decision
Method of calculation	These will be the completed Record of Implementation Decisions (RID) for bulk raw water planning projects: • uMkhomazi Water Project Phase 1 • Foxwood Dam Project • Mokolo Crocodile (West) Water Augmentation Project Phase 2A
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	3 completed Record of Implementation Decisions (RID) for bulk raw water planning projects
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.2.2: Number of completed feasibility studies for water and wastewater services projects (RBIG)

Indicator title	Number of completed feasibility studies for water and wastewater services projects (RBIG)
Short definition	This monitors the number of feasibility studies completed for water and wastewater services projects funded through the regional bulk infrastructure
Purpose / importance	This is an essential milestone for the planning of water and wastewater services infrastructure as the project feasibility is assessed.
Source / collection of data	To model different scenarios for the areas data is sourced from various databases inclusive of WMS, HYDSTRA and various departments (e.g. DEA, COGTA, DAFF)
Method of calculation	This will be the number of feasibility studies as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	22 completed feasibility studies for water and wastewater services projects (RBIG)
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 2.2.3: Number of completed implementation readiness studies for water and wastewater services projects (RBIG)

Indicator title	Number of completed implementation readiness studies for water and wastewater services projects (RBIG)
Short definition	This monitors the number of implementation readiness studies completed for water and wastewater services projects funded through the regional bulk infrastructure
Purpose / importance	This is the final milestone for the planning process before projects are ready for implementation (i.e. design and construction)
Source / collection of data	The existence of implementation readiness studies
Method of calculation	This will be the number of implementation readiness studies as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	25 completed implementation readiness studies for water and wastewater services projects (RBIG)
Indicator responsibility	Deputy Director-General: Water Planning and Information Management

PPI No 4.1.1: Approved National Water and Sanitation Resources and Services Strategy (NWSRSS) and implementation plan

Indicator title	Approved National Water and Sanitation Resources and Services Strategy (NWSRSS) and implementation plan
Short definition	This monitors the development National Water and Sanitation Resources and Services Strategy to ensure the integration of the full value chain of water resources, water services and sanitation services.
Purpose / importance	The National Water Act requires a National Water Resources Strategy to be developed every 5-years. The second NWRS edition was approved in 2012; however it excludes much of the sanitation service function. The next edition will thus ensure the full integration of sanitation into the legislated strategy.
Source / collection of data	The existing NWRS and Sanitation Policy and from workshops with various stakeholders
Method of calculation	The means for verification include: • Draft 1 NWSRSS framework • Stakeholder inputs consolidated into the draft 1 framework • Draft National Water Resources and Services Strategy Framework
Data limitations	None
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Draft National Water Resources and Services Strategy Framework completed
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.1.2: Revised water and sanitation norms and standards for all water and sanitation supply and services

Indicator title	Revised water and sanitation norms and standards for all water and sanitation supply and services
Short definition	This monitors the process of developing and implementing the norms & standards for all level of water supply and sanitation services, to regulate the provision of water supply and sanitation services
Purpose / importance	The revision of norms and standards will provide a framework or model within which the local government can provide efficient, affordable, economical and sustainable access to water supply and sanitation services
Source / collection of data	Existing norms and standards and sanitation policies including draft National Sanitation Policy 2015, Assessment report on Strategic Framework for Water Services, Water Services Act (Act No. 108 of 1997) including the draft Water & Sanitation Bill, National Water Policy 2013 and from workshops with various stakeholders
Method of calculation	This will be the actual output (i.e. approved water supply and sanitation norms and standards published) within the financial year
Data limitations	Stakeholders buy-in
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Approved water supply and sanitation norms and standards published
Indicator responsibility	Deputy Director-General: Water Sector Regulation

Programme 3: Water Infrastructure Development

PPI No 2.3.1: Number of bulk raw water projects ready for implementation

Indicator title	Number of bulk raw water projects ready for implementation
Short definition	This monitors the number of bulk raw water projects packaged as ready for implementation within a given financial year.
Purpose / importance	Subsequent to a RID projects go to the design phase with a number of process issues requiring finalisation prior to construction.
Source / collection of data	The following needs to be in place for a project to be considered as ready for implementation: • Funding agreements • Guideline for technical implementation • Water use authorization obtained • Mining permit obtained (where relevant) • Tender documents completed and contractor appointments • Project designs
Method of calculation	The following projects will be packaged as ready for implementation: • Tzaneen • Nwamitwa • Mzimvubu • ORWRDP 2E, 2F • Clanwilliam
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	5 bulk raw water projects ready for implementation
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.2: Number of bulk raw water projects under construction

Indicator title	Number of bulk raw water projects under construction
Short definition	This monitors the number of bulk raw water projects under construction within a given financial year.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained
Method of calculation	The following projects will be under construction: • Tzaneen • Clanwilliam • Hazelmere • ORWRDP 2D
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	4 bulk raw water projects under construction
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.3: Number of bulk raw water projects completed

Indicator title	Number of bulk raw water projects completed
Short definition	This monitors the number of bulk raw water projects completed within a given financial year.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	When all project construction is finalized the project is handed over for operations and maintenance to deliver water to the targeted recipients. The practical completion certificates that indicate the project is operating will be kept.
Method of calculation	The following project will be completed: • Hazelmere
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	No
Desired performance	1 bulk raw water project completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.4: Number of mega regional bulk infrastructure project phases under construction

Indicator title	Number of mega regional bulk infrastructure project phases under construction
Short definition	This monitors the number of mega water and wastewater services project phases under construction within a given financial year implemented through the regional bulk infrastructure programme.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the mega regional bulk infrastructure project phases under construction as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	15 mega regional bulk infrastructure project phases under construction
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.5: Number of mega regional bulk infrastructure project phases completed

Indicator title	Number of mega regional bulk infrastructure projects phases completed
Short definition	This monitors the number of mega water and wastewater services project phases completed within a given financial year implemented through the regional bulk infrastructure programme.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	When all project construction is finalized the project is handed over for operations and maintenance to deliver water to the targeted recipients. The practical completion certificates that indicate the projects are operating will be kept.
Method of calculation	The following projects will be completed: • Jozini (Pongolapoort) BWS • King Sabata Dalindyebo phase 2 of 2 • Sebokeng WWTW phase 1 of 2
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	3 mega regional bulk infrastructure projects phases completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.6: Number of large regional bulk infrastructure project phases under construction

Indicator title	Number of large regional infrastructure project phases under construction
Short definition	This monitors the number of large water and wastewater services project phases under construction within a given financial year implemented through the regional bulk infrastructure programme.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the large water and wastewater services projects under construction as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	53 regional infrastructure project phases under construction
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.7: Number of large regional infrastructure project phases completed

Indicator title	Number of large regional bulk infrastructure project phases completed
Short definition	This monitors the number of large water and wastewater services project phases completed within a given financial year implemented through the regional bulk infrastructure programme.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	When all project construction is finalized the project is handed over for operations and maintenance to deliver water to the targeted recipients. The practical completion certificates that indicate the projects is operating will be kept.
Method of calculation	This will be the list as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	26 large regional bulk infrastructure project phases completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.8: Number of small regional bulk infrastructure project phases under construction

Indicator title	Number of small regional bulk infrastructure project phases under construction
Short definition	This monitors the number of small water and wastewater services project phases under construction within a given financial year implemented through the through the regional bulk infrastructure programme
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country's bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the small regional bulk infrastructure project phases under construction as specified
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	41 small regional bulk infrastructure project phases under construction
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.9: Number of small regional bulk infrastructure project phases completed

Indicator title	Number of small regional bulk infrastructure project phases completed
Short definition	This monitors the number of small water and wastewater services project phases completed within a given financial year implemented through the regional bulk infrastructure programme.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	When all project construction is finalized the project is handed over for operations and maintenance to deliver water to the targeted recipients. The practical completion certificates that indicate the projects are operating will be kept.
Method of calculation	This will be the small regional bulk infrastructure project phases completed as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	20 regional bulk infrastructure project phases completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.10: Number of small ACIP projects under construction

Indicator title	Number of small ACIP projects under construction
Short definition	This monitors the number of small water and wastewater services projects under construction within a given financial year implemented through the Accelerated Community Infrastructure programme
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the small ACIP projects under construction as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	55 small regional bulk infrastructure projects under construction
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.11: Number of small ACIP projects completed

Indicator title	Number of small ACIP projects completed
Short definition	This monitors the number of small water and wastewater services projects completed within a given financial year implemented through the Accelerated Community Infrastructure programme
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the small ACIP projects completed as specified
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	55 small regional bulk infrastructure projects completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.12: Number of small WSIG projects under construction

Indicator title	Number of small WSIG projects under construction
Short definition	This monitors the number of small water and wastewater services projects under construction within a given financial year implemented through the Water Services Infrastructure Grant
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the small WSIG projects under construction as specified. Due to the misalignment of the financial year between the national and local government spheres, the finalised project list adopted by water service authorities will be provided when the budget is allocated.
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	182 small WSIG projects under construction
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.3.13: Number of small WSIG projects completed

Indicator title	Number of small WSIG projects completed
Short definition	This monitors the number of small water and wastewater services projects completed within a given financial year implemented through the through the Water Services Infrastructure Grant
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation	This will be the small WSIG projects completed. Due to the misalignment of the financial year between the national and local government spheres, the finalised project list adopted by water service authorities will be provided when the budget is allocated.
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	41 small WSIG projects completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.4.1: Number of dam safety rehabilitation projects completed

Indicator title	Number of dam safety rehabilitation projects completed
Short definition	This monitors the number of dam safety rehabilitation projects completed within a given financial year through the implementation of the dam safety rehabilitation programme.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	When all project construction is finalized the project is handed over for operations and maintenance to deliver water to the targeted recipients. The hand over certificates for completed projects will be kept.
Method of calculation	The following project will be completed: • Roodekoppies dam
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	1 dam safety rehabilitation projects completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.4.2: Percentage of projects completed as per AMP aligned maintenance plan (planned maintenance)

Indicator title	Percentage of projects completed as per AMP aligned maintenance plan (planned maintenance)
Short definition	This measures the extent in which the department complies with its planned infrastructure assets maintenance (i.e. civil, electrical and mechanical) as per the asset management plan.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	AMP aligned Maintenance Plan for the financial year
Method of calculation	If the number of completed planned maintenance projects is given the value “x” and the annual number of planned maintenance projects in the AMP is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	90% projects completed as per AMP aligned maintenance plan (planned maintenance)
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.4.3: Percentage unscheduled maintenance projects completed as a proportion of planned maintenance projects

Indicator title	Percentage unscheduled maintenance projects completed as a proportion of planned maintenance projects
Short definition	This measures the proportion of unplanned or unscheduled maintenance projects against the planned maintenance projects defined in the AMP, with a view to decrease it over time as the benefits of the planned maintenance schedule are realised.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured. Unplanned or unscheduled maintenance needs will arise as a result of numerous factors beyond the department’s control. However, its proportion against the planned maintenance projects defined in the AMP should decrease over time as the benefits of consistent planned maintenance are realised.
Source / collection of data	AMP aligned Maintenance Plan for the financial year
Method of calculation	If the number of completed unplanned maintenance projects is given the value “x” and the annual number of planned maintenance projects in the AMP is given the value “y” the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	≤10% projects completed
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.4.4: Number of kilometres of conveyance systems rehabilitated per annum

Indicator title	Number of kilometres of conveyance systems rehabilitated per annum
Short definition	This monitors the rehabilitation of water conveyance systems that were identified to be in a state of disrepair.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires that the maintenance and supply availability of the country’s bulk water resources infrastructure, including dams and inter-basin transfers, bulk water reticulation and wastewater systems is ensured.
Source / collection of data	A list of all water conveyance projects (i.e. sections) is maintained and completion reports on maintenance projects by project manager.
Method of calculation	Number of kilometres of conveyance systems that have been rehabilitated during the financial year
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	15 km of conveyance systems rehabilitated
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 3.4.1: Number of job opportunities created through implementing infrastructure projects

Indicator title	Number of job opportunities created through implementing infrastructure projects
Short definition	This monitors the number of direct job opportunities created through implementing water augmentation, water services and dam safety rehabilitation infrastructure projects.
Purpose / importance	Outcome 4 on “Decent employment through inclusive growth” requires that the infrastructure built programmes contribute to the creation of work opportunities to provide short term relief for the unemployed.
Source / collection of data	A list of all created job opportunities is maintained.
Method of calculation	This will be the actual number of job opportunities created. The formula used for targeting the number of job opportunities is as follows: $\text{Direct job opportunities} = \frac{(30\% \text{ of construction budget} - \text{material budget})}{40\,000}$
Data limitations	Data accuracy
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	2 800 job opportunities created through implementing infrastructure projects
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.5.1: Number of existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services per year

Indicator title	Number of existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services per year
Short definition	This monitors the number of existing buckets eradicated in formal settlements and replaced with a basic sanitation facility which is easily accessible to household members, has the necessary operational support for the safe removal of human waste and black and / or grey water from the premises where this is appropriate and necessary, and promotes the communication of good sanitation, hygiene and related practices.
Purpose / importance	Outcomes 8 on “Sustainable human settlements and improved quality of household life” and 9 on “Responsive, accountable, effective and efficient local government” require departments to lay the foundations for sustainable and reliable access to basic services, particularly in weaker municipalities which have the highest unmet demand for basic services.
Source / collection of data	A list of municipalities with existing bucket sanitation systems is maintained
Method of calculation	This will be the number of existing buckets eradicated within the financial year
Data limitations	Data accuracy
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	25 382 existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 2.5.2: Number of rural households served to eradicate sanitation backlogs as per norms and standards

Indicator title	Number of rural households served to eradicate sanitation backlogs as per norms and standards
Short definition	This monitors the number of rural households served through the rural household infrastructure programme to ensure that they have adequate sanitation services that is easily accessible to household members, has the necessary operational support for the safe removal of human waste and black and / or grey water from the premises where this is appropriate and necessary, and promotes the communication of good sanitation, hygiene and related practices.
Purpose / importance	Outcomes 8 on “Sustainable human settlements and improved quality of household life” and 9 on “Responsive, accountable, effective and efficient local government” require departments to lay the foundations for sustainable and reliable access to basic services, particularly in weaker municipalities which have the highest unmet demand for basic services.
Source / collection of data	A list of households served through the rural household infrastructure programme is maintained.
Method of calculation	This will be the number of households served within the financial year
Data limitations	Data accuracy
Type of indicator	Non-cumulative
Calculation type	Quarterly
Reporting cycle	No
Is it a new indicator?	No
Desired performance	10 032 rural households served to eradicate sanitation backlogs as per norms and standards
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 3.2.1: Number of resource poor farmers financially supported to enhance access to water

Indicator title	Number of resource poor farmers financially supported to enhance access to water
Short definition	This monitors the number of resource poor farmers provided with financial subsidies (e.g. for operations and maintenance of waterworks used for irrigation) to implement water related projects within the financial year.
Purpose / importance	This supports outcome 7 on “Vibrant, equitable, sustainable rural communities contributing towards food security for all” by addressing water related and food insecurity challenges especially the emerging black farmers.
Source / collection of data	A list of subsidised resource poor farmers is maintained
Method of calculation	This is the number of resource poor farmers as described in the list that will be consolidated to produce quarterly figures
Data limitations	Data accuracy
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	706 resource poor farmers financially supported to enhance access to water
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 3.2.2: Number of tanks installed to harvest water for food production and other household productive use

Indicator title	Number of tanks installed to harvest water for food production and other household productive use
Short definition	This indicator monitors the number of households in which water tanks will be installed for food production and other household productive uses (e.g. livestock watering, laundry, toilet flushing etc.) per annum. An installed tank should be securely fitted onto a base and have a securely anchored tap that does not leak. In the case where it will be used to harvest rainwater, it is considered installed once it is connected to a gutter with a downpipe.
Purpose / importance	Enhance the provision of water at household level for various household productive uses.
Source / collection of data	A list containing the households where rainwater harvesting tanks are installed is maintained
Method of calculation	This will be the number of households where water tanks are installed.
Data limitations	Data accuracy
Type of indicator	Impact
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	1 500 tanks installed to harvest water for food production and other household productive use
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

PPI No 3.2.3: Number of job opportunities created through the Resource Poor Farmer and Water Harvesting programmes

Indicator title	Number of job opportunities created through the Resource Poor Farmer and Water Harvesting programmes
Short definition	This monitors the number of direct job opportunities created through implementing the resource poor farmer and water harvesting programmes
Purpose / importance	Outcome 4 on “Decent employment through inclusive growth” requires that the infrastructure built programmes contribute to the creation of work opportunities to provide short term relief for the unemployed.
Source / collection of data	A list of all created job opportunities is maintained.
Method of calculation	This will be the actual number of job opportunities created. The formula used for targeting the number of job opportunities is as follows: $\text{Direct job opportunities} = \frac{(30\% \text{ of construction budget} - \text{material budget})}{40\,000}$
Data limitations	Data accuracy
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	247 job opportunities created through the Resource Poor Farmer and Water Harvesting programmes
Indicator responsibility	Deputy Director-General: National Water Resource Infrastructure

Programme 4: Water Sector Regulation

PPI No 1.1.1: Number of wastewater systems assessed for compliance with the Green Drop Regulatory standards

Indicator title	Number of wastewater systems assessed for compliance with the Green Drop Regulatory standards
Short definition	This assesses the performance of wastewater systems owned or managed by water service institutions against the relevant legislations and best practice requirements that have been defined in the Green Drop regulatory standards.
Purpose / importance	Outcome 10 on “Protect and enhance our environmental assets and natural resources” require the protection of water resources. In addition, the intention is to identify and develop the core competencies required by the sector to gradually and sustainably improve the level of wastewater management in the country.
Source / collection of data	Water services databases, water service authorities databases, accredited laboratories
Method of calculation	This will be the number of wastewater systems assessed as specified.
Data limitations	Lack of and / incomplete data
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	No
Desired performance	963 wastewater systems assessed for compliance with the Green Drop Regulatory standards
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.2: Number of non-compliant wastewater systems monitored against the Green Drop Regulatory tool

Indicator title	Number of non-compliant wastewater systems monitored against the Green Drop Regulatory tool
Short definition	This is the monitoring of the wastewater systems owned or managed by water service institutions that were found to be non-compliant.
Purpose / importance	Outcome 10 on “Protect and enhance our environmental assets and natural resources” require the protection of water resources. In addition, the intention is to identify and develop the core competencies required by the sector to gradually and sustainably improve the level of wastewater management in the country.
Source / collection of data	Green Drop system and reports
Method of calculation	This will be the number of wastewater systems assessed as specified.
Data limitations	Lack of and / incomplete data
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	260 non-compliant wastewater systems monitored against the Green Drop Regulatory tool
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.3: Number of water supply systems assessed for compliance with Blue Drop Regulatory standards

Indicator title	Number of water supply systems assessed for compliance with Blue Drop Regulatory standards
Short definition	This assesses the performance of water supply systems owned or managed by water service institutions for compliance with the South African National Standard 241 drinking water quality standards.
Purpose / importance	Enhancing the regulation of water services authorities in the provision of basic water supply.
Source / collection of data	Water services databases, water service authorities databases, accredited laboratories
Method of calculation	This will be the number of water supply systems assessed as specified.
Data limitations	Lack of and / incomplete data
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	No
Desired performance	1 036 water supply systems assessed for compliance with Blue Drop Regulatory standards
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.4: Number of non-compliant water supply systems monitored against the Blue Drop Regulatory tool

Indicator title	Number of non-compliant water supply systems monitored against the Blue Drop Regulatory tool
Short definition	This is the monitoring of the water supply systems owned or managed by water service institutions that were found to be non-compliant
Purpose / importance	Enhancing the regulation of water services authorities in the provision of basic water supply
Source / collection of data	Blue Drop system and reports
Method of calculation	This will be the number of water supply systems assessed as specified.
Data limitations	Lack of and / incomplete data
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	250 non-compliant water supply systems monitored against the Blue Drop Regulatory tool
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.5: Number of dams evaluated for compliance with dam safety regulations by Approved Professional Persons (APPs)

Indicator title	Number of dams evaluated for compliance with dam safety regulations by Approved Professional Persons (APPs)
Short definition	This is the monitoring of the dam safety evaluations by Approved Professional Persons (APP) on behalf of dam owners as required by Dam Safety Regulation 35 (1) of Government Notice R.139 of 24 February 2012. The regulations allow for an interval of between five (5) and ten (10) years depending on the dam condition, with an average interval of 7.5 years deemed acceptable. Dam owners are given a buffer period (i.e. grace period) of nine (9) months from the inspection date to submit the reports to the Department regardless of the financial year. Therefore, the date of receipt is the basis for reporting the number of dams evaluated.
Purpose / importance	Monitoring the safety of dams for the protection of the population, the economy and water resources as they contribute to the equitable provision of water supply in the country.
Source / collection of data	A Dam Safety Office database contains a record of all instructions, target dates, dates received, dates accepted, registration and classification details.
Method of calculation	This will be the number of dam safety evaluations report received from APPs. Although the provided list contains 496 dams that are due for evaluations/ inspections, the previous trend is 50% of the identified evaluations occur during a financial year owing to limited number of APPs and very high inspection costs. The department has therefore targeted to receive 32% (i.e. 160 of 496) from the identified list.
Data limitations	Data completeness owing to limited number of APPs and very high inspection costs
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	160 dams evaluated for compliance with dam safety regulations by Approved Professional Persons (APPs)
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.6: Number of water users monitored for compliance

Indicator title	Number of water users monitored for compliance
Short definition	This monitors the compliance of water users (within the public, mining, industrial, agricultural and forestry sectors) with legislation, standards, water use entitlements and regulations.
Purpose / importance	Enhancing the protection of water resources and reducing illegal activities that impact on the health of aquatic ecosystems
Source / collection of data	Water use entitlements and compliance inspection reports
Method of calculation	This is the actual number of water users compliance evaluations conducted within the financial year. Though specific water users are targeted, operational needs may see deviations from water users selected for inspection (i.e. substitutions)
Data limitations	Data completeness and access to water users information
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	384 water users monitored for compliance
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.7: Number of water management institutions monitored for compliance with own water use entitlements and effective monitoring of affiliated water users

Indicator title	Number of water management institutions monitored for compliance with own water use entitlements and effective monitoring of affiliated water users
Short definition	This monitors compliance of water management institutions with their own water use entitlements and how well they perform their regulatory compliance function of ensuring that their affiliated members comply with their water use entitlements. Some water management institutions have water use entitlements issued to themselves in addition to member's water use entitlements.
Purpose / importance	The department has an oversight responsibility to verify that its institutions(e.g. CMAs and water user associations) are performing their compliance function as these WMIs represent a significant number of users.
Source / collection of data	Water use entitlements, inspection reports, 1956 Act and water management institution's constitution.
Method of calculation	This will be the actual number of WMI monitoring reports within the financial year.
Data limitations	One report with multiple users. Report will not reflect in detail individual users performance but will highlight where in-depth auditing might be required
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	31 monitored for compliance with own water use entitlements and effective monitoring of affiliated water users
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.1.8: Percentage of reported non-compliant cases investigated

Indicator title	Percentage of reported non-compliant cases investigated
Short definition	This monitors the actions taken by the department to control unlawful water use through criminal, administrative and civil enforcement.
Purpose / importance	It is essential that actions are taken by the Department to achieve compliance within the regulated community to correct or terminate conditions that put at risk the environment or the public's health.
Source / collection of data	Case Management System, cases reported, compliance monitoring reports and the outcomes of Verification and Validation projects
Method of calculation	If the number of reported cases and routine investigations is given the value "x" and the number of investigated cases is given the value "y" the formula is as follows: $r\% = \frac{x}{y} \times 100$
Data limitations	Lack of regulations, lack of understanding of the legislation by enforcement agencies.
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	80% of reported non-compliant cases investigated
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.5.1: Number of Water Management Areas assessed for Acid Mine Drainage (AMD)

Indicator title	Number of Water Management Areas assessed for Acid Mine Drainage (AMD)
Short definition	This is an assessment of water management areas with mines having a potential to generate AMD
Purpose / importance	To determine the potential of pollution to water systems emanating from mines in specific WMAs, in support of Outcome 10 that requires ecosystems to be sustained and natural resources are used efficiently. In addition, to mitigate the negative environmental impacts in exploitation of mineral resources.
Source / collection of data	Site inspections conducted by the regional offices or catchment management agencies within a WMA
Method of calculation	The Crocodile (West)-Limpopo WMA (i.e. platinum mines having a potential to generate AMD) will be assessed
Data limitations	Not all mines are on a database and some mines are ownerless
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	1 WMA assessed for Acid Mine Drainage (AMD)
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.5.2: Number of Water Management Areas in which mitigation strategies for potential AMD are developed

Indicator title	Number of Water Management Areas in which mitigation strategies for potential AMD are developed
Short definition	This monitors the development of mitigation strategies for WMAs in which potential AMD has been identified.
Purpose / importance	To protect the environmental critical level (ECL) within the assessed WMA in support of Outcome 10 that requires ecosystems to be sustained and natural resources are used efficiently. In addition, to mitigate the negative environmental impacts in exploitation of mineral resources. The mitigation measures are critical to ensuring water quality standards as set by the Department are achieved.
Source / collection of data	Site inspections conducted by the regional offices or catchment management agencies within a WMA
Method of calculation	This will be the Inkomati-Usutu WMA mitigation strategy
Data limitations	Insufficient water quality data as some mines are ownerless
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	1 WMA in which mitigation strategy for potential AMD developed
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.5.3: Completion of the Witwatersrand AMD long term project

Indicator title	Completion of the Witwatersrand AMD long term project
Short definition	This monitors the completion of the implementation plan for the AMD long term solution in the Witwatersrand
Purpose / importance	The successful implementation of the long term solution of AMD in the Witwatersrand will ensure the protection of the Vaal River system.
Source / collection of data	A project implementation plan will be developed with milestones for completing the project
Method of calculation	This will be the Record of Decision
Data limitations	Data completeness
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	EIA completed (i.e. Record of Decision issued)
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 1.5.4: Mine water management technologies assessed

Indicator title	Mine water management technologies assessed
Short definition	This monitors the assessment of mine water technologies (including innovative technologies) for optimising treatment of mine water.
Purpose / importance	The optimisation and reduction of costs in the treatment of mine water nationally
Source / collection of data	A database of potential mine water treatment technologies
Method of calculation	The following technologies will be assessed • Ettringite process • Pacques process • Savmin process • Electrocoagulation • Biosure process
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Yes
Desired performance	Assessment of 5 AMD treatment technologies
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 3.1.1: Percentage of applications for water use authorisation finalised within 300 days

Indicator title	Percentage of applications for water use authorisation finalised within 300 days
Short definition	This monitors the extent in which the department finalises applications for water authorisations within the 300 days of receipt of a complete application.
Purpose / importance	It is essential to monitor the water use authorisations applications to enable socio-economic development and water resource management.
Source / collection of data	A list of water use licence applications is maintained
Method of calculation	If the actual number of applications for water use authorisation finalized within 300 days is provided the value "x" and the total number of received applications acknowledged as complete that should be finalized within 300 days is given the value "y" the formula is as follows: $r\% = \frac{x}{y} \times 100$ Water use authorisation applications received from 17 May 2015 form part of the reporting cycle. <i>Exclusion: The period 15 December to 05 January in any given financial year is excluded from the 300 days as the department is inactive.</i>
Data limitations	Data accuracy
Type of indicator	Outcome
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	80% of complete applications for water use authorisation finalised within 300 days
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.1: Number of public entities annually assessed

Indicator title	Number of public entities annually assessed
Short definition	This monitors the number public entities annually assessed for alignment with the department's strategic goals.
Purpose / importance	To enable effective performance across the water and sanitation sector, shareholder compacts are to be developed with each public entity.
Source / collection of data	Shareholder compacts, business / corporate plans
Method of calculation	This is the actual number of performance assessments conducted
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annual
Is it a new indicator?	Amended
Desired performance	13 annual performance assessments conducted on all public entities • 9 water boards • 2 CMAs • TCTA • WRC
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.2: National Water Infrastructure Agency established

Indicator title	National Water Infrastructure Agency established
Short definition	This indicator monitors the process of developing institutional arrangements for the establishment of a National Water Infrastructure Agency
Purpose / importance	Outcome 6 on "An efficient, competitive and responsive economic infrastructure network" requires the establishment of a National Water Resources Infrastructure Agency to coordinate the funding and development of water infrastructure, as well as enhancing the operations and maintenance thereof.
Source / collection of data	A concept note for the establishment of a National Water Infrastructure Agency.
Method of calculation	This will be the actual output (i.e. Due diligence report for the establishment of the National Water Infrastructure Agency) within the financial year
Data limitations	None
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	Due diligence for the establishment of the National Water Infrastructure Agency finalised
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.3: Number of Catchment Management Agencies gazetted for establishment

Indicator title	Number of Catchment Management Agencies gazetted for establishment
Short definition	This indicator monitors the process of establishing that will assist in the management of water resources at catchment level and enhance stakeholder participation.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires finalising the institutional arrangements for the management of water resources.
Source / collection of data	An approved business plan for the establishment of 9 CMAs
Method of calculation	This will be the actual CMAs gazetted for establishment within the financial year
Data limitations	None
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	3 Catchment Management Agencies gazetted for establishment • Berg Olifants • Mzimvubu-Tsitsikamma • Orange
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.4: Number of regional water and wastewater utilities gazetted for establishment

Indicator title	Number of regional water and wastewater utilities gazetted for establishment
Short definition	This indicator monitors the transitional institutional arrangements between the existing water boards and the proposed regional water utilities.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires finalising the institutional arrangements for the management of water resources. This allows for an interface between the phasing out of existing water boards and the evolution of the regional water utilities.
Source / collection of data	Approved institutional reform and realignment document
Method of calculation	This will be the due diligence report for the KwaZulu-Natal proto-regional water utility
Data limitations	None
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Due diligence for the KwaZulu-Natal proto-regional water utility developed
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.5: Water economic regulator established

Indicator title	Water economic regulator established
Short definition	This monitors the process for establishing an economic regulation institution for the water sector
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires finalising the institutional arrangements for the management of water resources. This institution will regulate water tariffs and thus enhance the country’s economic development and ensure affordable, effective and sustainable water services.
Source / collection of data	Due diligence reports, stakeholder consultation report.
Method of calculation	This will be the actual output (i.e. Business case for the establishment of the independent economic regulator approved) within the financial year
Data limitations	Stakeholder buy-in
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Amended
Desired performance	Approved business case for the establishment of the independent economic regulator
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.6: Water tariffs in the value chain approved

Indicator title	Water tariffs in the value chain approved
Short definition	This measures the process of adopting the raw water charges and bulk water tariffs.
Purpose / importance	Outcome 6 on “An efficient, competitive and responsive economic infrastructure network” requires finalising the institutional arrangements for the management of water resources. This institution will regulate water tariffs and thus enhance the country’s economic development and ensure affordable, effective and sustainable water services.
Source / collection of data	Stakeholder consultation reports.
Method of calculation	The verification process includes • Approved 2018/19 raw water charges • Approved 2018/19 bulk water tariffs tabling to Parliament
Data limitations	Stakeholder buy-in
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	Yes
Desired performance	Raw water charges and bulk tariffs approved
Indicator responsibility	Deputy Director-General: Water Sector Regulation

PPI No 4.2.7: Water pricing regulations implemented

Indicator title	Water pricing regulations implemented
Short definition	This measures the monitoring of the pricing strategy and norms & standards that will strengthen the water management in the country.
Purpose / importance	The revised water pricing strategy provides for the efficient and cost effective equitable allocation of water in the country. The norms and standards form the basis for the required levels of achievement.
Source / collection of data	Current tariff pricing databases, the existing pricing strategy and consultation with stakeholders.
Method of calculation	The verification process includes • Awareness campaign on the approved pricing strategy and norms & standard • Monitoring the implementation of the approved revised pricing strategy as well as norms and standards during the determination of the 2018/19 raw water charges and bulk water tariffs • Evaluation of the revised pricing strategy
Data limitations	None
Type of indicator	Process
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Is it a new indicator?	No
Desired performance	Pricing strategy and norms & standards monitored
Indicator responsibility	Deputy Director-General: Water Sector Regulation

Appendix 4:

Additional details for programme performance indicators



Programme 2: Water Planning and Information Management

PPI No 1.3.2: Number of rivers in which the river eco-status monitoring programme is implemented

PROTO-CMA	NO	NAMES	FREQUENCY OF MONITORING			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Vaal	10	Lower Vaal	10	10	10	10
		Harts	Lower Vaal	Lower Vaal	Lower Vaal	Lower Vaal
		Blesbokspruit	Harts	Harts	Harts	Harts
		Wilge	Blesbokspruit	Blesbokspruit	Blesbokspruit	Blesbokspruit
		Natalspruit	Wilge	Wilge	Wilge	Wilge
		Suikerbosrand	Natalspruit	Natalspruit	Natalspruit	Natalspruit
		Renoster	Suikerbosrand	Suikerbosrand	Suikerbosrand	Suikerbosrand
		Vals	Renoster	Vals	Renoster	Renoster
		Vet	Vals	Vet	Vals	Vals
		Sand	Vet	Sand	Vet	Vet
			Sand		Sand	Sand
Limpopo North West	13	Luvuvhu	6	7	6	7
		Mutale	Luvuvhu	Nwanedi	Luvuvhu	Nwanedi
		Matlabas	Mutale	Nzhelele	Mutale	Nzhelele
		Hennops	Matlabas	Lephalale	Matlabas	Lephalale
		Apies	Hennops	Crocodile	Hennops	Crocodile
		Jukskei	Apies	Groot Marico	Apies	Groot Marico
		Nwanedi	Jukskei	Molopo	Jukskei	Molopo
		Nzhelele		Magalies		Magalies
		Lephalale				
		Crocodile				
		Groot Marico				
		Molopo				
		Magalies				
Orange	4	Caledon	4	4	4	4
		Modder	Caledon	Caledon	Caledon	Caledon
		Riet	Modder	Modder	Modder	Modder
		Orange	Riet	Riet	Riet	Riet
			Orange	Orange	Orange	Orange
Mzimvubu-Tsitsikamma	25	Kowie	25	25	25	25
		Kromme	Kowie	Kowie	Kowie	Kowie
		Swartkops	Kromme	Kromme	Kromme	Kromme
		Bloukrans	Swartkops	Swartkops	Swartkops	Swartkops
		Lottering	Bloukrans	Bloukrans	Bloukrans	Bloukrans
		Elands	Lottering	Lottering	Lottering	Lottering
		Elandsbos	Elands	Elands	Elands	Elands
		Storms	Elandsbos	Elandsbos	Elandsbos	Elandsbos
		Groot East	Storms	Storms	Storms	Storms
			Groot East	Groot East	Groot East	Groot East

PROTO-CMA	NO	NAMES	FREQUENCY OF MONITORING			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
		Kouga/ Gamtoos	Kouga/ Gamtoos	Kouga/ Gamtoos	Kouga/ Gamtoos	Kouga/ Gamtoos
		Mthatha	Mthatha	Mthatha	Mthatha	Mthatha
		Shixini	Shixini	Shixini	Shixini	Shixini
		Mngazi	Mngazi	Mngazi	Mngazi	Mngazi
		Mngazana	Mngazana	Mngazana	Mngazana	Mngazana
		Mnenu	Mnenu	Mnenu	Mnenu	Mnenu
		Mzintlava	Mzintlava	Mzintlava	Mzintlava	Mzintlava
		Great kei	Great kei	Great kei	Great kei	Great kei
		Keiskamma	Keiskamma	Keiskamma	Keiskamma	Keiskamma
		Buffalo	Buffalo	Buffalo	Buffalo	Buffalo
		Mbashe	Mbashe	Mbashe	Mbashe	Mbashe
		Chalumna	Chalumna	Chalumna	Chalumna	Chalumna
		Kwelera	Kwelera	Kwelera	Kwelera	Kwelera
		Mzimvubu	Mzimvubu	Mzimvubu	Mzimvubu	Mzimvubu
		Nahoon	Nahoon	Nahoon	Nahoon	Nahoon
		Gonubie	Gonubie	Gonubie	Gonubie	Gonubie
Berg- Olifants	2	Olifants-Doring Berg	0	0	1 Olifants-Doring	1 Berg
Phongola- Mzimkhulu	16	Mngeni	16	16	16	16
		Mlazi	Mngeni	Mngeni	Mngeni	Mngeni
		Matigulu	Mlazi	Mlazi	Mlazi	Mlazi
		Mfolozi	Matigulu	Matigulu	Matigulu	Matigulu
		Mhlathuze	Mfolozi	Mfolozi	Mfolozi	Mfolozi
		Thukela	Mhlathuze	Mhlathuze	Mhlathuze	Mhlathuze
		Mkhuze	Thukela	Thukela	Thukela	Thukela
		Mdloti	Mkhuze	Mkhuze	Mkhuze	Mkhuze
		Mkhomazi	Mdloti	Mdloti	Mdloti	Mdloti
		Mzimkhulu	Mkhomazi	Mkhomazi	Mkhomazi	Mkhomazi
		Phongola	Mzimkhulu	Mzimkhulu	Mzimkhulu	Mzimkhulu
		Hluhluwe	Phongola	Phongola	Phongola	Phongola
		Mvoti	Hluhluwe	Hluhluwe	Hluhluwe	Hluhluwe
		Thongathi	Mvoti	Mvoti	Mvoti	Mvoti
		Lovu	Thongathi	Thongathi	Thongathi	Thongathi
		Mtamvuma	Lovu	Lovu	Lovu	Lovu
			Mtamvuma	Mtamvuma	Mtamvuma	Mtamvuma
Olifants	1	Olifants	1 Olifants	1 Olifants	1 Olifants	1 Olifants
Total	71		62	63	63	64

PPI No 2.1.2: Number of district municipalities with completed 5 year water and sanitation services master plans

District municipality		District municipality	
1	Amajuba	2	uThungulu
3	uMgungundlovu	4	Joe Gqabi
5	Alfred Nzo	6	Ngaka Modiri Molema
7	Mopani	8	West Rand
9	iLembe	10	Ugu
11	uThukela	12	Zululand
13	Chris Hani	14	Capricorn
15	Waterberg	16	Dr Ruth Segomotsi Mompati
17	Sisonke		

PPI No 2.1.3: Number of Water Services Authorities (WSAs) audited on Water and Sanitation delivery performance

No	Quarter 1	Quarter 2	Quarter 3	Quarter 4
1	Mier LM	Lephalale LM	Mogale City LM	Camdeboo LM
2	!Kai! Garib LM	Mogalakwena LM	Rand West City	Blue Crane Route LM
3	//Khara Hais LM	Thabazimbi LM	Merafong City LM	Ikwezi LM
4	!Kheis LM	Modimolle LM	Nokeng tsa Taemane LM	Makana LM
5	Tsantsabane LM	Bela-Bela LM	Kungwini LM	Ndlambe LM
6	Kgatelopele LM	Ventersdorp LM	Emfuleni LM	Sunday's River Valley LM
7	Sol Plaatjie LM	Potchefstroom LM	Midvaal LM	Baviaans LM
8	Dikgatlong LM	Matlosana LM	Lesedi LM	Kouga LM
9	Magareng LM	Maquassi Hills LM	The Msunduzi LM	Kou-Kamma LM
10	Phokwane LM	Merafong City LM	Newcastle LM	Buffalo City LM
11	Matzikama LM	Richtersveld LM	uMhlathuze LM	Mangaung LM
12	Cederberg LM	Bergrivier LM	-	Mantsopa LM

PPI No 2.1.4: Number of WSAs assessed for socio-economic impact

Quarter 1 (Apr – Jun) 2017	Quarter 2 Jul – Sept) 2017	Quarter 3 (Oct – Dec) 2017	Quarter 4 (Jan – Mar) 2018
38 WSAs assessed April (13 WSAs) • Kheis • Dawid Kruiper • Emthanjeni • Hantam • Kai !Garib • Kamiesberg • Kareeberg • Karoo Hoogland • Kgatelopele • Khai-Ma • Nama Khoi • Renosterberg • Richtersveld May (12 WSAs) • Thembelihle • Tsantsabane • Ubuntu • Umsobomvu • Dihlabeng • Mafube • Maluti a Phofung • Mangaung Metropolitan • Mantsopa • Masilonyana • Metsimaholo • Moqhaka June (13 WSAs) • Nala • Ngwathe • Nketoana • Phumelela • Setsoto • Tokologo • Tswelopele • Matjhabeng • Bela-Bela • Capricorn • Lephalale • Modimolle/Mookgopong • Mogalakwena	39 WSAs assessed July (13 WSAs) • Mopani • Polokwane • Sekhukhune • Thabazimbi • Vhembe • City of Johannesburg Metropolitan • City of Tshwane Metropolitan • Ekurhuleni Metropolitan • Emfuleni • Lesedi • Midvaal • Alfred Nzo • Amathole August (13 WSAs) • Blue Crane Route • Buffalo City Metropolitan • Camdeboo • Chris Hani • Joe Gqabi • Kouga • Kou-Kamma • Makana • Ndlambe • Nelson Mandela Bay Metropolitan • O.R. Tambo • Sundays River Valley • Amajuba September 13 WSAs • eThekweni Metropolitan • iLembe • Newcastle • Harry Gwala (Sisonke) • The Msunduzi • Ugu • UMgungundlovu • uMhlathuze • Umkhanyakude • Umzinyathi • Uthukela • King Cetshwayo (Uthungulu) • Zululand	31 WSAs assessed October (13 WSAs) • City of Matlosana • Kgetlengrivier • Madibeng • Maquassi Hills • Moretele • Moses Kotane • Rustenburg • Tlokwe City Council/ Ventersdorp • Beaufort West • Bergrivier • Bitou • Breede Valley • Cape Agulhas November (9 WSAs) • Cederberg • City of Cape Town Metropolitan • Drakenstein • George • Hessequa • Kannaland • Knysna • Laingsburg • Langeberg December (9 WSAs) • Matzikama • Mossel Bay • Oudtshoorn • Overstrand • Prince Albert • Saldanha Bay • Stellenbosch • Swartland • Swellendam	19 WSAs assessed January (7 WSAs) - Theewaterskloof - Witzenberg - Albert Luthuli - Bushbuckridge - Dipaleseng - Dr JS Moroka - Emakhazeni February (12 WSAs) • Emalahleni • Govan Mbeki • Lekwa • City of Mbombela • Mkhondo • Msukaligwa • Nkomazi • Pixley ka Seme • Steve Tshwete • Thaba Chweu • Thembisile • Victor Khanye

PPI No 2.2.2: Number of completed feasibility studies for water and wastewater services projects (RBIG)

District municipality		District municipality	
1	Mantsopa bulk sewer (Ladybrand)	2	Spioenkop to Ladysmith BWS
3	Greater Bulwer Donnybrook Water Scheme Phase 2	4	Lephalale - Bulk Water Augmentation
5	Northern Nsikazi	6	Kakamas Wastewater treatment works
7	Coffee Bay Water Treatment Works	8	Matjhabeng Bulk sewer(Welkom)
9	Masilonyana Bulk sewer (Brandfort and Winburg)	10	Ngagane Bulk Water Supply
11	Provincial High Catalytic Projects - Mutash Hub	12	Msukaligwa regional water supply scheme (Phase 3)
13	Balfour WWTW	14	Kinira Regional BWSS
15	Belmont WWTW	16	Ntabankulu Bulk Water Supply
17	Mkeman Regional Bulk WSS	18	Reitz Upgrading WWTP
19	Mandlakazi BWS Phase 5	20	Cunningmore to Newington BWS
21	Britstown Oxidation Ponds	22	Syferfontein

PPI No 2.2.3: Number of completed implementation readiness studies for water and wastewater services projects (RBIG)

District municipality		District municipality	
1	Greater Mpofana Phase 1-3	2	Spioenkop to Ladysmith BWS
3	Empuluzi and Methula Bulk water scheme	4	Trompsburg bulk sewer
5	Mantsopa bulk sewer (Ladybrand)	6	Sedibeng Bulk Regional Sewerage Scheme
7	Nzhelele Valley Bulk Water Supply	8	Matoks Regional Water Scheme
9	Eerstehoek/Ekulindeni Bulk Water Supply	10	Northern Nsikazi
11	Greater Bulwer Donnybrook Water Scheme Phase 2	12	Provincial High Catalytic Projects - Mutash Hub
13	Lephalale - Bulk Water Augmentation	14	Balfour WWTW
15	Kathu Bulk Water Supply	16	Kakamas Wastewater treatment works
17	Kagisano Molopo Bulk Water Supply	18	Chris Hani DM Cluster 7
19	Cookhouse WWTW	20	Ngqamakhwe Bulk Water Supply
21	Syferfontein	22	Mandlakazi BWS Phase 5
23	Ngagane Bulk Water Supply	24	Britstown Oxidation Ponds
25	Calitzdorp Waste Water Treatment Works		

Programme 3: Water Infrastructure Development

PPI No 2.3.4: Number of mega regional bulk infrastructure project phases under construction

Province	Number	Project names
Schedule 5B		
KZN	4	• Ngcebo Bulk Water Supply Scheme (BWS) • Greater Mthonjaneni BWS phase 2 • UMshwathi BWS Phase 3 • Spioenkop to Ladysmith BWS (Driefontein phase 3)
Schedule 6B		
EC	1	OR Tambo King Sabata Dalindyebo (KSD) Water Supply Phase 2 of 2
GP	4	• Sebokeng Wastewater Treatment Works (WWTW) Phase 1 of 2 • Sebokeng Wastewater Treatment Works Phase 2 of 2 • Sedibeng Wastewater Treatment works – Rietspruit and Leeuwkuil WWTW • Westonaria WWTW Phase 2 (Zuurbekom)
KZN	1	Jozini (Pongolapoort) BWS (pipeline)
LP	4	• Mogalakwena BWS Phase 1 of 2 • Giyani Water Supply Phase 1 (Emergency) • Polokwane BWS Phase 1 • Polokwane WWTW Phase 1
NC	1	• Vaal Gamagara BWS Phase 1 of 2
Grand total	15	

No 2.3.6: Number of large regional bulk infrastructure project phases under construction

Province	Number	Project names
Schedule 6B		
EC	7	• Ndlambe bulk water supply phase 1 • Cluster 4 Chris Hani DM phase 2 of 2 • Cluster 6 Chris Hani DM • Cluster 9 Chris Hani DM • Xonxa BWS • Xhora BWS • Refurbishment of 6 existing plants and downstream infrastructure (Binfield water treatment works (WTW), Masincedane WTW, Debe WTW, and Sandile WTW)
FS	6	• Tokologo BWS Phase 2 of 2 • Masilonyana BWS Phase 2 of 2 • Nketoana BWS Phase 1 of 2 • Ngwathe Bulk Water Supply Phase 3 of 3 • Ngwathe Bulk Sewer Phase 2 of 2 (Parys) • Welbedacht pipeline (Mangaung)
GP	1	• Meyerton wastewater treatment works
KZN	6	• Driefontein Indaka BWS • Greytown BWS Phase 2 • Nongoma BWS • Middledrift BWS • Mandlakazi BWS Phase 5 • Maphumulo BWS Phase 3
LP	15	• Sekhukhune BWS Phases 7 to 15 (i.e. 9 Phases) • Moutse BWS Phase 1 and 5 (i.e. 2 Phases) • Giyani BWS - Drought Relief • Mametja Sekororo BWS Phase 1 of 2 • Sinthumule Kutama BWS Augmentation Phase 3 of 3 • Nebo BWS
MP	4	• Northern Nsikazi BWS Phase 1 of 2 • Emalahleni BWS Phase 3 of 4 • Musikaligwa / Driekoppies BWS Phase 1 of 3 • Balfour/ Siyathemba BWS Phase 1 of 4
NC	1	• Namakwa BWS Phase 2
NW	11	• Madibeng BWS Phase 2 • Pilanesberg BWS Phase 2 and Phase 3 (i.e. 2 phases) • Ratlou BWS Phase 1 (Setlagole) and Phase 2 (Madibogo) (i.e. 2 phases) • Mafikeng South BWS Phase 2 (upgrade WTW) • Greater Mamusa BWS Phase 2 (Abstraction Bloemhof) and Phase 3 (Upgrade of WTW) (i.e. 2 phases) • Taung Naledi BWS Phase 2D • Moretele South BWS Phase 1 (Klipdrift) and Phase 2 (Babelegi) (i.e. 2 phases)
WC	2	• Stellenbosch WWTW Phase 2 of 2 • Paarl Bulk Sewer Phase 3 of 3
Grand total	53	

No 2.3.7: Number of large regional bulk infrastructure project phases completed

Province	Number	Project names
Schedule 6B		
EC	5	• Ndlambe BWS phase 1 • Xhora BWS • Xonxa BWS • Cluster 6 Chis Hani DM • Cluster 4 Chris Hani DM
LP	12	• Sekhukhune BWS Phases 7 to 15 (i.e. 9 phases) • Moutse BWS Phases 1 and 5 (i.e. 2 phases) • Mamefja Sekororo BWS Phase 1 of 2
MP	4	• Northern Nsikazi BWS Phase 1 of 2 • Emalahleni BWS Phase 3 of 4 • Musikaligwa / Driekoppies BWS Phase 1 of 3 • Balfour/ Siyathemba BWS Phase 1 of 4
NW	4	• Ratlou BWS Phase 1 (Setlagole) • Greater Mamusa BWS Phase 2 (Abstraction Bloemhof) • Mafikeng South BWS Phase 2 (upgrade WTW) • Moretele South BWS Phase 1 (Klipdrift)
WC	1	• Paarl Bulk Sewer Phase 3 of 3
Grand total	26	

No 2.3.8: Number of small regional bulk infrastructure project phases under construction

Province	Number	Project names
Schedule 6B		
EC	8	• Matatiele BWS • Middleburg Ground Water Supply • Graaf Reinet GWS • James Kleynhans BWS • Sundays River BWS • Mount Ayliff Peri-urban water supply • Makana Bulk Sewer • Mayfield WWTW
FS	11	• Tswelopele BWS • Mantsopa BWS Phase 1 of 2 • Phumelela BWS Phase 2 of 2 • Setsoto BWS Phase 2 of 4 • Rouxville/ Smithfield/ Zastron BWS (Mohokare BWS) • Maluti-a-Phofung BWS Phase 2 of 4 • Maluti-a-Phofung BWS Phase 3 of 4 • Metsimaholo Bulk Sewer • Mafube Bulk Sewer Phase 1 of 2 (Frankfort) • Mafube Bulk Sewer Phase 2 of 2 (Frankfort) • Moqhaka Bulk Water Supply (Steynrus) Phase 1 of 2
MP	7	• Hoxani WTW • Sibange BWS Phase 1 of 2 • Lushushwane BWS Phase 1 of 2 • Upgrading of Balfour WWTW phase 2 of 2 • Upgrading of Delmas WWTW Phase 2 of 2 • Amsterdam WWTW Phase 1 of 2 • Bushbuckridge Water Services (Cunningmore)
NC	11	• Loeriesfontein BWS Phase 1 (pipeline) and Phase 2 (reservoir) (i.e. 2 phases) • Van Wyksvlei Groundwater Phase 1 (pipeline upgrade) and Phase 2 (boreholes) (i.e. 2 phases) • Windsorton to Holpan BWS Phase 1 (pipeline) and Phase 2 (reservoir) (i.e. 2 phases) • Rietchie Phase 1 (pipeline) and Phase 2 (reservoir) (i.e. 2 phases) • Kameelmond/ Upington WWTW Phase 1 (ponds) • Warrenton WTW Phase 1 (ponds) • De Aar Boreholes Phase 1
NW	3	• Wolmaransstad WWTW • Koster WWTW • Tlokwe WTW Phase 1 (Potchefstroom)
WC	1	• Citrusdal WWTW Phase 2 of 2
Grand total	41	

No 2.3.9: Number of small regional bulk infrastructure project phases completed

Province	Number	Project names
Schedule 6B		
EC	4	• Middleburg Ground Water Supply • Sundays River BWS • Matatiele BWS • James Kleynhans BWS
FS	5	• Mafube Bulk Sewer Phase 1 of 2 • Moqhaka Bulk Water Supply (Steynrus) Phase 1 of 2 • Tswelopele BWS • Rouxville/ Smithfield/ Zastron BWS (Mohokare BWS) • Maluti-a-Phofung BWS Phase 2 of 4
MP	7	• Hoxani WTW • Sibange BWS Phase 1 of 2 • Lushushwane BWS Phase 1 of 2 • Upgrading of Balfour WWTW phase 2 of 2 • Upgrading of Delmas WWTW Phase 2 of 2 • Amsterdam WWTW Phase 1 of 2 • Bushbuckridge Water Services (Cunningmore)
NW	3	• Wolmaransstad WWTW • Koster WWTW • Tlokwe WTW Phase 1 (Potchefstroom)
WC	1	• Citrusdal WWTW Phase 2 of 2
Grand total	20	

PPI No 2.3.10 and PPI No 2.3.11: Number of small ACIP projects under construction and completed

Water Conservation and Demand Management				
District Munic.	WSA funded.	Project Name	Project Description	Budget
Eastern Cape				
EC1506-Sunday River Valley	Sundays river Local municipality	Sundays River WCDM	The project entails the implementation of water conservation and demand management systems in the Moses Mabida, Emsengeni, Aqua Park and Bergsig township areas in Kirkwood which are currently experiencing massive potable water losses through leaking water reticulation pipework and housing internal fittings and toilets.	5 630 100
SEC1401-Makana	Makana LM	Makana WCDM	The proposed infrastructure investments are aimed at addressing the shortcomings identified by the MLM Waterloss Programme. This will be instrumental in improving the capacity and ability of the Municipality to deliver water and sanitation services. (This project is aimed at addressing the water loss and water demand challenges within the WSA and hence further funding is therefore required to carry on with the work being done on the Grahamstown reticulation system and to repair the ailing network in Alicedale, Riebeeck East, Seven Fountains and Fort Brown in order to significantly reduce the water loss over time and to substantially increase the revenue stream of the MLM.)	5 300 000
EC1416-Ndlambe	Ndlambe Local Municipality	Ndlambe WCDM	The project builds on the initial successful work done by the Ndlambe Municipality towards reducing its high physical water losses and billing losses (together make up 40%). The Project aims to assess and install zonal water infrastructure, consumer , meter replacement, meter reading and billing verification as well as a GIS-based system to facilitate accurate regular Zonal Water Balance calculation in an effort to effectively manage this critical resource. The project further includes the additional utilisation of some of the Community "Barefoot" Plumbers trained under the ACIP Phases 1 to 3 of the Waterloss Programme, to supplement the Municipality's internal resources. This is a phased approach towards effective water resource management.	4 475 000
Sub-Total: Eastern Cape				15 405 100

Water Conservation and Demand Management				
District Munic.	WSA funded.	Project Name	Project Description	Budget
Free State				
FS1608-Mafube	Mafube LM	Mafube WCDM	Water conservation and water demand management (WC/WDM) is concerned with four primary components in the water management cycle, Water Resource Conservation, Water distribution, Consumer Demand Management and return Flow Management. The Municipality does not have a business plan which implies that the municipality does not know its status of water demand management.	4 000 000
Sub-Total: Free State				4 000 000
Gauteng				
GP1604-Lesedi	Lesedi LM	Lesedi WCDM	Zone metering, Sectorisation, Night flow analysis, Pressure Management, Advance pressure management, install Consumer metering audit/ meter replacement, Valve audit/replacement, Leak detection & repair, fixing network leaks & Leak repair on private properties	5 500 000
GP1603-Merafong	Merafong LM	Merafong WCDM	Relocate of midblock water pipelines to road reserves in Kokosi 4km, 90mm HDPE class 12 pipe: 2 Installation of 25mm HDPE pipe & provide approximately 1500 house connection and accessories; 3) Stand Disbursement(Geotechnical services, Surveying, Health & Safety services & full time resident Engineer.	4 000 000
Sub-Total: Gauteng				9 500 000
Northern Cape				
NC1602-Magareng	Magareng LM	Magareng WCDM	WCDM: Magareng Water Conservation and Demand Management intervention	5 000 000
Sub-Total: Northern Cape				5 000 000
TOTAL: Water Conservation and Demand Management (WCDM)				33 905 100

WATER SUPPLY				
District Munic.	Local Munic.	Project Name	Project Description	Budget
Eastern Cape				
Sarah Baartman	Dr. Brewer Naude Municipality	Waterford Community Water Supply	The project will entail the refurbishment of the bulk water supply systems of the towns of Waterford and Wolwefontein.	1 815 000
Sarah Baartman	Blue Grane Route Local Municipality	Blue Crane Route Community Water Supply	Pearston relies entirely on groundwater (borehole) for water supply and four boreholes were recently developed but only two were equipped and connected to the water supply. However, the entire raw water supply is dependent on power for abstraction with gravitational supply to most of Pearston. It is critical that the two boreholes be connected and back-up power is provided to ensure sustainable water supply.	2 361 600
Sarah Baartman	Blue Grane Route Local Municipality	Blue Crane Route Community Water Supply	This project will focus refurbishing the Bestershoek WTW, reservoir and water line to ensure reliable, constant water provision to BCRM households and businesses. This is necessary to also reduce the over reliance on Orange fish WTW which during peak season struggles to keep up with demand. The project will also focus on refurbishing the Somerset East boreholes which will also contribute towards Somerset East water supply system.	2 860 000
Sub-Total: Eastern Cape				7 036 600
Free State				
FS1403-Letsemeng	Letsemeng Local Municipality	Letsemeng Community Water Supply	The project will be focused on elevating the sewer spillage of Jacosdal Town at the hot spot area, The pipeline will be connected also the residence along its route	577 000
FS1403-Letsemeng	Letsemeng Local Municipality	Letsemeng Community Water Supply	The project will be replacing the old AC pipes with the steel pipes, This project has been identified as an emergency project in the master plan, Increasing the pipe size from 200mm to 250mm will be done to accommodate the current and future inflow to the plant	2 856 000
FS1609-Mafube WS (Namahadi)	Mafube Local Municipality	Mafube Community Water Supply	Name of project: Construction of Rising main from Frankfort water purification works to reservoir in Namahadi	3 500 000
FS1505-Vrede	Phumelele Local Municipality	Phumelela Community Water Supply	Phumelela Local municipality in Vrede consists of three sections namely Vrede, Thabalihle and extension 4, Up to 4610 households are using one sewer pump station, causing the downstream manhole to block. It is hygienically unhealthy for the community that lives there to use toilets, streets and yards as waste overflow	5 500 000

WATER SUPPLY				
District Munic.	Local Munic.	Project Name	Project Description	Budget
FS1610-Mafube WS (Tweeling)	Mafube Local Municipality	Mafube Community Water Supply	The project seeks to ensure water supply security and sustainability throughout the three (3) towns of Frankfort , Tweeling and Cornelia. There are currently sporadic interruptions in the water supply and this must be avoided at all cost.	3 530 000
Sub-Total: Free State				15 963 000
Mpumalanga				
	Victor Khanye Local Municipality	Delmas Water supply and Water conservation demand and demand management	Development of a comprehensive and demand strategy , mapping of existing water reticulation networks. Development of an accurate and real time water balance by installing flow meters and electronic loggers in fifteen boreholes and twenty two boreholes located both in rural and urban areas respectively	5 000 000
Sub-Total: Mpumalanga				5 000 000
Northern Cape				
NC1606-Emthanjeni	Emthanjeni Local Municipality	Emthanjeni Community Water Supply	ACWS: Refurbishment of non- functional boreholes in De Aar	5 000 000
NC1601-Siyathemba	Siyathemba	Siyathemba Community Water Supply	ACWS: Water Backlock for Siyathemba Municipality (Priesk WTW)	2 800 000
Sub-Total: Free State				7 800 000
Limpopo				
LP1405-Tshilidzini	Vhembe DM	Tshilidzini Community Water Supply	Installation of borehole pumping main,boreholes pumps, storage and booster pumps.	5 500 000
Sub-Total: Limpopo				5 500 000
North West				
NW1603-Ventersdorp	Vensterdorp	Ventersdorp Water Community Supply	The objection of this project is to refurbish 1. Boreholes equipment and pump houses for villages under Ventersdorp LM, 2. the water supply networks in the villages including communal standpipes and elevated resevoirs , the client is Ventersdorp ton council, the conasultants are Rinka Africa and th contractor is Lese trading and projects.	6 000 000
Sub-Total: North West				6 000 000
Western Cape				
	George	George Community Water Supply	This project involves installing of new water meters in which to more accurate measurements towards various types of water losses.	4 500 000

WATER SUPPLY				
District Munic.	Local Munic.	Project Name	Project Description	Budget
WC1606-Laingsburg	Laingsburg	Laingsburg Community Water Supply	The project involves the replacement of Asbestos Cement pipes and consumer connections in Laingsburg.	330 000
WC1504-Kannaland	Kannaland LM	Kannaland Community Water Supply	This project includes the upgrade of the existing 150mm diameter asbestos cement pipe by replacement with a 315mm diameter PVC-U	4 827 000
	Mossel Bay LM	Mossel Bay Community Water Supply	Replacement of seven reservoir outlet meters found to be defective or in poor condition; installation, commissioning and optimization of 5 new pressure reducing valves; installation and commissioning of 3 new district metering areas; maintenance, refurbishment, commissioning and optimization of 7 existing defective pressure reducing valves and change out of 16 consumer meters listed under the Top 100 consumers found to have anomalies.	5 204 000
Sub-Total: Western Cape				14 861 000
TOTAL FOR WATER SUPPLY				62 160 600

WASTE WATER TREATMENT WORKS				
District Munic.	Local Munic.	Project Name	Project Description	Budget
EC1416-Ndlambe	Ndlambe Local Municipality	Ndlambe WWTW	The project will include refurbishment of various critical sewer pump stations in Ndlambe with the installation of self priming sewer pumps. Critical upgrading of the Marselle Sewer Pumping System is also needed in order to cater for the increased hydraulic load on the pump station.	4 730 000
	Nkonkobela Local Municipality	Nkonkobela WWTW	The project will entail the installation of new and refurbishment of existing aboveground sewerage pumps, electrical equipment and delivery pipe work in four pump stations in Jeffrey's Bay and Hankey. New standby generator will also be installed to accommodate electrical supply interruptions at the Centerton Pump Station and the building infrastructure will be refurbished. Further to this, a section of sewer pipeline in Oceanview township needs to be replaced.	3 253 000
EC1501-Kouga	Kouga Local Municipality	Kouga WWTW	The project will entail the installation of new and refurbishment of existing aboveground sewerage pumps, electrical equipment and delivery pipe work in four pump stations in Jeffrey's Bay and Hankey. New standby generator will also be installed to accommodate electrical supply interruptions at the Centerton Pump Station and the building infrastructure will be refurbished. Further to this, a section of sewer pipeline in Oceanview township needs to be replaced.	5 000 000
	Dr. Beyer Naude Municipality	Dr Beyer Naude WWTW	The non-compliance of the Rietbron WWTW with the requirements of the National Water Act necessitates the refurbishment of the works. The refurbishment will involve the construction of the following: Inlet works with mechanical screens, discharge facility for the waste collection vehicle, flow measurement, anaerobic pond, sludge drying beds, lining of ponds, discharge of final effluent for irrigation and rehabilitation of security fence.	5 000 000
EC1502-Koukamma	Koukamma Local Municipality	Koukamma WWTW	Refurbishment of Tweereviere WWTW project basically aims at restoring the WWTW to its operational stage and redesign of few components to meet the Green Drop requirements. The scope of the project will include redesigning of the inlet works for effective operations; installation of effective flow measuring meters on the inlet and outlet; desludging the non-operational primary settling tank; replacing of the worn-out pumps; desludging of humus tanks & biofilter pumps sump; restoration of the emergency ponds & sludge lagoons; installation of chlorination system.	3 058 000
Sub-Total: Eastern Cape				21 041 000

WASTE WATER TREATMENT WORKS				
District Munic.	Local Munic.	Project Name	Project Description	Budget
Free State				
FS1606-Kopanong	Kopanong Local Municipality	Kopanong WWTW	The Project entails the upgrade of the plant in general and the refurbishment and/or replacement of critical elements in the treatment process i.e installation of mechanical waste screen, water flow meters etc and refurbishment of pump sets , drive drains ,electrical instrument panel board, Bio filter pivot (Centre Column & Spray arms) sedimentation tank inlet Stilling Chamber & Scum baffles chemical dosing plant/ room & equipment , O & M Manuals etc to name but few	5 000 000
FS1611-Moghaka	Moghaka Local Municipality	Moghaka WWTW	The state pum station at Viljoenskroon sewer tranfer pump station is a bad state. The pump station were designed to accommodate less population but since the population has increased then the pump station are not coping with the flow. The small capcity of this pump station needs to be fixed so that the WWTW can get sewege for treatment unlike now where the raw sewer is not reaching WWTW for treatmeent	3 500 000
FS1606-Kopanong	Mantsopa Local Municipality	Mantsopa WWTW	Refurbishment of Exclsior water treatment packeage plant, The plant frequently break resulting in shortage of water supply. The various process unit the plant requires urgent to be fixed and concerted efforts from all stakeholders is therefore needed to rectify this dire situatio.	2 930 000
FS1502-Theunissen	Masilonyana Local Municipality	Masilonyana WWTW	The istalled equipment needs reticulation in order for the plant to function. The scope of works involved refurbishment of the damaged pumps and motors, repair the mechanical screen, Grit Classifier, bloer snd screw conveyor. replacement of motor control centres and replacements of damaged cables . Supply and installation on the chlorination system and refurbish the sedimentation tanks, repairing and refurbishment the aerator , supplying and installation of inflow and outflow meter.	2 996 500
FS1505-Vrede	Phemelela Local Municipality	Phumelela WWTW	Water Treatment Works in Vrede - Thembalihle and Memel - Zamani need attention for refurbishment as it is th main component of our Municipality to purify the water for the community	5 430 000
	Mohokare Local munucipality	Mohokare WWTW	The Project deals with the refurbishment of the wastewater pump sation that are located in Zastron especially the Matlekeng Township. This project will be implemented on a total number of three (3) Pump stations	2 699 000
Sub-Total: Free State				22 555 500

WASTE WATER TREATMENT WORKS				
District Munic.	Local Munic.	Project Name	Project Description	Budget
Gauteng				
GP1602-Randfontein	Randfontein LM	WWTW	Refurbishment of the inlet works of the plant, mechanical and electrical works. Desludging of pump stations and clearing of drying beds.	6 500 000
	Emfuleni Local Municipality	WWTW	Refurbishment of Civil, electrical, mechanical and water treatment componets of the Vaaloewer WTW.	4 000 000
Sub-Total:Gauteng				10 500 000
KwaZulu-Natal				
KZ1410-Ingwavuma	Ingwavuma	Ingwavuma WWTW	Refurbishment of inlet works, installatiion of measuring instrumentation, reconstruction of pond lining. Removal of accumulated sludge and construction of rock filter.	6 600 000
KZ1412-Manguzi	Manguzi	Manguzi WWTW	Refurbishment of inlet works, installatiion of measuring instrumentation, reconstruction of pond lining. Removal of accumulated sludge and construction of rock filter.	8 000 000
KZ1601-Hluhluwe	Hluhluwe	Hluhluwe WWTW	Refurbishment of inlet works, installatiion of measuring instrumentation, reconstruction of pond lining. Removal of accumulated sludge and construction of rock filter.	6 000 000
Sub-Total:Kwazulu-Natal				20 600 000
Mpumalanga				
MP1602-Mkhondo	Mkhondo LM	Mkhondo WWTW	Refurbish the existing waste water treatment works in Amterdam town, Winnie Mandela, France and Kwathandeka comprising of mechanical, electrical and civil works to the inlets works, aeration tank, final settling tank, chlorination equipment, electrical control panels, stromwater pumping station and various ancillary site health, safety and welfare facilities	9 245 000
MP1605-Pixley Ka Sema	Dr Pixley Ka Sema	Dr Pixley Ka Sema WWTW	The refurbishment of Vukuzakhe WWTW is aimed at revamping the various component of the treatment plant, The secondary objective project is to ensure that the effluent complies with regular standards , an estimated R 9 377 963 .68 (Incl Vat) will be required to complete this refurbishment project. The finding from the site inspection frevealed that lack of labor compromises the functionality of the plant, and as such, the municipality is advised to ensure that more labor is available and day-to-day operation and maintance are carried out approximately	7 000 000

WASTE WATER TREATMENT WORKS				
District Munic.	Local Munic.	Project Name	Project Description	Budget
MP1605-Pixley Ka Sema	Dr Pixley Ka Sema	Dr Pixley Ka Sema WWTW	This is the 1 MI / d Activated sludge plant and oxidation ponds which have been converted into the maturation ponds, located on the outskirts of the town approximately 1 km from the residential area to assist with the waste water treatment in the area. the treatment plant is no longer functioning correctly due to the defects and problems that have been mentioned in the project overview of the plant. Immediat attention must be given to these defects in order to improve services delivery for wastewater treatment works is essential also for the healthiness of the community.	8 200 000
Sub-Total Mpumalanga				24 445 000
Limpopo				
LP1603-Mopani	Tzaneen LM	Tzaneen WWTW	Inlet scteen, digestors(primary & secondary) settling tanks(primary & secondary), chlorination facility , biological filters, laboratory block, sludge pumps	4 500 000
LP1604-Vhembe	Mutale LM	Mutale WWTW	Construction of grit channels, replacing esisting pipeline, repair slabs,	5 000 000
LP1601-Capricorn	Capricorn DM	Capricorn WWTW	Refurbishment of Civil, mechanical and electrical works of the WWTW	4 000 000
LP1409-Lephalale	Lephalale LM	Lephalale WWTW	Re engineering and refurbishment of sewer network in Lephalale town	3 485 000
Sub-Total Limpopo				16 985 000
Northern Cape				
NC1607-Khai Ma	Khai ma	Khai Ma WWTW	WWIR: Rehabilitaion of Pofadder WWTW and Bilvoorug Pumpstation	4 000 000
NC1404-Sol Plaatjie	Sol Plaatjie	Sol Plaatjie WWTW	WWIR: Upgrading and Refurbishment of Sewer Pump Station (Gogga and Tambo Square Pumpstations)	5 000 000
Sub-Total: Northern Cape				9 000 000
North West				
NW1506-Matlosana	City of Matlosana	City of Matlosana WWTW	It is highly necessary to deal with the Orkney water management as there is a large scope for improvement of water accesibility , financial gain, and human resource empowerment which will result in sustainable management of water as commodity. The community at large also stand to benefit from the prevention of underground water pollution, pollution of the receiving streams or rivers, preseravtion of aquatic ecosystem as well as grazing animals. If the existinf treatment works which is non operational is refurbished and upgraded the quantity of treated effluent would meet DWA final Effluent discharge standard herby protecting the receiving streams and river mainly Vaal.	3 500 000

WASTE WATER TREATMENT WORKS				
District Munic.	Local Munic.	Project Name	Project Description	Budget
NW1603-Ventersdorp	Ventersdorp local Municipality	Ventersdorp WWTW	It is highly necessary to deal with the VLM waste water management as there is a large scope for improvement of water accessibility , financial gain, and human resource empowerment which will result in sustainable management of water as commodity. The community at large also stand to benefit from the prevention of underground water pollution, pollution of the receiving streams or rivers, preservation of aquatic ecosystem as well as grazing animals. If the existing treatment works which is non-operational is refurbished and upgraded with additional 5MI treatment works, VLM would be able to cater for the existing population with the proposed N14 development and a future growth of 20 years.	3 500 000
NW1506-Matlosana	City of Matlosana	City of Matlosana WWTW	It is highly necessary to deal with the Klerksdorp waste water management as there is a large scope for improvement of water accessibility , financial gain, and human resource empowerment which will result in sustainable management of water as commodity. The community at large also stand to benefit from the prevention of underground water pollution, pollution of the receiving streams or rivers, preservation of aquatic ecosystem as well as grazing animals . If the existinf treatment works which is non operational is refurbished and upgraded the quantity of treated effluent would meet DWA final Effluent discharge standard herby protecting the receiving streams and mainly Vaal river	5 212 800
Sub-Total: North West				12 212 800
Western Cape				
WC1504-Kannaland	Kannaland LM	Kannaland WWTW	The work to be completed include; (1) upgrading existing pond system to Activated Sludge Process with SST and MCC; (2) Provide sludge drying beds; (3) Provide recycling of last tertiary pond water to the anaerobic pond to prevent odor and fly problems (4) Provide a chlorine dosing system (5) Provide 2 pump stations at drying beds to pump from drying beds to anaerobic pond; (6) Provide a building to accommodate a laboratory, office and ablution facilities; (7) Project laboratory equipment (8) Provide irrigation system (9) upgrading of inlet works at Main Pump Station	2 300 000
	Cederberg LM	Cederberg WWTW	Upgrading of the Graafwater WWTW by equipping the inlet works with raked screen and constructing a new anaerobic pond with HDPE lining	1 145 000

WASTE WATER TREATMENT WORKS				
District Munic.	Local Munic.	Project Name	Project Description	Budget
WC1504-Kannaland	Kannaland LM	Kannaland WWTW	This project intends upgrading and recommissioning the pressure filter system to ensure compliance with the effluent discharge standards of the Department. This consist of constructing a new building for the pressure filtration system, replace pressure filters, provide WWTW operation and maintenance plans and manuals and training of process controllers.	2 150 000
Sub-Total: Western Cape				5 595 000
TOTAL: Wastewater Infrastructure				142 934 300

PPI No 2.3.12: Number of small WSIG projects under construction

Province	Number of projects	Name of water service authority	
Schedule 5B			
EC	23	Alfred Nzo	4
		Chris Hani	5
		Joe Gqabi	3
		OR Tambo	6
		Amathole	4
		Blue Crane	1
FS	14	Letsemeng	1
		Mohokare	2
		Kopanong	2
		Maluti	2
		Matjhabeng	1
		Dihlabeng	1
		Phumelela	1
		Setsoto	1
		Moqhaka	1
		Ngwathe	1
		Metsimaholo	1

Province	Number of projects	Name of water service authority	
GP	8	Emfuleni	2
		Midvaal	1
		Lesedi	1
		Mogale City	2
		Merafong	1
		Rand West	1
KZN	34	Amajuba	3
		Harry Gwala	4
		iLembe	4
		King Cetshwayo	3
		uMsunduzi	2
		Newcastle	1
		Ugu	2
		uMgungundlovu	1
		uMhlathuze	2
		uMkhanyakude	4
		Mzinyathi	2
		Uthukela	2
		Zululand	4
LP	32	Sekhukhune	5
		Mopani DM	4
		Vhembe DM	3
		Capricorn DM	5
		Mogalakwena LM	5
		Lephalale LM	3
		Bela-Bela LM	2
		Lim368	5

Province	Number of projects	Name of water service authority	
MP	21	Albert Luthuli	2
		Mkhondo	2
		Lekwa	1
		Emakhazeni	2
		Thembisile Hani	4
		Dr JS Moroka	1
		Thaba Chweu	2
		Nkomazi	2
		Bushbuckridge	3
		Mbombela	2
NC	25	Richtersveld	1
		Nama Khoi	1
		Kamiesberg	1
		Hantam	1
		Karoo Hoogland	1
		Khai-Ma	1
		Ubuntu	1
		Msobomvu	1
		Emthanjeni	1
		Kareeberg	1
		Renosberg	1
		Thembelihle	1
		Siyancuma	1
		Kai Garib	1
		Kheis	1
		Tsatsabane	1
		Kgatelopele	1
		Khara Heist	1
		Sol Plaatjie	1
		Phokwane	1
		Joe Morolong	2
		Ga-Segonyana	2
		Gamagara	1

Province	Number of projects	Name of water service authority	
NW	14	Moretele	3
		Rustenburg	3
		Kgetlengrivier	1
		Moses Kotane	2
		Dr Ruth Mompati	3
		Maquassi Hills	1
		Ventersdorp/ Tlokwe	1
WC	3	Matzikama	1
		Cederberg	1
		Oudtshoorn	1
Schedule 6B			
LP	3	Polokwane LM	2
		Thabazimbi LM	1
NW	5	Madibeng	2
		Ngaka Modiri Molema	3
Grand total	182		

PPI No 2.3.13: Number of small WSIG projects completed

Province	Number of projects	Name of water service authority	
Schedule 5B			
EC	9	Alfred Nzo	2
		Chris Hani	1
		Joe Gqabi	1
		OR Tambo	2
		Amathole	2
		Blue Crane	1
FS	3	Kopanong	1
		Dihlabeng	1
		Metsimaholo	1
GP	1	Rand West	1
KZN	5	Newcastle	1
		Zululand	4
LP	2	Bela-Bela LM	2
MP	2	Albert Luthuli	2
NC	9	Hantam	1
		Karoo Hoogland	1
		Khai-Ma	1
		Ubuntu	1
		Emthanjeni	1
		Kareeberg	1
		Renosberg	1
		Tsatsabane	1
		Kgatelopele	1
NW	1	Moses Kotane	1
WC	1	Cederberg	1
Schedule 6B			
LP	3	Polokwane LM	2
		Thabazimbi LM	1
NW	5	Madibeng	2
		Ngaka Modiri Molema	3
Grand total	41		

PPI No 2.5.1: Number of existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services per year

Province	Project name	2017/18 targets
Northern Cape	Griekwastad	407
	Maranteng	134
	Rosedale	801
	Louisvale	477
	Postdene	149
	Victoria west	524
	Campbell	596
	Fraser Moleketi	458
	Motswedimosa	656
Sub-total		4 202
Free State	Ficksburg	218
	Arlington	1192
	Lindley	820
	Clocolan	3379
	Senekal	2435
	Petrus steyn	960
	Hertzogville	1020
	Reitz	739
	Dealesville	1290
	Rouxville	50
	Dewetsdorp	191
	Henneman	1123
	Virginia	1371
	Theunissen	62
	Heibron	1100
	Vredefort	698
	Frankfort	1842
	Villiers	860
	Cornelia	338
	Tweeling	304
	Memel	568
	Marquard	583
Sub-total		21 143
Eastern Cape	Makana	37
Sub-total		37
Overall total		25 382

PPI No 2.5.2: Number of rural households served to eradicate sanitation backlogs as per norms and standards

Province	Municipality	Target for 2017/18
Eastern Cape	Mbhashe / Amathole	398
	Mnquna /Amathole	449
	Joe Gqabi	450
	Alfred Nzo	450
	O.R Tambo	450
	Chris Hani	346
Free State	Maluti a Phofung	333
KwaZulu-Natal	Amajuba	500
	Zululand	289
	uThungulu	307
	iLembe	333
	Ugu	381
	Uthukela DM	498
	Umzinyathi DM	259
	Umkhanyakude DM	333
	Umlathuze	212
	Harry Gwala DM	400
Limpopo	Ba-Phalaborwa	381
	Maruleng	381
	Vhembe	450
	Capricon	451
	Sekhukhune	334
Mpumalanga	Bushbuckridge	428
	Nkomazi	310
Northern Cape	Ga- Segonyane	277
North West	Ngaka Modiri Molema	310
	Dr Ruth Segomotsi	322

Programme 4: Water Sector Regulation

PPI No 1.1.1: Number of wastewater systems assessed for compliance with the Green Drop Regulatory standards

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
1		Sasol Synfuels	Sasol-Synfuels Secunda WWTW	2	KwaZulu-Natal	Ugu District Municipality	Harding
3		Sasol Synfuels	Sasol Infrachem Sasolburg	4	KwaZulu-Natal	Ugu District Municipality	KwaMbonwa
5		Sun City Resort	Sun City WWTW	6	KwaZulu-Natal	Ugu District Municipality	Malangeni
7		Nedbank	Nedbank Olwazini WWTW	8	KwaZulu-Natal	Ugu District Municipality	Margate
9		Kruger National Park	Shingwedzi WWTW	10	KwaZulu-Natal	Ugu District Municipality	Umbango
11		Kruger National Park	Skukuza WWTW	12	KwaZulu-Natal	Ugu District Municipality	Melville
13		Kruger National Park	Tshokwane WWTW	14	KwaZulu-Natal	Ugu District Municipality	Munster
15		Kruger National Park	Malelane WWTW	16	KwaZulu-Natal	Ugu District Municipality	Ramsgate
17		Kruger National Park	Pretoriuskop WWTW	18	KwaZulu-Natal	Ugu District Municipality	Red Desert
19		Kruger National Park	Punda WWTW	20	KwaZulu-Natal	Ugu District Municipality	Scottburgh
21		Kruger National Park	Satara WWTW	22	KwaZulu-Natal	Ugu District Municipality	Shelley Beach
23		Kruger National Park	Lower Sabie WWTW	24	KwaZulu-Natal	Ugu District Municipality	Skogheim-Bhobhoyi
25		Kruger National Park	Olifants WWTW	26	KwaZulu-Natal	Ugu District Municipality	Southbroom
27		Kruger National Park	Orpen WWTW	28	KwaZulu-Natal	Ugu District Municipality	Umtinto
29		Kruger National Park	Berg en Dal WWTW	30	KwaZulu-Natal	Ugu District Municipality	Uvongo
31		Kruger National Park	WPS WWTW	32	KwaZulu-Natal	uMgungundlovu District Municipality	Applebosch Hospital

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
33		Kruger National Park	Letaba WWTW	34	KwaZulu-Natal	uMgungundlovu District Municipality	Camperdown
35	Eskom Power Station	Eskom Power Station	Camden Power Station WWTW	36	KwaZulu-Natal	uMgungundlovu District Municipality	Coolair
37	Eskom Power Station	Eskom Power Station	Matla Power Station WWTW	38	KwaZulu-Natal	uMgungundlovu District Municipality	Howick
39	Department of Public Works	Eastern Cape Mthatha	Cofimvaba CS	40	KwaZulu-Natal	uMgungundlovu District Municipality	Mooi River
41	Department of Public Works	Eastern Cape Mthatha	Elliotdale CS	42	KwaZulu-Natal	uMgungundlovu District Municipality	Richmond
43	Department of Public Works	Eastern Cape Mthatha	Elliotdale SAPS	44	KwaZulu-Natal	uMhlathuze Local Municipality	Empangeni
45	Department of Public Works	Eastern Cape Mthatha	Engcobo CS	46	KwaZulu-Natal	uMhlathuze Local Municipality	Esikhawini
47	Department of Public Works	Eastern Cape Mthatha	Flagstaff CS	48	KwaZulu-Natal	uMhlathuze Local Municipality	Ngwelezana
49	Department of Public Works	Eastern Cape Mthatha	Libode CS	50	KwaZulu-Natal	uMhlathuze Local Municipality	Nseleni
51	Department of Public Works	Eastern Cape Mthatha	Lusikisiki CS	52	KwaZulu-Natal	uMhlathuze Local Municipality	Vulindlela
53	Department of Public Works	Eastern Cape Mthatha	Maluti SAPS (Military base)	54	KwaZulu-Natal	uMkhanyakude District Municipality	Bethesda Hospital-Ubombo
55	Department of Public Works	Eastern Cape Mthatha	Mthatha ACCU SAPS	56	KwaZulu-Natal	uMkhanyakude District Municipality	Hlabisa Hospital
57	Department of Public Works	Eastern Cape Mthatha	Mthatha CS	58	KwaZulu-Natal	uMkhanyakude District Municipality	Hluhluwe

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
59	Department of Public Works	Eastern Cape Mthatha	Mthatha 14SAI	60	KwaZulu-Natal	uMkhanyakude District Municipality	Ingwavuma-Mosvold Hospital
61	Department of Public Works	Eastern Cape Mthatha	Mount Fletcher CS	62	KwaZulu-Natal	uMkhanyakude District Municipality	Jozini
63	Department of Public Works	Eastern Cape Mthatha	Mqanduli CS	64	KwaZulu-Natal	uMkhanyakude District Municipality	KwaMsane
65	Department of Public Works	Eastern Cape Mthatha	Mzamba SAPS	66	KwaZulu-Natal	uMkhanyakude District Municipality	Manguzi Hospital
67	Department of Public Works	Eastern Cape Mthatha	Ngqamakhwe DCS	68	KwaZulu-Natal	uMkhanyakude District Municipality	Mtubatuba
69	Department of Public Works	Eastern Cape Mthatha	Qunu Museum	70	KwaZulu-Natal	uMkhanyakude District Municipality	Mkhuze
71	Department of Public Works	Eastern Cape Mthatha	Ntabankulu CS	72	KwaZulu-Natal	uMkhanyakude District Municipality	St Lucia Ponds
73	Department of Public Works	Eastern Cape Mthatha	Willowvale CS	74	KwaZulu-Natal	uMsunduzi Local Municipality	Darvill
75	Department of Public Works	Eastern Cape Port Elizabeth	Middeldrift Prison	76	KwaZulu-Natal	uMsunduzi Local Municipality	Lynnfield Park
77	Department of Public Works	Eastern Cape Port Elizabeth	Heald Town Police Station	78	KwaZulu-Natal	uMzinyathi District Municipality	Dundee-Glencoe
79	Department of Public Works	Eastern Cape Port Elizabeth	Debe Nek Police Station	80	KwaZulu-Natal	uMzinyathi District Municipality	Greytown
81	Department of Public Works	Eastern Cape Port Elizabeth	Die Blaar Housing Complex	82	KwaZulu-Natal	uMzinyathi District Municipality	Nqutu New
83	Department of Public Works	Eastern Cape Port Elizabeth	Storms River Police Station	84	KwaZulu-Natal	uMzinyathi District Municipality	Pomeroy Ponds

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
85	Department of Public Works	Eastern Cape Port Elizabeth	Kwaibrandt Housing Complex	86	KwaZulu-Natal	uMzinyathi District Municipality	Tugela Ferry
87	Department of Public Works	Eastern Cape Port Elizabeth	Patensie Prison	88	KwaZulu-Natal	uThukela District Municipality	Ladysmith
89	Department of Public Works	Eastern Cape Port Elizabeth	Kirkwood Prison	90	KwaZulu-Natal	uThukela District Municipality	Estcourt
91	Department of Public Works	Eastern Cape Port Elizabeth	Middleburg/Grootefontein Agric College	92	KwaZulu-Natal	uThukela District Municipality	Colenso
93	Department of Public Works	Eastern Cape Port Elizabeth	Albany Prison	94	KwaZulu-Natal	uThukela District Municipality	Bergville
95	Department of Public Works	Eastern Cape Port Elizabeth	Bulembu SAPS Airport	96	KwaZulu-Natal	uThukela District Municipality	Winterton
97	Department of Public Works	Free State	Bloemspuit	98	KwaZulu-Natal	uThukela District Municipality	Ekuvukeni
99	Department of Public Works	Free State	Caledonspoort	100	KwaZulu-Natal	uThukela District Municipality	Ezakheni
101	Department of Public Works	Free State	Goedemoed	102	KwaZulu-Natal	uThukela District Municipality	Weenen
103	Department of Public Works	Free State	Groenpunt	104	KwaZulu-Natal	uThukela District Municipality	Wembezi
105	Department of Public Works	Free State	Grootvlei	106	KwaZulu-Natal	uThungulu District Municipality	Catherine Booth Hospital
107	Department of Public Works	Free State	Maseru Bridge	108	KwaZulu-Natal	uThungulu District Municipality	Ekhombe Hospital
109	Department of Public Works	Free State	22 Field Unit	110	KwaZulu-Natal	uThungulu District Municipality	Ekuphumleni Hospital

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
111	Department of Public Works	Free State	Debrig/ DOD Mob Center	112	KwaZulu-Natal	uThungulu District Municipality	Gingindlovu Ponds
113	Department of Public Works	Gauteng Pretoria	Zonderwater CS	114	KwaZulu-Natal	uThungulu District Municipality	King Dinizulu
115	Department of Public Works	Gauteng Pretoria	Boekenhoutkloof Military Base	116	KwaZulu-Natal	uThungulu District Municipality	KwaBadala
117	Department of Public Works	Gauteng Pretoria	CAT Military Base	118	KwaZulu-Natal	uThungulu District Municipality	Mbongolwane Hospital
119	Department of Public Works	Gauteng Pretoria	Ditholo Military Base	120	KwaZulu-Natal	uThungulu District Municipality	Melmoth Ponds
121	Department of Public Works	Gauteng Pretoria	Rodeplaata Dog School (SAPS)	122	KwaZulu-Natal	uThungulu District Municipality	Mpushini Ponds
123	Department of Public Works	Gauteng Pretoria	Thabatswane Military Base	124	KwaZulu-Natal	uThungulu District Municipality	Mtunzini
125	Department of Public Works	Gauteng Pretoria	Toitskraal	126	KwaZulu-Natal	uThungulu District Municipality	Nkandla
127	Department of Public Works	Gauteng Pretoria	Wallmansthal Military Base	128	KwaZulu-Natal	uThungulu District Municipality	Oceanview
129	Department of Public Works	Gauteng JHB	Devon	130	KwaZulu-Natal	Zululand District Municipality	Owen Sithole Agriculture College
131	Department of Public Works	Limpopo	Acornhoek SAPS	132	KwaZulu-Natal	Zululand District Municipality	Ceza Hospital
133	Department of Public Works	Limpopo	Beit Bridge Border Post	134	KwaZulu-Natal	Zululand District Municipality	Coronation
135	Department of Public Works	Limpopo	Hoedspruit Military Base-Main Works	136	KwaZulu-Natal	Zululand District Municipality	eDumbe-Paul Pietersburg

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
137	Department of Public Works	Limpopo	Hoedspruit Boston Military Base	138	KwaZulu-Natal	Zululand District Municipality	eMondlo
139	Department of Public Works	Limpopo	Hoedspruit Military Base-BVVA	140	KwaZulu-Natal	Zululand District Municipality	Hlobane
141	Department of Public Works	Limpopo	Hoedspruit Military Base - HQ	142	KwaZulu-Natal	Zululand District Municipality	Itselejuba Hospital
143	Department of Public Works	Limpopo	Hoedspruit Military Base - 8SQ	144	KwaZulu-Natal	Zululand District Municipality	Ulundi
145	Department of Public Works	Limpopo	Hoedspruit Military Base - 19SQ	146	KwaZulu-Natal	Zululand District Municipality	Nkonjeni Hospital Ponds
147	Department of Public Works	Limpopo	Hoedspruit Military Base - 85SQ	148	KwaZulu-Natal	Zululand District Municipality	Nongoma
149	Department of Public Works	Limpopo	Hoedspruit Military Base - 400SQ	150	KwaZulu-Natal	Zululand District Municipality	Pongola
151	Department of Public Works	Limpopo	Hoedspruit Military Base - 514SQ	152	KwaZulu-Natal	Zululand District Municipality	St Francis Hospital
153	Department of Public Works	Limpopo	Leboeng SAPS	154	Limpopo	BelaBela Local Municipality	Pienaarsrivier
155	Department of Public Works	Limpopo	Makhado Military Base	156	Limpopo	BelaBela Local Municipality	Radium
157	Department of Public Works	Limpopo	Matatshe CS	158	Limpopo	Capricorn Local Municipality	Warmbath
159	Department of Public Works	Limpopo	Naboomspruit Military Base	160	Limpopo	Capricorn Local Municipality	Alldays
161	Department of Public Works	Limpopo	Soekmekaar Magistrate Court	162	Limpopo	Capricorn Local Municipality	Lebowakgomo AS Plant

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
163	Department of Public Works	Limpopo	Vuwane Military Base	164	Limpopo	Capricorn Local Municipality	Mogwadi
165	Department of Public Works	Mpumalanga	Barberton CS	166	Limpopo	Capricorn Local Municipality	Lebowakgamo Ponds
167	Department of Public Works	Mpumalanga	Camden Military Base	168	Limpopo	Greater Sekhukhune District Municipality	Senwabarwana
169	Department of Public Works	Mpumalanga	Daggakraal SAPS	170	Limpopo	Greater Sekhukhune District Municipality	Burgersfort
171	Department of Public Works	Mpumalanga	Geluk CS	172	Limpopo	Greater Sekhukhune District Municipality	Dennilton
173	Department of Public Works	Mpumalanga	Lebombo Port of Entry	174	Limpopo	Greater Sekhukhune District Municipality	Elandsdraal
175	Department of Public Works	Mpumalanga	Mahamba Port of Entry	176	Limpopo	Greater Sekhukhune District Municipality	Grobiersdal
177	Department of Public Works	Mpumalanga	Oshoek Port of Entry	178	Limpopo	Greater Sekhukhune District Municipality	Jane Furse Ponds
179	Department of Public Works	Mpumalanga	Sand River Military Base	180	Limpopo	Greater Sekhukhune District Municipality	Leeuwfontein Mokganyaka
181	Department of Public Works	Mpumalanga	Witbank CS	182	Limpopo	Greater Sekhukhune District Municipality	Mapokile ponds
183	Department of Public Works	Mpumalanga	Zonestraal Military Base	184	Limpopo	Greater Sekhukhune District Municipality	Marle Hall
185	Department of Public Works	Mpumalanga	Acornhoek	186	Limpopo	Greater Sekhukhune District Municipality	Meckleberg Moreke ponds
187	Department of Public Works	Mpumalanga	Barberton CS	188	Limpopo	Greater Sekhukhune District Municipality	Monsterslus-Hlogotlou

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
189	Department of Public Works	North West	Bray SAPS	190	Limpopo	Greater Sekhukhune District Municipality	Motetema
191	Department of Public Works	North West	Boshoek SAPS	192	Limpopo	Greater Sekhukhune District Municipality	Nebo ponds
193	Department of Public Works	North West	Klipdrift MB	194	Limpopo	Greater Sekhukhune District Municipality	Penge
195	Department of Public Works	North West	Losperfontein CS	196	Limpopo	Greater Sekhukhune District Municipality	Phokwane ponds
197	Department of Public Works	North West	Molopo MB	198	Limpopo	Greater Sekhukhune District Municipality	Roosenenkal
199	Department of Public Works	North West	Ramatlabama BC	200	Limpopo	Greater Sekhukhune District Municipality	Steelpoort
201	Department of Public Works	North West	Rooigrond CS	202	Limpopo	Lephalale Local Municipality	Tubatse ponds
203	Department of Public Works	North West	Skilpad BC	204	Limpopo	Lephalale Local Municipality	Paarl
205	Department of Public Works	North West	Swartkopfontein BC	206	Limpopo	Lephalale Local Municipality	Witpoort
207	Department of Public Works	North West	Welgegeng	208	Limpopo	Modimolle Local Municipality	Zongesien
209	Department of Public Works	Western Cape	Brandvlei Prison	210	Limpopo	Modimolle Local Municipality	Modimolle
211	Department of Public Works	Western Cape	Buffeljagsrivier Prison	212	Limpopo	Mogalakwena Local Municipality	Vaalwater
213	Department of Public Works	Western Cape	Drakenstein Prison	214	Limpopo	Mogalakwena Local Municipality	Mokopane old & New

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
215	Department of Public Works	Western Cape	Dwarsrivier Prison	216	Limpopo	Moogophong Local Municipality	Rebone
217	Department of Public Works	Western Cape	Helderstroom Prison	218	Limpopo	Moogophong Local Municipality	Naboomspruit
219	Department of Public Works	Western Cape	Langebaan Road Central Flight School	220	Limpopo	Mopani District Municipality	Thusanag Ponds (Roedtan)
221	Department of Public Works	Western Cape	Paardeberg Prison	222	Limpopo	Mopani District Municipality	Lulekani
223	Department of Public Works	Western Cape	Riebeek West Prison	224	Limpopo	Mopani District Municipality	Namakgale
225	Department of Public Works	Western Cape	Robben Island	226	Limpopo	Mopani District Municipality	Phalaborwa
227	Department of Public Works	Western Cape	Saldanha Naval Base	228	Limpopo	Mopani District Municipality	Ga-Kgapane
229	Department of Public Works	Western Cape	Test Flight & Development Centre	230	Limpopo	Mopani District Municipality	Giyani
231	Department of Public Works	Western Cape	Voorberg Prison	232	Limpopo	Mopani District Municipality	Lenyenye
233	Department of Public Works	Northern Cape	Lohattha Military Base	234	Limpopo	Mopani District Municipality	Modjadiskoolf-Duiwelskloof
235	Department of Public Works	Northern Cape	Louisvale Military Base	236	Limpopo	Mopani District Municipality	Nkowankowa
237	Department of Public Works	Northern Cape	Middelputs Border Post	238	Limpopo	Mopani District Municipality	Senwamokgope
239	Department of Public Works	Northern Cape	Nakop	240	Limpopo	Mopani District Municipality	Tzaneen

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
241	Department of Public Works	Northern Cape	Olifantshoek Radio Station	242	Limpopo	Mopani District Municipality	Phafhudi hospital
243	Department of Public Works	Northern Cape	Vioolsdrift Port of Entry	244	Limpopo	Polokwane Local Municipality	Shilubane hospital
245	Department of Public Works	KZN North	Onverwacht Border Post	246	Limpopo	Polokwane Local Municipality	Mankweng
247	Department of Public Works	KZN North	Mtubatuba SANDF	248	Limpopo	Polokwane Local Municipality	Polokwane Pasveer
249	Department of Public Works	KZN North	Esibayeni SAPS	250	Limpopo	Thabazimbi Local Municipality	Seshego
251	Department of Public Works	KZN North	Ubombo SAPS	252	Limpopo	Thabazimbi Local Municipality	Northam
253	Department of Public Works	KZN North	Golela Border Post	254	Limpopo	Thabazimbi Local Municipality	Rooiberg
255	Department of Public Works	KZN North	Ingwavuma SAPS	256	Limpopo	Vhembe District Municipality	Thabazimbi
257	Department of Public Works	KZN North	Ndumo SANDF	258	Limpopo	Vhembe District Municipality	Louis Trichardt Makhado
259	Department of Public Works	KZN North	Emanguzi SAPS	260	Limpopo	Vhembe District Municipality	Makhado Dzanani
261	Department of Public Works	KZN North	Glencoe Prison	262	Limpopo	Vhembe District Municipality	Malamulele
263	Department of Public Works	KZN North	Hlobane SAPS	264	Limpopo	Vhembe District Municipality	Mhinga
265	Department of Public Works	KZN North	Ncome Prison	266	Limpopo	Vhembe District Municipality	Musina

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
267	Department of Public Works	KZN North	Waterval Prison	268	Limpopo	Vhembe District Municipality	Mutale ponds
269	Department of Public Works	KZN North	Ekuseni Youth Centre	270	Limpopo	Vhembe District Municipality	Nancefield
271	Department of Public Works	KZN South	Sevontein Prison	272	Limpopo	Vhembe District Municipality	Thohoyandou
273	Department of Public Works	KZN South	Wartburg SAPS	274	Limpopo	Vhembe District Municipality	Tshifulanani ponds
275	Department of Public Works	KZN South	Nkandla Prestige Project	276	Limpopo	Vhembe District Municipality	Vleifontein ponds
277	Department of Public Works	KZN South	New Hanover Prison	278	Limpopo	Vhembe District Municipality	Vuwani ponds
279	Department of Public Works	KZN South	Kranskop Prison	280	Limpopo	Vhembe District Municipality	Waterval Makhado
281	Department of Public Works	KZN South	Mthunzini Prison	282	Mpumalanga	Albert Luthuli Local Municipality	Carolina
283	Eastern Cape	Alfred Nzo Local Municipality	Cedarville	284	Mpumalanga	Albert Luthuli Local Municipality	Ekulendeni-Kromdraai
285	Eastern Cape	Alfred Nzo Local Municipality	Matatiele	286	Mpumalanga	Albert Luthuli Local Municipality	Elukwatini-Eerstehoek
287	Eastern Cape	Alfred Nzo Local Municipality	Mount Ayliff	288	Mpumalanga	Albert Luthuli Local Municipality	Mpuluzi-Mayflower
289	Eastern Cape	Alfred Nzo Local Municipality	Mount Frere	290	Mpumalanga	Bushbuckridge Local Municipality	Badplaas
291	Eastern Cape	Alfred Nzo Local Municipality	Bizana	292	Mpumalanga	Bushbuckridge Local Municipality	Dwarsloop

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
293	Eastern Cape	Alfred Nzo Local Municipality	Ntabankulu	294	Mpumalanga	Bushbuckridge Local Municipality	Mkhuhlu
295	Eastern Cape	Amathole District Municipality	Adelaide	296	Mpumalanga	Bushbuckridge Local Municipality	Thulamahashe
297	Eastern Cape	Amathole District Municipality	Alice-Fort Hare	298	Mpumalanga	Bushbuckridge Local Municipality	Hoxane
299	Eastern Cape	Amathole District Municipality	Amabele	300	Mpumalanga	Bushbuckridge Local Municipality	Maviljan
301	Eastern Cape	Amathole District Municipality	Bedford	302	Mpumalanga	Bushbuckridge Local Municipality	Tintswalo
303	Eastern Cape	Amathole District Municipality	Butterworth	304	Mpumalanga	Bushbuckridge Local Municipality	Acornhoek
305	Eastern Cape	Amathole District Municipality	Cathcart	306	Mpumalanga	Dipaleseng Local Municipality	Manghwazi
307	Eastern Cape	Amathole District Municipality	Cinstat East	308	Mpumalanga	Dipaleseng Local Municipality	Balfour
309	Eastern Cape	Amathole District Municipality	Fort Beaufort	310	Mpumalanga	Dipaleseng Local Municipality	Groutvlei Eskom
311	Eastern Cape	Amathole District Municipality	Idutywa	312	Mpumalanga	Dipaleseng Local Municipality	Grootvlei Mine
313	Eastern Cape	Amathole District Municipality	Kei Mouth	314	Mpumalanga	Dr JS Moroka Local Municipality	Greylingstad
315	Eastern Cape	Amathole District Municipality	Keiskammahoek	316	Mpumalanga	Dr JS Moroka Local Municipality	Siyabuswa
317	Eastern Cape	Amathole District Municipality	Komga	318	Mpumalanga	Dr JS Moroka Local Municipality	Vaalbank/Libangeni

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
319	Eastern Cape	Amathole District Municipality	Middledrift	320	Mpumalanga	Emakhazeni Local Municipality	Toitskraal
321	Eastern Cape	Amathole District Municipality	Peddle	322	Mpumalanga	Emakhazeni Local Municipality	Machadodorp
323	Eastern Cape	Amathole District Municipality	Seymour	324	Mpumalanga	Emakhazeni Local Municipality	Belfast
325	Eastern Cape	Amathole District Municipality	Stutterheim	326	Mpumalanga	Emakhazeni Local Municipality	Dullstroom
327	Eastern Cape	Baviaans Local Municipality	Steytlerville WWTW	328	Mpumalanga	Emakhazeni Local Municipality	Emthorjeni
329	Eastern Cape	Baviaans Local Municipality	Willowmore WWTW	330	Mpumalanga	Emalahleni Local Municipality	WatervalBoven-Mgwenwa
331	Eastern Cape	Baviaans Local Municipality	Rietbron WWTW	332	Mpumalanga	Emalahleni Local Municipality	Rivervu
333	Eastern Cape	Blue Crane Route Local Municipality	Cookhouse	334	Mpumalanga	Emalahleni Local Municipality	Ferrobank
335	Eastern Cape	Blue Crane Route Local Municipality	Pearston	336	Mpumalanga	Emalahleni Local Municipality	Klipspruit
337	Eastern Cape	Blue Crane Route Local Municipality	Somerset East	338	Mpumalanga	Emalahleni Local Municipality	Naaupoort
339	Eastern Cape	Buffalo City Local Municipality	Amalinda Central	340	Mpumalanga	Emalahleni Local Municipality	Kriel-Ganala
341	Eastern Cape	Buffalo City Local Municipality	Berlin	342	Mpumalanga	Emalahleni Local Municipality	Phola-Ogies
343	Eastern Cape	Buffalo City Local Municipality	Breidbach	344	Mpumalanga	Govan Mbeki Local Municipality	Rietspruit

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
345	Eastern Cape	Buffalo City Local Municipality	Bisho	346	Mpumalanga	Govan Mbeki Local Municipality	Embalenhle
347	Eastern Cape	Buffalo City Local Municipality	Dimbaza	348	Mpumalanga	Govan Mbeki Local Municipality	Kinross
349	Eastern Cape	Buffalo City Local Municipality	East Bank	350	Mpumalanga	Govan Mbeki Local Municipality	Leandra-Leslie
351	Eastern Cape	Buffalo City Local Municipality	Gonubie	352	Mpumalanga	Govan Mbeki Local Municipality	Bthal
353	Eastern Cape	Buffalo City Local Municipality	Keyser's Beach	354	Mpumalanga	Govan Mbeki Local Municipality	Evander
355	Eastern Cape	Buffalo City Local Municipality	Kidd's Beach	356	Mpumalanga	Lekwa Local Municipality	Trichardt
357	Eastern Cape	Buffalo City Local Municipality	Mdantsane East	358	Mpumalanga	Lekwa Local Municipality	Standerton
359	Eastern Cape	Buffalo City Local Municipality	Postdam	360	Mpumalanga	Mbombela Local Municipality	Morgenzon
361	Eastern Cape	Buffalo City Local Municipality	Reeston	362	Mpumalanga	Mbombela Local Municipality	Kabokweni
363	Eastern Cape	Buffalo City Local Municipality	Schornville KWT	364	Mpumalanga	Mbombela Local Municipality	Kingstonvale
365	Eastern Cape	Buffalo City Local Municipality	West Bank	366	Mpumalanga	Mbombela Local Municipality	White river
367	Eastern Cape	Buffalo City Local Municipality	Zwelitsha	368	Mpumalanga	Mbombela Local Municipality	Kanyamazane
369	Eastern Cape	Camdeboo Local Municipality	Aberdeen	370	Mpumalanga	Mbombela Local Municipality	Hazyview

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
371	Eastern Cape	Camdeboo Local Municipality	Graff Reniet	372	Mpumalanga	Mbombela Local Municipality	Matsulu
373	Eastern Cape	Camdeboo Local Municipality	NieuBethesda	374	Mpumalanga	Mbombela Local Municipality	Rockys Drift
375	Eastern Cape	Chris Hani District Municipality	Cala	376	Mpumalanga	Mbombela Local Municipality	Davel
377	Eastern Cape	Chris Hani District Municipality	Cofimvaba	378	Mpumalanga	Mbombela Local Municipality	Lothair
379	Eastern Cape	Chris Hani District Municipality	Craddock	380	Mpumalanga	Mbombela Local Municipality	Hectorspruit
381	Eastern Cape	Chris Hani District Municipality	Dordrecht	382	Mpumalanga	PixleykaSeme Local Municipality	Malelane
383	Eastern Cape	Chris Hani District Municipality	Elliot	384	Mpumalanga	PixleykaSeme Local Municipality	Volksrust
385	Eastern Cape	Chris Hani District Municipality	Engcobo	386	Mpumalanga	PixleykaSeme Local Municipality	Vukuzakhe
387	Eastern Cape	Chris Hani District Municipality	Hofmeyr	388	Mpumalanga	PixleykaSeme Local Municipality	Wakkerstroom
389	Eastern Cape	Chris Hani District Municipality	Indwe	390	Mpumalanga	PixleykaSeme Local Municipality	Amersfoort
391	Eastern Cape	Chris Hani District Municipality	Lady Frere	392	Mpumalanga	Steve Tshwete Local Municipality	Perdekop
393	Eastern Cape	Chris Hani District Municipality	Molteno	394	Mpumalanga	Steve Tshwete Local Municipality	Boskrans-Mlhuzi-Middelburg
395	Eastern Cape	Chris Hani District Municipality	Middleburg	396	Mpumalanga	Steve Tshwete Local Municipality	KwaZamokuhle-hendrina

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
397	Eastern Cape	Chris Hani District Municipality	Queenstown	398	Mpumalanga	Steve Tshwete Local Municipality	Komati
399	Eastern Cape	Chris Hani District Municipality	Sada	400	Mpumalanga	Thaba Cheuw Local Municipality	BlinkTweefonteinpan-Mine Village
401	Eastern Cape	Chris Hani District Municipality	Sterkstroom	402	Mpumalanga	Thaba Cheuw Local Municipality	Lydenburg
403	Eastern Cape	Chris Hani District Municipality	Tarkastad	404	Mpumalanga	Thaba Cheuw Local Municipality	Sabie
405	Eastern Cape	Chris Hani District Municipality	Tsomo	406	Mpumalanga	Thembisile Local Municipality	Graskop
407	Eastern Cape	Ikwezi Local Municipality	Kliplaats	408	Mpumalanga	Thembisile Local Municipality	KwaMhlanga Ponds East
409	Eastern Cape	Ikwezi Local Municipality	Jansenville	410	Mpumalanga	Umjindi Local Municipality	KwaMhlanga West
411	Eastern Cape	Joe Gqabi District Municipality	Aliwal North	412	Mpumalanga	Victor Khanye Local Municipality	Barberton
413	Eastern Cape	Joe Gqabi District Municipality	Barkley East (Old Plant)	414	Mpumalanga	Victor Khanye Local Municipality	Botteng
415	Eastern Cape	Joe Gqabi District Municipality	Barkley East (New Plant)	416	Mpumalanga	Victor Khanye Local Municipality	Delmas
417	Eastern Cape	Joe Gqabi District Municipality	Burgersdorp	418	North West	Dr Ruth S Mompoti Local Municipality	Bloemhof
419	Eastern Cape	Joe Gqabi District Municipality	Nerchle	420	North West	Dr Ruth S Mompoti Local Municipality	Soweizer-Reinecker
421	Eastern Cape	Joe Gqabi District Municipality	Jamesstown	422	North West	Dr Ruth S Mompoti Local Municipality	Vryburg

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423	Eastern Cape	Joe Gqabi District Municipality	Lady Grey	424	North West	Kgetleng river Local Municipality	Christiana
425	Eastern Cape	Joe Gqabi District Municipality	Maclear (AS)	426	North West	Kgetleng river Local Municipality	Koster
427	Eastern Cape	Joe Gqabi District Municipality	Maclear (OP)	428	North West	Madibeng Local Municipality	Swartruggens
429	Eastern Cape	Joe Gqabi District Municipality	Mount Fletcher	430	North West	Madibeng Local Municipality	Brits
431	Eastern Cape	Joe Gqabi District Municipality	Oviston	432	North West	Madibeng Local Municipality	Lethabile
433	Eastern Cape	Joe Gqabi District Municipality	Prenjiesberg	434	North West	Madibeng Local Municipality	Haartbeespoort
435	Eastern Cape	Joe Gqabi District Municipality	Sterkspruit	436	North West	Maquassi hills Local Municipality	Mothotlung
437	Eastern Cape	Joe Gqabi District Municipality	Steynsburg	438	North West	Maquassi hills Local Municipality	Leeudoringstad
439	Eastern Cape	Joe Gqabi District Municipality	Ugie	440	North West	Matlosana Local Municipality	Wolmaranstad
441	Eastern Cape	Joe Gqabi District Municipality	Venterstad	442	North West	Matlosana Local Municipality	Klerksdorp
443	Eastern Cape	Kouga Local Municipality	Hankey	444	North West	Matlosana Local Municipality	Orkney
445	Eastern Cape	Kouga Local Municipality	Humansdorp	446	North West	Matlosana Local Municipality	Stifontein
447	Eastern Cape	Kouga Local Municipality	Jeffreys Bay	448	North West	Moretele Local Municipality	Haartbeesfontein

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449	Eastern Cape	Kouga Local Municipality	Kruisfontein	450	North West	Moses Kotane Local Municipality	Ga MotlaSwartdam
451	Eastern Cape	Kouga Local Municipality	Loerie	452	North West	Moses Kotane Local Municipality	Madikwe
453	Eastern Cape	Kouga Local Municipality	St Francis	454	North West	Ngaka Modiri Molema Local Municipality	Mogwase
455	Eastern Cape	Kouga Local Municipality	Thornhill	456	North West	Ngaka Modiri Molema Local Municipality	Mmabatho
457	Eastern Cape	Koukamma Local Municipality	Blikkiesdorp	458	North West	Ngaka Modiri Molema Local Municipality	Lichtenburg
459	Eastern Cape	Koukamma Local Municipality	Clarkson	460	North West	Ngaka Modiri Molema Local Municipality	Daleryville
461	Eastern Cape	Koukamma Local Municipality	Coldstream 1	462	North West	Ngaka Modiri Molema Local Municipality	Lehurutshe-Welbedacht
463	Eastern Cape	Koukamma Local Municipality	Coldstream 2 / Laaurel Ridge	464	North West	Ngaka Modiri Molema Local Municipality	Ottosdal
465	Eastern Cape	Koukamma Local Municipality	Joubertina / Ravinia	466	North West	Ngaka Modiri Molema Local Municipality	Sannieshof
467	Eastern Cape	Koukamma Local Municipality	Kareedouw	468	North West	Ngaka Modiri Molema Local Municipality	Zeerust
469	Eastern Cape	Koukamma Local Municipality	Krakeel River	470	North West	Ngaka Modiri Molema Local Municipality	Itsoeng
471	Eastern Cape	Koukamma Local Municipality	Louter Water	472	North West	Ngaka Modiri Molema Local Municipality	Mafikeng
473	Eastern Cape	Koukamma Local Municipality	Misgund	474	North West	Ngaka Modiri Molema Local Municipality	Atamelang

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475	Eastern Cape	Koukamma Local Municipality	Nompumelelo / Sandrift Mandelapark	476	North West	Rustenburg Local Municipality	Coligny
477	Eastern Cape	Koukamma Local Municipality	Stormsriver	478	North West	Rustenburg Local Municipality	Boitekong
479	Eastern Cape	Koukamma Local Municipality	Woodlands	480	North West	Rustenburg Local Municipality	Rustenburg
481	Eastern Cape	Makana Local Municipality	Alicedale	482	North West	Rustenburg Local Municipality	Lethabong
483	Eastern Cape	Makana Local Municipality	Belmont Valley	484	North West	Tlokwe Local Municipality	Monakato
485	Eastern Cape	Makana Local Municipality	Mayfield	486	North West	Ventersdorp Local Municipality	Potchefstroom-Tlokwe
487	Eastern Cape	Ndlambe Local Municipality	Alexandria / Kwanonkqubela	488	North West	Ventersdorp Local Municipality	Ventersdorp
489	Eastern Cape	Ndlambe Local Municipality	Bathurst / Molukhanyo	490	Northern Cape	Kai Garib Local Municipality	Kakamas
491	Eastern Cape	Ndlambe Local Municipality	Boesman river Mouth / Marselle	492	Northern Cape	Kai Garib Local Municipality	Keimoes
493	Eastern Cape	Ndlambe Local Municipality	Kenton on Sea / Ekuphumleni	494	Northern Cape	iKheis Local Municipality	Kenhardt
495	Eastern Cape	Ndlambe Local Municipality	Port Alfred	496	Northern Cape	iKheis Local Municipality	Groblershoop
497	Eastern Cape	Nelson Mandela Metropolitan Municipality	Cape Recife	498	Northern Cape	iKheis Local Municipality	Brandboom
499	Eastern Cape	Nelson Mandela Metropolitan Municipality	Despatch	500	Northern Cape	iKheis Local Municipality	Wegdraai

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
501	Eastern Cape	Nelson Mandela Metropolitan Municipality	Driftsands	502	Northern Cape	iKheis Local Municipality	Topline
503	Eastern Cape	Nelson Mandela Metropolitan Municipality	Fishwater Flats-Domestic	504	Northern Cape	Dikgatlong Local Municipality	Grootdrink
505	Eastern Cape	Nelson Mandela Metropolitan Municipality	Fishwater Flats Industrial	506	Northern Cape	Dikgatlong Local Municipality	Barkly West
507	Eastern Cape	Nelson Mandela Metropolitan Municipality	Kelvin Jones	508	Northern Cape	Dikgatlong Local Municipality	Delpoortshoop
509	Eastern Cape	Nelson Mandela Metropolitan Municipality	KwaNobuhle	510	Northern Cape	Emthanjeni Local Municipality	Windsorton
511	Eastern Cape	Nelson Mandela Metropolitan Municipality	Rocklands	512	Northern Cape	Emthanjeni Local Municipality	De Aar
513	Eastern Cape	OR Tambo District Municipality	Bizana	514	Northern Cape	Emthanjeni Local Municipality	Britstown
515	Eastern Cape	OR Tambo District Municipality	Flagstaff	516	Northern Cape	Gamagara Local Municipality	Hanover
517	Eastern Cape	OR Tambo District Municipality	Lusikisiki	518	Northern Cape	Gamagara Local Municipality	Olifantshoek
519	Eastern Cape	OR Tambo District Municipality	Mqanduli	520	Northern Cape	Gamagara Local Municipality	Dibeng
521	Eastern Cape	OR Tambo District Municipality	Mthatha	522	Northern Cape	Gamagara Local Municipality	Dingleton

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
523	Eastern Cape	OR Tambo District Municipality	Ngqeleni	524	Northern Cape	Ga-Segonyana Local Municipality	Kathu
525	Eastern Cape	OR Tambo District Municipality	Ntabankulu	526	Northern Cape	Ga-Segonyana Local Municipality	Kuruman
527	Eastern Cape	OR Tambo District Municipality	Port St Johns	528	Northern Cape	Hantam Local Municipality	Mothibstad
529	Eastern Cape	OR Tambo District Municipality	Qumbu	530	Northern Cape	Hantam Local Municipality	Brandvlei
531	Eastern Cape	OR Tambo District Municipality	Tsolo	532	Northern Cape	Hantam Local Municipality	Calvinia
533	Eastern Cape	Sundays River Valley Local Municipality	Enon/ Bersheba	534	Northern Cape	Hantam Local Municipality	Loeriesfontein
535	Eastern Cape	Sundays River Valley Local Municipality	Greater Addo	536	Northern Cape	Hantam Local Municipality	Nieuwoudtville
537	Eastern Cape	Sundays River Valley Local Municipality	Greater Kirkwood	538	Northern Cape	Joe Morolong Local Municipality	Middelpos
539	Eastern Cape	Sundays River Valley Local Municipality	Peterson	540	Northern Cape	Joe Morolong Local Municipality	Hotazel
541	Free State	Dhlabeng Local Municipality	Bethlehem	542	Northern Cape	Kamiesberg Local Municipality	Van Zylsrus
543	Free State	Dhlabeng Local Municipality	Clarens/ Kgubetswana	544	Northern Cape	Kamiesberg Local Municipality	Garies
545	Free State	Dhlabeng Local Municipality	Fouriesburg/ Mashaeng	546	Northern Cape	Kareeberg Local Municipality	Kamieskroon
547	Free State	Dhlabeng Local Municipality	Paul Roux	548	Northern Cape	Kareeberg Local Municipality	Carnarvon

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
549	Free State	Dihlabeng Local Municipality	Rosendal/ Mautse	550	Northern Cape	Kareeberg Local Municipality	Vanwyksvlei
551	Free State	Kopanong Local Municipality	Bethulie	552	Northern Cape	Karoo Hoogland Local Municipality	Vosburg
553	Free State	Kopanong Local Municipality	Edenburg	554	Northern Cape	Karoo Hoogland Local Municipality	Williston
555	Free State	Kopanong Local Municipality	Fauresmith	556	Northern Cape	Karoo Hoogland Local Municipality	Fraserburg
557	Free State	Kopanong Local Municipality	Gariep Dam	558	Northern Cape	Kgatelopele Local Municipality	Sutherland
559	Free State	Kopanong Local Municipality	Jagersfontein	560	Northern Cape	Khai Ma Local Municipality	Danielskuil
561	Free State	Kopanong Local Municipality	Philipolis	562	Northern Cape	KharaHais Local Municipality	Pofadder
563	Free State	Kopanong Local Municipality	Reddersburg	564	Northern Cape	KharaHais Local Municipality	Kameelmond
565	Free State	Kopanong Local Municipality	Springfontein	566	Northern Cape	Magareng Local Municipality	Louisvaleweg
567	Free State	Kopanong Local Municipality	Trompsburg	568	Northern Cape	Mier Local Municipality	Warrenton
569	Free State	Letsemeng Local Municipality	Jacobsdal	570	Northern Cape	Mier Local Municipality	Rietfontein
571	Free State	Letsemeng Local Municipality	Luckhoff	572	Northern Cape	Mier Local Municipality	Askham
573	Free State	Letsemeng Local Municipality	Kofffontein	574	Northern Cape	NamaKhoi Local Municipality	Loubos

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
575	Free State	Letsemeng Local Municipality	Oppermansgronde	576	Northern Cape	NamaKhoi Local Municipality	Bergsig
577	Free State	Letsemeng Local Municipality	Petrusburg	578	Northern Cape	NamaKhoi Local Municipality	Carolusberg
579	Free State	Mafube Local Municipality	Cornelia	580	Northern Cape	NamaKhoi Local Municipality	Concordia
581	Free State	Mafube Local Municipality	Frankfort	582	Northern Cape	NamaKhoi Local Municipality	Komaggas
583	Free State	Mafube Local Municipality	Tweeling	584	Northern Cape	NamaKhoi Local Municipality	Nababeep
585	Free State	Mafube Local Municipality	Namahadi	586	Northern Cape	NamaKhoi Local Municipality	Okiep
587	Free State	Mafube Local Municipality	Villiers/ QalaMoedingbotjha	588	Northern Cape	NamaKhoi Local Municipality	Springbok
589	Free State	Maluti	Elandsriver	590	Northern Cape	Phokwane Local Municipality	Steinkopf
591	Free State	Maluti	Kestell	592	Northern Cape	Phokwane Local Municipality	Pampierstad
593	Free State	Maluti	Makwane/Matsegeng	594	Northern Cape	Phokwane Local Municipality	Jan Kempdorp
595	Free State	Maluti	Moeding	596	Northern Cape	Renosterberg Local Municipality	Hartswater
597	Free State	Maluti	Phuthaditjaba	598	Northern Cape	Renosterberg Local Municipality	Vanderkloof
599	Free State	Maluti	Tshiame	600	Northern Cape	Renosterberg Local Municipality	Petrusville

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
601	Free State	Maluti	Wilge/Harrismith	602	Northern Cape	Richtersveld Local Municipality	Philipstown
603	Free State	Mangaung Metropolitan Municipality	Bainsvlei	604	Northern Cape	Siyancuma Local Municipality	Port Nolloth
605	Free State	Mangaung Metropolitan Municipality	Bloemindustria	606	Northern Cape	Siyancuma Local Municipality	Douglas
607	Free State	Mangaung Metropolitan Municipality	Blowmspruit	608	Northern Cape	Siyancuma Local Municipality	Griekwastad
609	Free State	Mangaung Metropolitan Municipality	Bothsabelo	610	Northern Cape	Siyathemba Local Municipality	Schmidtsdrift
611	Free State	Mangaung Metropolitan Municipality	Northern Works	612	Northern Cape	Siyathemba Local Municipality	Prieska
613	Free State	Mangaung Metropolitan Municipality	Sterkwater	614	Northern Cape	Siyathemba Local Municipality	Marydale
615	Free State	Mangaung Metropolitan Municipality	Thaba Nchu	616	Northern Cape	Sol Plaatjie Local Municipality	Niekerkshoop
617	Free State	Mangaung Metropolitan Municipality	Welvaart	618	Northern Cape	Sol Plaatjie Local Municipality	Beaconsfield
619	Free State	Mantsopa Local Municipality	Excelsior	620	Northern Cape	Sol Plaatjie Local Municipality	Homevale
621	Free State	Mantsopa Local Municipality	Hobhouse	622	Northern Cape	Thembelihle Local Municipality	Ritchie

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
623	Free State	Mantsopa Local Municipality	Lady Brand	624	Northern Cape	Thembelihle Local Municipality	Hopetown (Old)
625	Free State	Mantsopa Local Municipality	Thaba Patdisa	626	Northern Cape	Thembelihle Local Municipality	Hopetown (New)
627	Free State	Mantsopa Local Municipality	Tweespruit	628	Northern Cape	Thembelihle Local Municipality	Strydenburg (Old)
629	Free State	Masilonyana Local Municipality	Brandfort	630	Northern Cape	Tsantsabane Local Municipality	Strydenburg (New)
631	Free State	Masilonyana Local Municipality	Soutpan	632	Northern Cape	Tsantsabane Local Municipality	Postmasburg
633	Free State	Masilonyana Local Municipality	Theunissen	634	Northern Cape	Ubuntu Local Municipality	Jenn-Haven
635	Free State	Masilonyana Local Municipality	Verkeerdelei	636	Northern Cape	Ubuntu Local Municipality	Loxton
637	Free State	Masilonyana Local Municipality	Winburg	638	Northern Cape	Ubuntu Local Municipality	Richmond
639	Free State	Matjhabeng Local Municipality	Allanridge	640	Northern Cape	Umsobomvu Local Municipality	Victoria West
641	Free State	Matjhabeng Local Municipality	Henneman	642	Northern Cape	Umsobomvu Local Municipality	Colesberg
643	Free State	Matjhabeng Local Municipality	Kutwanong	644	Northern Cape	Umsobomvu Local Municipality	Norvalspont
645	Free State	Matjhabeng Local Municipality	Mmamahabane-Mbabane	646	Northern Cape	Umsobomvu Local Municipality	Noupoort
647	Free State	Matjhabeng Local Municipality	Odendaalsrust	648	Western Cape	Witzenberg Local Municipality	Ceres

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
649	Free State	Matjhabeng Local Municipality	Phomolong	650	Western Cape	Witzenberg Local Municipality	Tulbagh
651	Free State	Matjhabeng Local Municipality	Thabong	652	Western Cape	Witzenberg Local Municipality	Wolseley
653	Free State	Matjhabeng Local Municipality	Theronia	654	Western Cape	Theewaterskloof Local Municipality	Op-de-Berg
655	Free State	Matjhabeng Local Municipality	Ventersburg	656	Western Cape	Theewaterskloof Local Municipality	Botrivier
657	Free State	Matjhabeng Local Municipality	Virginia	658	Western Cape	Theewaterskloof Local Municipality	Caledon
659	Free State	Matjhabeng Local Municipality	Witpan	660	Western Cape	Theewaterskloof Local Municipality	Grabouw
661	Free State	Metsimaholo Local Municipality	Deneyville	662	Western Cape	Theewaterskloof Local Municipality	Riviersonderend
663	Free State	Metsimaholo Local Municipality	Sasolburg	664	Western Cape	Theewaterskloof Local Municipality	Genadendal
665	Free State	Metsimaholo Local Municipality	Oranjeville	666	Western Cape	Theewaterskloof Local Municipality	Villiersdorp
667	Free State	Mohokare Local Municipality	Rouxville	668	Western Cape	Swellendam Local Municipality	Greyton
669	Free State	Mohokare Local Municipality	Smithfield	670	Western Cape	Swellendam Local Municipality	Klipperivier
671	Free State	Mohokare Local Municipality	Zastron	672	Western Cape	Swellendam Local Municipality	Koornlands
673	Free State	Moghaka Local Municipality	Kroonstad	674	Western Cape	Swellendam Local Municipality	Buffeljags

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
675	Free State	Moghaka Local Municipality	Steynsrus	676	Western Cape	Swellendam Local Municipality	Suurbraak
677	Free State	Moghaka Local Municipality	Viljoenskroon	678	Western Cape	Swartland Local Municipality	Barrydale
679	Free State	Nala Local Municipality	Bothaville	680	Western Cape	Swartland Local Municipality	Malmesbury
681	Free State	Nala Local Municipality	Wesselsbron	682	Western Cape	Swartland Local Municipality	Darling
683	Free State	Naledi Local Municipality	Dewetsdorp	684	Western Cape	Swartland Local Municipality	Chatsworth
685	Free State	Naledi Local Municipality	Van Stadensrus	686	Western Cape	Swartland Local Municipality	Kalbaskraal
687	Free State	Naledi Local Municipality	Wepener	688	Western Cape	Swartland Local Municipality	RiebeeckKasteel
689	Free State	Ngwathe Local Municipality	Edenville	690	Western Cape	Swartland Local Municipality	Riebeeck Wes
691	Free State	Ngwathe Local Municipality	Heibron	692	Western Cape	Swartland Local Municipality	Moorreesburg
693	Free State	Ngwathe Local Municipality	Koppies	694	Western Cape	Swartland Local Municipality	Koringberg
695	Free State	Ngwathe Local Municipality	Parys	696	Western Cape	Stellenbosch Local Municipality	Ongegund (PPC)
697	Free State	Ngwathe Local Municipality	Vredefort	698	Western Cape	Stellenbosch Local Municipality	Stellenbosch
699	Free State	Nketoana Local Municipality	Arlington	700	Western Cape	Stellenbosch Local Municipality	Raithby

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
701	Free State	Nketoana Local Municipality	Lindley/Ntha	702	Western Cape	Stellenbosch Local Municipality	Priel
703	Free State	Nketoana Local Municipality	Petrus Stern	704	Western Cape	Stellenbosch Local Municipality	Wemmershoek
705	Free State	Nketoana Local Municipality	Reitz	706	Western Cape	Stellenbosch Local Municipality	Franschhoek
707	Free State	Phumelela Local Municipality	Memel	708	Western Cape	Saldanha Bay Local Municipality	Klapmus
709	Free State	Phumelela Local Municipality	Vrede	710	Western Cape	Saldanha Bay Local Municipality	Hopefield
711	Free State	Phumelela Local Municipality	Warden	712	Western Cape	Saldanha Bay Local Municipality	Langville
713	Free State	Setoto Local Municipality	Clocolan	714	Western Cape	Saldanha Bay Local Municipality	Langebaan
715	Free State	Setoto Local Municipality	Ficksburg	716	Western Cape	Saldanha Bay Local Municipality	Paternoster
717	Free State	Setoto Local Municipality	Marquard	718	Western Cape	Saldanha Bay Local Municipality	Saldanha
719	Free State	Setoto Local Municipality	Senekal	720	Western Cape	Saldanha Bay Local Municipality	Sandy Point
721	Free State	Tokologo Local Municipality	Boshoff	722	Western Cape	Prince Albert Local Municipality	Vredenburg
723	Free State	Tokologo Local Municipality	Dealesville	724	Western Cape	Prince Albert Local Municipality	Prince Albert
725	Free State	Tokologo Local Municipality	Hertzogville	726	Western Cape	Prince Albert Local Municipality	Leeueganka

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
727	Free State	Tswelopele Local Municipality	Bultfontein	728	Western Cape	Overstrand Local Municipality	Klaarstroom
729	Free State	Tswelopele Local Municipality	Hoopstad	730	Western Cape	Overstrand Local Municipality	Gansbaai
731	Gauteng	City of Johannesburg	Driefontein	732	Western Cape	Overstrand Local Municipality	Hauston
733	Gauteng	City of Johannesburg	Ennerdale	734	Western Cape	Overstrand Local Municipality	Hermanus
735	Gauteng	City of Johannesburg	Goukoppies	736	Western Cape	Overstrand Local Municipality	Kleinmond
737	Gauteng	City of Johannesburg	Bushkoppies	738	Western Cape	Oudtshoorn Local Municipality	Stranford
739	Gauteng	City of Johannesburg	Northern Works	740	Western Cape	Oudtshoorn Local Municipality	De Rust
741	Gauteng	City of Johannesburg	Olifantvlei	742	Western Cape	Oudtshoorn Local Municipality	Oudtshoorn
743	Gauteng	City of Tshwane	Babelegi	744	Western Cape	Mossel Bay Local Municipality	Dysseldorp
745	Gauteng	City of Tshwane	Baviaanspoort	746	Western Cape	Mossel Bay Local Municipality	Mossel Bay
747	Gauteng	City of Tshwane	Daspoort	748	Western Cape	Mossel Bay Local Municipality	Friemersheim B
749	Gauteng	City of Tshwane	Ekangala Oxidation Ponds	750	Western Cape	Mossel Bay Local Municipality	Grootbrak
751	Gauteng	City of Tshwane	Godrich	752	Western Cape	Mossel Bay Local Municipality	Herbertsdale

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
753	Gauteng	City of Tshwane	Klipgat	754	Western Cape	Mossel Bay Local Municipality	Pinnacle point
755	Gauteng	City of Tshwane	Rayton	756	Western Cape	Mossel Bay Local Municipality	Ruiterbos
757	Gauteng	City of Tshwane	Refilwe	758	Western Cape	Matzikama Local Municipality	Brandwag
759	Gauteng	City of Tshwane	Rethabiseng	760	Western Cape	Matzikama Local Municipality	Doringbaai
761	Gauteng	City of Tshwane	Rietgat	762	Western Cape	Matzikama Local Municipality	Bitterfontein
763	Gauteng	City of Tshwane	Rooiwal East	764	Western Cape	Matzikama Local Municipality	Ebannarser
765	Gauteng	City of Tshwane	Rooiwal North	766	Western Cape	Matzikama Local Municipality	Klawre
767	Gauteng	City of Tshwane	Sandspruit	768	Western Cape	Matzikama Local Municipality	Koekenaap
769	Gauteng	City of Tshwane	Summersplace	770	Western Cape	Matzikama Local Municipality	Lutzville
771	Gauteng	City of Tshwane	Sunderland Ridge	772	Western Cape	Matzikama Local Municipality	Lutzvillewes
773	Gauteng	City of Tshwane	Temba	774	Western Cape	Matzikama Local Municipality	Nuwerus
775	Gauteng	City of Tshwane	Zeekoegat	776	Western Cape	Matzikama Local Municipality	Strandfontein
777	Gauteng	Ekurhuleni	Anchor	778	Western Cape	Matzikama Local Municipality	Van Rhynsdorp

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
779	Gauteng	Ekurhuleni	Benoni	780	Western Cape	Matzikama Local Municipality	Vredendal North
781	Gauteng	Ekurhuleni	Carl Grundling	782	Western Cape	Matzikama Local Municipality	Vredendal South
783	Gauteng	Ekurhuleni	Dekema	784	Western Cape	Langeberg Local Municipality	Ashton
785	Gauteng	Ekurhuleni	Daveyton	786	Western Cape	Langeberg Local Municipality	Bonnievale
787	Gauteng	Ekurhuleni	Esther Park	788	Western Cape	Langeberg Local Municipality	McGregor
789	Gauteng	Ekurhuleni	Hartebeesfontein	790	Western Cape	Langeberg Local Municipality	Montague
791	Gauteng	Ekurhuleni	Herbert Bickley	792	Western Cape	Langeberg Local Municipality	Robertson
793	Gauteng	Ekurhuleni	Jan Smuts	794	Western Cape	Laingsburg Local Municipality	Laingsburg
795	Gauteng	Ekurhuleni	JP Marais	796	Western Cape	Knysna Local Municipality	Belvedere
797	Gauteng	Ekurhuleni	Olifantsfontein	798	Western Cape	Knysna Local Municipality	Brenton on sea
799	Gauteng	Ekurhuleni	Rondebult	800	Western Cape	Knysna Local Municipality	Karatara
801	Gauteng	Ekurhuleni	Rynfield	802	Western Cape	Knysna Local Municipality	Knysna ASP
803	Gauteng	Ekurhuleni	Tsakane	804	Western Cape	Knysna Local Municipality	Knysna SBR
805	Gauteng	Ekurhuleni	Vlakplaats	806	Western Cape	Knysna Local Municipality	Rheenendal
807	Gauteng	Ekurhuleni	Waterval	808	Western Cape	Knysna Local Municipality	Sedgefield
809	Gauteng	Ekurhuleni	Welgedacht	810	Western Cape	Kannaland Local Municipality	Ladismith

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
811	Gauteng	Emfuleni	Leeukuil	812	Western Cape	Kannaland Local Municipality	Calitzdorp
813	Gauteng	Emfuleni	Rietspruit	814	Western Cape	Kannaland Local Municipality	Zoar
815	Gauteng	Emfuleni	Sebokeng	816	Western Cape	Hessequa Local Municipality	Albertina
817	Gauteng	Lesedi	Hiedelburg	818	Western Cape	Hessequa Local Municipality	Garcia
819	Gauteng	Lesedi	Ratanda	820	Western Cape	Hessequa Local Municipality	Gouritzmand
821	Gauteng	Merafong LM	Khutsong	822	Western Cape	Hessequa Local Municipality	Heidelberg
823	Gauteng	Merafong LM	Kokosi-Fochville	824	Western Cape	Hessequa Local Municipality	Jongensfontein
825	Gauteng	Merafong LM	Oberholzer	826	Western Cape	Hessequa Local Municipality	Melkhoufontein
827	Gauteng	Merafong LM	Welverdiend	828	Western Cape	Hessequa Local Municipality	Riversdale
829	Gauteng	Merafong LM	Wedela	830	Western Cape	Hessequa Local Municipality	Slanghuis
831	Gauteng	Midvaal	Meyerton	832	Western Cape	Hessequa Local Municipality	Stilbaai
833	Gauteng	Midvaal	OheniMuri	834	Western Cape	Hessequa Local Municipality	Witsand
835	Gauteng	Midvaal	Vaal Marina	836	Western Cape	George Local Municipality	Gwaing
837	Gauteng	Mogale City	Flip Human	838	Western Cape	George Local Municipality	Haarlem
839	Gauteng	Mogale City	Magaliesburg	840	Western Cape	George Local Municipality	Harold's Bay

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
841	Gauteng	Mogale City	Percy Stewart	842	Western Cape	George Local Municipality	Outeniqua
843	Gauteng	Randfontein	Hannes Van Niekerk	844	Western Cape	George Local Municipality	Uniondale
845	KwaZulu-Natal	Amajuba Local Municipality	Utrecht	846	Western Cape	George Local Municipality	Kleinkranz
847	KwaZulu-Natal	Amajuba Local Municipality	Tweediedale	848	Western Cape	Drakenstein Local Municipality	Gouda
849	KwaZulu-Natal	Amajuba Local Municipality	Welgedacht	850	Western Cape	Drakenstein Local Municipality	Hermon
851	KwaZulu-Natal	Amajuba Local Municipality	Durnacol	852	Western Cape	Drakenstein Local Municipality	Kliprug
853	KwaZulu-Natal	eThekweni Metropolitan Municipality	Amanzimtoti	854	Western Cape	Drakenstein Local Municipality	Paarl
855	KwaZulu-Natal	eThekweni Metropolitan Municipality	Cato Ridge	856	Western Cape	Drakenstein Local Municipality	Saron
857	KwaZulu-Natal	eThekweni Metropolitan Municipality	Central	858	Western Cape	Drakenstein Local Municipality	wellington
859	KwaZulu-Natal	eThekweni Metropolitan Municipality	Craigieburn	860	Western Cape	City of Cape town	Athlone
861	KwaZulu-Natal	eThekweni Metropolitan Municipality	Dassenhoek	862	Western Cape	City of Cape town	Bellville
863	KwaZulu-Natal	eThekweni Metropolitan Municipality	Fredville	864	Western Cape	City of Cape town	Greenpoint

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
865	KwaZulu-Natal	eThekweni Metropolitan Municipality	Genazzano	866	Western Cape	City of Cape town	Camp,s Bay
867	KwaZulu-Natal	eThekweni Metropolitan Municipality	Glenwood Road	868	Western Cape	City of Cape town	Cape Flats
869	KwaZulu-Natal	eThekweni Metropolitan Municipality	Hammarisdale	870	Western Cape	City of Cape town	Gordon's Bay
871	KwaZulu-Natal	eThekweni Metropolitan Municipality	Hillcrest	872	Western Cape	City of Cape town	Borchard's Quarry
873	KwaZulu-Natal	eThekweni Metropolitan Municipality	Isipingo	874	Western Cape	City of Cape town	Groot Springfontein
875	KwaZulu-Natal	eThekweni Metropolitan Municipality	Kingsburgh	876	Western Cape	City of Cape town	Hout Bay
877	KwaZulu-Natal	eThekweni Metropolitan Municipality	KwaMashu	878	Western Cape	City of Cape town	Klipheuwel
879	KwaZulu-Natal	eThekweni Metropolitan Municipality	KwaNdengezi	880	Western Cape	City of Cape town	Kraaifontein
881	KwaZulu-Natal	eThekweni Metropolitan Municipality	Magabeni	882	Western Cape	City of Cape town	Llandudno
883	KwaZulu-Natal	eThekweni Metropolitan Municipality	Mpumalanga	884	Western Cape	City of Cape town	Macassar

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
885	KwaZulu-Natal	eThekweni Metropolitan Municipality	New Germany	886	Western Cape	City of Cape town	Melbosstrand
887	KwaZulu-Natal	eThekweni Metropolitan Municipality	Northern Works	888	Western Cape	City of Cape town	Miller's point
889	KwaZulu-Natal	eThekweni Metropolitan Municipality	Phoenix	890	Western Cape	City of Cape town	Mitcheels plain
891	KwaZulu-Natal	eThekweni Metropolitan Municipality	Southern	892	Western Cape	City of Cape town	Oudekraal
893	KwaZulu-Natal	eThekweni Metropolitan Municipality	Tonga Central	894	Western Cape	City of Cape town	Potsdam
895	KwaZulu-Natal	eThekweni Metropolitan Municipality	Umbilo	896	Western Cape	City of Cape town	Scottdene
897	KwaZulu-Natal	eThekweni Metropolitan Municipality	Umdloti	898	Western Cape	City of Cape town	Simon's town
899	KwaZulu-Natal	eThekweni Metropolitan Municipality	Umhlanga	900	Western Cape	City of Cape town	Wesfleur Atlantis
901	KwaZulu-Natal	eThekweni Metropolitan Municipality	Umhlatuzana	902	Western Cape	City of Cape town	Wesfleur Industria
903	KwaZulu-Natal	eThekweni Metropolitan Municipality	Umkomaas	904	Western Cape	City of Cape town	Wildevoelvi

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
905	KwaZulu-Natal	eThekweni Metropolitan Municipality	Verulam	906	Western Cape	City of Cape town	Zandvliet
907	KwaZulu-Natal	ILembe District Municipality	Vukile	908	Western Cape	City of Cape town	philadelphia
909	KwaZulu-Natal	ILembe District Municipality	Darnall	910	Western Cape	City of Cape town	Parow
911	KwaZulu-Natal	ILembe District Municipality	Frasers	912	Western Cape	Cederberg Local Municipality	Citrusdal
913	KwaZulu-Natal	ILembe District Municipality	Gledhow	914	Western Cape	Cederberg Local Municipality	Clanwilliam
915	KwaZulu-Natal	ILembe District Municipality	Mandeni	916	Western Cape	Cederberg Local Municipality	Eland's Bay
917	KwaZulu-Natal	ILembe District Municipality	Maphumulo Hospital	918	Western Cape	Cederberg Local Municipality	Graaafwater
919	KwaZulu-Natal	ILembe District Municipality	Montebello Hospital	920	Western Cape	Cederberg Local Municipality	Lambert's Bay
921	KwaZulu-Natal	ILembe District Municipality	Ntunjambili Hospital	922	Western Cape	Cederberg Local Municipality	Wupperthal
923	KwaZulu-Natal	ILembe District Municipality	Shakaskraal	924	Western Cape	Cederberg Local Municipality	Algeria
925	KwaZulu-Natal	ILembe District Municipality	Stanger-Kwadukuza	926	Western Cape	Cape Agulhas Local municipality	Bradasdorp
927	KwaZulu-Natal	ILembe District Municipality	Sundumbili	928	Western Cape	Cape Agulhas Local municipality	Waenhuiskruins
929	KwaZulu-Natal	ILembe District Municipality	Tugela	930	Western Cape	Cape Agulhas Local municipality	Napier

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
931	KwaZulu-Natal	ILEMBE District Municipality	Vukile	932	Western Cape	Cape Agulhas Local Municipality	Struisbaai
933	KwaZulu-Natal	Newcastle Local Municipality	Charlestown Ponds	934	Western Cape	Breede Valley local Municipality	De Doorns
935	KwaZulu-Natal	Newcastle Local Municipality	Kilbarchin-Ngagane	936	Western Cape	Breede Valley local Municipality	Worcester
937	KwaZulu-Natal	Newcastle Local Municipality	Madadeni	938	Western Cape	Breede Valley local Municipality	Rawsonville
939	KwaZulu-Natal	Newcastle Local Municipality	Newcastle	940	Western Cape	Breede Valley local Municipality	Touwrvier
941	KwaZulu-Natal	Newcastle Local Municipality	Osizweni	942	Western Cape	Bitou Local Municipality	Kurland
943	KwaZulu-Natal	Sisonke District Municipality	Bulwer	944	Western Cape	Bitou Local Municipality	Plettenberg Bay
945	KwaZulu-Natal	Sisonke District Municipality	Franklin	946	Western Cape	Berg River Local Municipality	Veldrift
947	KwaZulu-Natal	Sisonke District Municipality	Ixopo	948	Western Cape	Berg River Local Municipality	Porterville
949	KwaZulu-Natal	Sisonke District Municipality	Kokstad	950	Western Cape	Berg River Local Municipality	Pikertberg
951	KwaZulu-Natal	Sisonke District Municipality	Polela	952	Western Cape	Berg River Local Municipality	Eendekuil
953	KwaZulu-Natal	Sisonke District Municipality	Riverside Ponds	954	Western Cape	Berg River Local Municipality	Dwarskersbos
955	KwaZulu-Natal	Sisonke District Municipality	St Appollonaris	956	Western Cape	Beaufort West Local Municipality	Murraysburg

No	Province/Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
957	KwaZulu-Natal	Sisonke District Municipality	uMzimkhulu	958	Western Cape	Beaufort West Local Municipality	Beaufort West
959	KwaZulu-Natal	Sisonke District Municipality	Underberg	960	Western Cape	Beaufort West Local Municipality	Nelspoort
961	KwaZulu-Natal	Ugu District Municipality	Eden Wilds	962	Western Cape	Beaufort West Local Municipality	Merweville
963	KwaZulu-Natal	Ugu District Municipality	Gamalakhe				

PPI no 1.1.2: Number of non-compliant wastewater systems monitored against the Green Drop Regulatory tool

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
1	Free State	Metsimaholo Local Municipality	Deneysville	2	Western Cape	Kannaland Local Municipality	Zoar
3	Free State	Mafube	Villiers	4	Western Cape	Matzikama	Nuwerus
5	Mpumalanga Municipality	Lekwa Local Municipality	Standerton WWTW	6	Western Cape	Cederberg	Algeria,
7	Mpumalanga	Govan Mbeki	eMbalenhle WWTW(Secunda)	8	Western Cape	Cederberg Local Municipality	Wupperthal
9	Mpumalanga	Msukaligwa	Ermelo WWTW	10	Eastern Cape	Ndlambe LM	Alexandria-KwaNonkqubela
11	Free State	Mafube	Frankfort WWTW	12	Eastern Cape	Ndlambe LM	Bushmans River Mouth,
13	Gauteng	Midvaal	Vaal Marina WWTW	14	Eastern Cape	O.R Tambo DM	Nqgeleni,
15	Free State	Metsimaholo Local Municipality	Oranjeville WWTW	16	Eastern Cape	O.R.Tambo District Municipality	Port St John,
17	Mpumalanga	Lekwa Local Municipality	Morgenzon	18	Eastern Cape	O.R.Tambo District Municipality	Qumbu,
19	Free State		Harrismith	20	Eastern Cape	O.R.Tambo District Municipality	Tsolo
21	Mpumalanga	Govan Mbeki	Kinross WWTW	22	Eastern Cape	O.R.Tambo District Municipality	Lusikisiki,
23	Northern Cape	Gamagara Local Municipality	Kathu Waste Water Treatment Works	24	Eastern Cape	O.R.Tambo District Municipality	Mqanduli
25	Northern Cape		Deben WWTW	26	Eastern Cape	Chris Hani DM	Molteno,
27	Northern Cape	Gammagara Local Municipality	Olifantshoek WWTW	28	Eastern Cape	Lukhanji Local Municipality	Queenstown,
29	Northern Cape	Siyancuma	Douglas WWTW	30	Eastern Cape	Chris Hani DM	Sada,

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
31	Northern Cape	Magareng	Warrenton WWTW	32	Eastern Cape	Chris Hani DM	Sterkstroom,
33	Eastern Cape	Joe Gqabi DM	Barkely WWTW	34	Eastern Cape	Chris Hani DM	Tsomo
35	Northern Cape	Gammagara	Dingleton WWTW	36	Eastern Cape	Chris Hani DM	Engcobo
37	Free State		Ngwathe WWTW	38	Eastern Cape	Koukamma LM	Kareedouw
39	Free State	Nala LM	Bothaville WWTW	40	Eastern Cape	Koukamma LM	Krakeel River
41	Free State	Mqhaka LM	Vijoenkroon WWTW	42	Free State	Naledi	Dewtsdorp,
43	Gauteng	Emfuleni	Leeukuil WWTW	44	Free State	Nala LM	Wesselsbron
45	Gauteng	City of Johannesburg	Bushkoppies WWTW	46	Free State Municipality	Mafube Local Municipalit	Tweeling,
47	Gauteng	City of Johannesburg	Ennedale WWTW	48	Free State Municipality	Mafube Local Municipalit	Cornelia
49	Gauteng	City of Johannesburg	Goudkoppies WWTW	50	Free State Municipality	Letsemeng Local Municipality	Luckhoff,
51	Free State Municipality	Nketoana Local Municipality	Reitz WWTW	52	Free State Municipality	Mohokare LM	Rouxville
53	Free State Municipality	Phumelela Local Municipality	Vrede WWTW	54	Free State Municipality	Mohokare LM	Smithfield
55	North West Municipality	Matlosana Local Municipality	Oarkney WWTW	56	Free State Municipality	Kopanong Local Municipality	Edenberg
57	North West Municipality	Dr Ruth S Mompoti Local Municipality	Bloemhof WWTW	58	Free State Municipality	Kopanong Local Municipality	Fauresmith
59	North West Municipality	Dr Ruth S Mompoti Local Municipality	Christiana WWTW	60	Free State Municipality	Setso Local Municipality	Marquard
61	Northern Cape	Phokwane Local Municipality	Jan Kemp Dorp WWTW	62	Free State Municipality	Setso Local Municipality	Senekal
63	Northern Cape	Dikgatlong Local Municipality	Delpont hoop WWTW	64	Free State Municipality	Ngwathe Local Municipality	Koppies

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
65	North West Municipality	NgakaModiriMolema Local Municipality	Lichtenburg	66	Free State Municipality	Ngwathe Local Municipality	Parys
67	Free State Municipality	Dihlabeng LM	Bethlehem	68	Free State Municipality	MasilonyanaLocal Municipality	Theunissen
69	Gauteng	City of Tshwane	Rooivaal WWTW	70	Free State Municipality	MasilonyanaLocal Municipality	Soutpan
71	Gauteng	City of Tshwane	Baviaanspoort	72	Kwa Zulu Natal	uThukela District Municipality	Wembezi
73	Gauteng	City of Tshwane	Sunderland Ridge	74	Kwa Zulu Natal	uThukela District Municipality	Estcourt
75	Gauteng	Mogale City	Flip Human	76	Kwa Zulu Natal	uThungulu District Municipality	Nkandla,
77	Gauteng	Emfuleni	Sebokeng	78	Kwa Zulu Natal	uThungulu District Municipality	Oceanview
79	Gauteng	Lesedi	Heidelberg	80	Kwa Zulu Natal	Ugu District Municipality	Mbango,
81	Free State Municipality	Setsofo LM	Senekal	82	Kwa Zulu Natal	Ugu District Municipality	Margate
83	Gauteng	Midvaal	Oheni Muri	84	Limpopo Municipality	Greater Sekhukhune District Municipality	Leeuwfontein (Mokganyaka),
85	Gauteng	Ekurhuleni Metro	Tsakane	86	Limpopo Municipality	Greater Sekhukhune District Municipality	Meckleberg (Moroke),
87	Gauteng	Ekurhuleni	Welgedacht	88	Limpopo Municipality	Mopani District Municipality	Senwamokgope,
89	Gauteng	City of Tshwane	Ekgangala	90	Limpopo Municipality	Vhembe District Municipality	Musina,
91	Gauteng	City of Tshwane	Rethabiseng	92	Mpumalanga Municipality	Pixley ka Seme LM	Amersfoort,

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
93	Free State	Matjhabeng Local Municipality	Theronia	94	Mpumalanga Municipality	Msukaligwa LM	Breyten AS,
95	Free State	Matjhabeng Local Municipality	Witpan	96	Mpumalanga Municipality	Msukaligwa LM	Chrissesseer
97	Free State	Sol Plaatje Municipality	Homevalle WWTW	98	Mpumalanga Municipality	Emalaheni	Klipspruit,
99	Free State	Dipaleseng Local Municipality	Balfour WWTW	100	Mpumalanga Municipality	Govan Mbeki LM	Evander
101	Free State	Naledi	Wepener	102	Mpumalanga Municipality	Govan Mbeki LM	Leandra-Leslie
103	Free State	Nala LM	Bothaville	104	Mpumalanga Municipality	Albert Luthuli Local Municipality	Mpuluzi-Mayflower
105	Free State	Mafube LM	Namahadi	106	North West Municipality	Ngaka Modiri Molema Local Municipality	Coligny,
107	Free State	Letsemeng LM	Jacobsdal	108	North West Municipality	Ngaka Modiri Molema Local Municipality	Ottosdal
109	Free State	Letsemeng LM	Koffiefontein	110	North West Municipality	Ngaka Modiri Molema Local Municipality	Itsoeng,
111	Free State	Mohokare Local Municipality	Zastron	112	North West Municipality	Ngaka Modiri Molema Local Municipality	Mmabatho
113	Free State	Kopanong Local Municipality	Reddersburg	114	North West Municipality	Matlosana Local Municipality	Stilfontein,
115	Free State	Kopanong Local Municipality	Springfontein	116	Northern Cape	Thembelihle	Hopetown New,
117	Free State	Kopanong Local Municipality	Trompsburg	118	Northern Cape	Kai Garib Local Municipality	Kenhardt
119	Free State	Nketoana LM	Lindley-Ntha	120	Northern Cape	Karoo Hoogland Local Municipality	Williston

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
121	Free State	Nketoana LM	Petrus Steyn	122	Eastern Cape Municipality	Ndlambe	Bathurst-Nolukhanyo,
123	Free State	Nketoana LM	Reitz	124	Eastern Cape Municipality	Ndlambe	Marselle
125	Free State	Tswelopele LM	Hoopstad	126	Eastern Cape Municipality	O.R. Tambo DM	Flagstaff
127	Free State	Setso Local Municipality	Clocolan	128	Eastern Cape Municipality	O.R. Tambo DM	Mthatha,
129	Free State	Ngwathe Local Municipality	Heilbron	130	Eastern Cape Municipality	Chris Hani District Municipality	Cala,
131	Free State	Moghaka Local Municipality	Steynsrus	132	Eastern Cape Municipality	Chris Hani District Municipality	Cofimvaba,
133	Free State	Masilonyana Local Municipality	Brandfort	134	Eastern Cape Municipality	Chris Hani District Municipality	Cradock,
135	Free State	Masilonyana Local Municipality	Masilo	136	Eastern Cape Municipality	Chris Hani District Municipality	Elliot
137	Free State	Dhlabeng LM	Mautse	138	Eastern Cape Municipality	Koukamma Local Municipality	Clarkson
139	Free State		Rosendal	140	Eastern Cape Municipality	Koukamma Local Municipality	Louterwater
141	Free State	Matjhabeng Local Municipality	Theronia	142	Free State Municipality	Naledi	Van Stadensrus,
143	Free State Municipality	Mangaung Metro	Sterkwater	144	Free State Municipality	Letsemeng Local Municipality	Oppermans,
145	Kwa Zulu Natal	Uthukela District Municipality	Weenen	146	Free State Municipality	Letsemeng Local Municipality	Petrusburg
147	Kwa Zulu Natal	uThungulu District Municipality	Mbongolwane	148	Free State Municipality	Setso Local Municipality	Ficksburg
149	Kwa Zulu Natal	Ulundi	Thulasizwe	150	Free State Municipality	Kopanong LM	Gariep Dam

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
151	Kwa Zulu Natal	Sisonke DM	Franklin	152	Free State Municipality	Kopanong LM	Jagersfontein,
153	Limpopo Municipality	Greater Sekhukhune	Nebo	154	Free State Municipality	Kopanong LM	Philippolis
155	Limpopo	Greater Sekhukhune District Municipality	Phokwane	156	Free State Municipality	Masilonyana LM	Winburg
157	Limpopo	Greater Sekhukhune District Municipality	Tubatse	158	Free State Municipality	Ngwathe Local Municipality	Vredfort
159	Limpopo	Greater Sekhukhune District Municipality	Monsterlus (Hlogotlou)	160	Kwa Zulu Natal	uThungulu DM	Owen Sithole Agric College
161	Limpopo	Greater Sekhukhune District Municipality	Motetema	162	Kwa Zulu Natal	uMzinyathi District Municipality	Tugela Ferry
163	Limpopo	Greater Sekhukhune District Municipality	Rebone	164	Kwa Zulu Natal	ILembe District Municipality	Vukile,
165	Limpopo	Lephalale Local Municipality	Zongesien	166	Kwa Zulu Natal	ILembe District Municipality	Montebello Hospital
167	Limpopo	Mookgophong	Thusang (Roedtan)	168	Limpopo Municipality	Greater Sekhukhune DM	Burgersfort,
169	Limpopo	Thabazimbi Local Municipality	Thabazimbi	170	Limpopo Municipality	Greater Sekhukhune DM	Elandsdraal,
171	Limpopo	Mopani District Municipality	Modjadji (Duiwelskloof)	172	Limpopo Municipality	Greater Sekhukhune DM	Groblersdal
173	Limpopo	Vhembe District Municipality	Mutale	174	Limpopo Municipality	Greater Sekhukhune DM	Jane Furse
175	Limpopo	Vhembe District Municipality	Mhinga	176	Limpopo Municipality	Greater Sekhukhune DM	Denilton
177	Limpopo	BelaBela Local Municipality	Radium	178	Limpopo Municipality	Greater Sekhukhune DM	Marble Hall
179	Mpumalanga	Dipaleseng LM	Greylingstad	180	Limpopo Municipality	Greater Sekhukhune DM	Roosenekaal

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
181	Mpumalanga	Pixley ka Seme LM	Volkstrust	182	Limpopo Municipality	Vhembe District Municipality	Thohoyandou
183	Mpumalanga	Pixley ka Seme LM	Vukuzakhe	184	Limpopo Municipality	Vhembe District Municipality	Dzanani
185	Mpumalanga	Msukaligwa LM	Breyten Ponds	186	Limpopo Municipality	Vhembe District Municipality	Siloam Ponds
187	Mpumalanga	Emalahleni	Ferrobank	188	Limpopo Municipality	Mopani District Municipality	Namagale
189	Mpumalanga	Emalahleni	Phola-Ogies	190	Limpopo Municipality	Vhembe District Municipality	Nancefield,
191	Mpumalanga	Emalahleni	Kriel-Ganala	192	LP	Vhembe	Tshifulanani
193	Mpumalanga	Mkhondo	Amsterdam	194	Mpumalanga	Dipaleseng	Grootvlei Mine
195	Mpumalanga	Mkhondo	Piet Retief	196	Mpumalanga	Dipaleseng	Grootvlei Eskom
197	Mpumalanga	Govam Mbeki	Trichardt	198	Mpumalanga	Pixley ka Seme	Perdekop,
199	Mpumalanga	Thembisile	KwaMhlanga Ponds East	200	Mpumalanga	Pixley ka Seme	Wakkerstroom
201	Mpumalanga	Albert Luthuli	Ekulendeni-Kromdraai	202	Mpumalanga	Msukaligwa	Davel,
203	Mpumalanga	Dr JS Moroka	Vaalbank	204	Mpumalanga	Msukaligwa	Lothair
205	Mpumalanga	Bushbuckridge	Dwarsloop	206	Mpumalanga	Emalahleni	Rietspruit,
207	Mpumalanga	Mbombela	Kabokweni	208	Mpumalanga	Emalahleni	Riverview,
209	North West		Rulaganyang	210	Mpumalanga	Emakhazeni	Emthonjeni-Machadorp
211	North West	Moretele	Swartdam	212	Mpumalanga	Bushbuckridge	Thulamahshe,
213	North West	Ngaka Modiri	Sannieshof,	214	Mpumalanga	Bushbuckridge	Mangwaza, Manghwazi
215	North West	Ngaka Modiri	Mafikeng	216	Mpumalanga	Bushbuckridge	Tintswalo Hospital

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
217	North West	Ngaka Modiri	Delareyville,	218	North West	Maquassi Hills	Wolmaranstad
219	North West	Ngaka Modiri	Lehurutshe-Weibedacht	220	North West	Maquassi Hills	Leeudoringstad
221	North West	Ngaka Modiri	Atamelang	222	Northern Cape	Kareeberg	Carnavon
223	North West	Ventersdorp	Ventersdorp	224	Northern Cape	Emthanjeni	De Aar
225	North West	Ngaka Modiri	Zeerust	226	Northern Cape	Siyathemba	Prieska
227	North West	City of Matlosana	Hartebeesfontein	228	Northern Cape	Nama Khoi	Bergsig
229	North West	Dr Ruth Mompoti	Bloemhof	230	Northern Cape	IKheis	Groblershoop
231	North West	Dr Ruth Mompoti	Schweizer-Reinecke	232	KwaZulu-Natal	Umkhanyakude	St Lucia
233	North West	Dr Ruth Mompoti	Vryburg	234	Eastern Cape	Ndlambe	Kenton on Sea - Ekuphuni, Ndlambe
235	North West	Ketlengrivier	Koster	236	Eastern Cape	Ndlambe	Port Alfred
237	North West	Moses Kotane	Mogwase	238	Eastern Cape	Kou-Kamma	Sanddrift
239	Northern Cape	Renosterberg	Vanderkloof	240	Eastern Cape	Kou-Kamma	Stormsriver
241	Northern Cape	Renosterberg	Petrusville	242	Eastern Cape	Baviaans	Rietbron
243	Northern Cape	Renosterberg	Phillipstown	244	Eastern Cape	Alfred Nzo	Bizana
245	Northern Cape	Richtersveld	Port Nolloth	246	Eastern Cape	Alfred Nzo	Cedarville,
247	Northern Cape	Thembelihle	Hopetown Old	248	Eastern Cape	Alfred Nzo	Ntanbankulu
249	Northern Cape	Ga-Segonyana	Kuruman	250	Eastern Cape	Blue Crane Route	Cookhouse,
251	Northern Cape	Mier	Askham	252	Eastern Cape	Blue Crane Route	Pearston
253	Northern Cape	Mier	Loubos	254	Eastern Cape	Blue Crane Route	Somerset East
255	Northern Cape	Umsombomvu	Noupoort	256	Eastern Cape	Chris Hani	Hofmeyr
257	Northern Cape	Ubuntu	Richmond	258	Eastern Cape	Chris Hani	Middelburg
259	KwaZulu-Natal	Uthukela DM	Ladysmith	260	Eastern Cape	Chris Hani	Tarkastad

PPI no 1.1.3: Number of water supply systems assessed for compliance with Blue Drop Regulatory standards

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
1	Eastern Cape	Alfred Nzo DM	Matatiele LM - Belfort Tw	2	Mpumalanga	Mkhondo M	Mkhondo Water Supply System
3	Eastern Cape	Alfred Nzo DM	Matatiele LM - Matatiele Tw	4	Mpumalanga	Mkhondo M	Rural Water Supply System
5	Eastern Cape	Alfred Nzo DM	Mbizana LM - Borehole Systems (Rural)	6	Mpumalanga	Mkhondo M	Saul Mkhize Water Supply System
7	Eastern Cape	Alfred Nzo DM	Mbizana LM - Mbizana Tw System	8	Mpumalanga	Mkhondo M	The Greater Mkhondo Local Municipality
9	Eastern Cape	Alfred Nzo DM	Mbizana LM - Nomlacu Tw System	10	Mpumalanga	Msukaligwa LM	Breyten water treatment works
11	Eastern Cape	Alfred Nzo DM	Ntabankulu LM - Borehole Systems (Rural)	12	Mpumalanga	Msukaligwa LM	Davel water treatment works
13	Eastern Cape	Alfred Nzo DM	Ntabankulu LM - Ntabankulu Tw	14	Mpumalanga	Msukaligwa LM	Douglas dam water works
15	Eastern Cape	Alfred Nzo DM	Umzimvubu LM - Kwabhaca Tw	16	Mpumalanga	Msukaligwa LM	Eskom Camden
17	Eastern Cape	Alfred Nzo DM	Umzimvubu LM - Mount Ayliff Tw	18	Mpumalanga	Msukaligwa LM	Lothair water treatment works
19	Eastern Cape	Amatole Dm	Amahlahti LM - Kei Road	20	Mpumalanga	Msukaligwa LM	South works (noitgedacht farm)
21	Eastern Cape	Amatole DM	Amahlahti LM - Cathcart	22	Mpumalanga	Nkomazi LM	Driekoppies/ Shoemansdal/ Buffelspruit/ Shongwe WSS

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
23	Eastern Cape	Amatole DM	Amahlathi LM - Stutterheim	24	Mpumalanga	Nkomazi LM	Fig Tree/ Masibekele WSS
25	Eastern Cape	Amatole DM	Binfield Network Supply	26	Mpumalanga	Nkomazi LM	Hectorspruit WSS
27	Eastern Cape	Amatole DM	Debe Nek Network Supply	28	Mpumalanga	Nkomazi LM	Malalane WSS
29	Eastern Cape	Amatole DM	Glenmore Network Supply	30	Mpumalanga	Nkomazi LM	Marloth Park WSS
31	Eastern Cape	Amatole DM	Great Kei LM - Kei Bridge Wtw	32	Mpumalanga	Nkomazi LM	Mbuzini WSS
33	Eastern Cape	Amatole DM	Great Kei LM - Cinsta East	34	Mpumalanga	Nkomazi LM	Naas/Block C WSS
35	Eastern Cape	Amatole DM	Great Kei LM - Haga-Haga	36	Mpumalanga	Nkomazi LM	Nkomazi Rudimentary Boreholes
37	Eastern Cape	Amatole DM	Great Kei LM - Kei Mouth	38	Mpumalanga	Nkomazi LM	Ntunda WSS
39	Eastern Cape	Amatole DM	Great Kei LM - Morgans Bay	40	Mpumalanga	Nkomazi LM	Nyathi WSS
41	Eastern Cape	Amatole DM	Masinedane Network Supply	42	Mpumalanga	Nkomazi LM	Sibange WSS
43	Eastern Cape	Amatole DM	Mbashe LM - Cwebe	44	Mpumalanga	Nkomazi LM	Tonga WSS
45	Eastern Cape	Amatole DM	Mbashe LM - Dutywa	46	Mpumalanga	Pixley K Seme LM	Amesfoort
47	Eastern Cape	Amatole DM	Mbashe LM - Dwesa	48	Mpumalanga	Pixley K Seme LM	Volkruis WTW
49	Eastern Cape	Amatole DM	Mbashe LM - Elliotdale	50	Mpumalanga	Pixley K Seme LM	Vukuzakhe
51	Eastern Cape	Amatole DM	Mbashe LM - Mendu	52	Mpumalanga	Pixley K Seme LM	Wakkerstroom

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
53	Eastern Cape	Amatole DM	Mbashe LM - Willowvale	54	Mpumalanga	Steve Tshwete LM	Borehole: Doornkop #1 CPA WSS
55	Eastern Cape	Amatole DM	Mbashe LM - Qwaninga Wtw	56	Mpumalanga	Steve Tshwete LM	Borehole: Mafube/Sikhululiwe WSS
57	Eastern Cape	Amatole DM	Mbashe LM - Mbashe North Wtw	58	Mpumalanga	Steve Tshwete LM	ESKOM:Komati/ Blinkpan WSS
59	Eastern Cape	Amatole DM	Mbashe LM - Ngadu Wtw	60	Mpumalanga	Steve Tshwete LM	Middelburg/ Mhluzi WSS
61	Eastern Cape	Amatole DM	Mbashe-Mncwasa Wtw	62	Mpumalanga	Steve Tshwete LM	Presidentsrus WSS
63	Eastern Cape	Amatole DM	Mquma LM - Ngamakwe Wtw	64	Mpumalanga	Steve Tshwete LM	Steve Tshwete/ Hendrina WSS-optimum coal
65	Eastern Cape	Amatole DM	Mquma LM - Kotana/ Ehlobo	66	Mpumalanga	Thaba Chweu LM	Coromandel Water Treatment Plant
67	Eastern Cape	Amatole DM	Mquma LM - Qolorha	68	Mpumalanga	Thaba Chweu LM	Graskop Water Supply System
69	Eastern Cape	Amatole DM	Mquma LM - Tholeni	70	Mpumalanga	Thaba Chweu LM	Lydenburg Water Treatment Plant
71	Eastern Cape	Amatole DM	Mquma LM - Butterworth Wtw	72	Mpumalanga	Thaba Chweu LM	Rural Water Supply System
73	Eastern Cape	Amatole DM	Ngqanda Borehole Water Supply	74	Mpumalanga	Thaba Chweu LM	Sabie Water Supply System
75	Eastern Cape	Amatole DM	Nkonkobe LM - Alice Wtw	76	Mpumalanga	Thembisile LM	Machipe (Goederede)
77	Eastern Cape	Amatole DM	Nkonkobe LM - Fort Beaufort Wtw	78	Mpumalanga	Thembisile LM	Engwenyameni (Klipfontein)

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
79	Eastern Cape	Amatole DM	Nkonkobe LM - Hogsback	80	Mpumalanga	Thembisile LM	Kwaggafontein System
81	Eastern Cape	Amatole DM	Nkonkobe LM - Seymour	82	Mpumalanga	Thembisile LM	Kwamhlanga
83	Eastern Cape	Amatole DM	Nxuba LM - Adelaide	84	Mpumalanga	Thembisile LM	Langkloof
85	Eastern Cape	Amatole DM	Nxuba LM - Bedford	86	Mpumalanga	Thembisile LM	Moloto
87	Eastern Cape	Amatole DM	Peddle Network Supply	88	Mpumalanga	Thembisile LM	Thembaletu
89	Eastern Cape	Amatole DM	Sandile Network Supply	90	Mpumalanga	Umjindi LM	Emjindini Trust water supply scheme (Boreholes)
91	Eastern Cape	Amatole DM	Upper Mnyameni Network Supply	92	Mpumalanga	Umjindi LM	Rimer's water treatment works / Barberton water scheme
93	Eastern Cape	Baviaans LM	Miller	94	Mpumalanga	Umjindi LM	Sheba water supply scheme
95	Eastern Cape	Baviaans LM	Rietbron	96	Mpumalanga	Victor Khanye LM	1. Victor Khanye Water
97	Eastern Cape	Baviaans LM	Sewefontein	98	Mpumalanga	Victor Khanye LM	Delmas Rand Water
99	Eastern Cape	Baviaans LM	Steytleville	100	Northern Cape	Kai Garib LM	Alheit
101	Eastern Cape	Baviaans LM	Vondeling	102	Northern Cape	Kai Garib LM	Aughrabies
103	Eastern Cape	Baviaans LM	Willowmore	104	Northern Cape	Kai Garib LM	Bloemsmond
105	Eastern Cape	Baviaans LM	Zaaimanshoek	106	Northern Cape	Kai Garib LM	Cillie
107	Eastern Cape	Blue Crane Route LM	Cookhouse	108	Northern Cape	Kai Garib LM	Currieskamp
109	Eastern Cape	Blue Crane Route LM	Pearston	110	Northern Cape	Kai Garib LM	Kakamas Bulk Water
111	Eastern Cape	Blue Crane Route LM	Sommerset East	112	Northern Cape	Kai Garib LM	Keimoes Bulk Water

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
113	Eastern Cape	Buffalo City LM	Hanover	114	Northern Cape	Kai Garib LM	Lennertsville
115	Eastern Cape	Buffalo City LM	Kei Road System	116	Northern Cape	Kai Garib LM	Lutzburg
117	Eastern Cape	Buffalo City LM	Kidds Beach (Borehole) Scheme	118	Northern Cape	Kai Garib LM	Marchand
119	Eastern Cape	Buffalo City LM	King Williams Town (Kwt Water Treatment Works)	120	Northern Cape	Kai Garib LM	Riemvasmaak - Sending
121	Eastern Cape	Buffalo City LM	Laing Network Supply	122	Northern Cape	Kai Garib LM	Riemvasmaak - Vredesvallei
123	Eastern Cape	Buffalo City LM	Majali (Borehole) System	124	Northern Cape	Kai Garib LM	Soverby
125	Eastern Cape	Buffalo City LM	Mdantsane Supply Scheme (Umz, Nahoon, Laing)	126	Northern Cape	Kheis LM	Brandboom/Boegoeberg
127	Eastern Cape	Buffalo City LM	Peddle Supply Scheme	128	Northern Cape	Kheis LM	Gariep
129	Eastern Cape	Buffalo City LM	Sandile Network Supply	130	Northern Cape	Kheis LM	Groblershoop
131	Eastern Cape	Buffalo City LM	Umzanyana Wtw (East London)	132	Northern Cape	Kheis LM	Grootdrink
133	Eastern Cape	Camdeboo LM	Aberdeen	134	Northern Cape	Kheis LM	Topline
135	Eastern Cape	Camdeboo LM	Graaf-Reinet	136	Northern Cape	Kheis LM	Wegdraai
137	Eastern Cape	Camdeboo LM	Nieu-Bethesda	138	Northern Cape	Khara Hais LM	AH September (Upington)
139	Eastern Cape	Chris Hani DM	Emalaheni - Indwe Supply System	140	Northern Cape	Khara Hais LM	Karos Supply System

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
141	Eastern Cape	Chris Hani DM	Emalahleni - Machubeni Supply System	142	Northern Cape	Khara Hais LM	Lambrechtsdrift
143	Eastern Cape	Chris Hani DM	Emalahleni (Rural & Farms - Untreated)	144	Northern Cape	Khara Hais LM	Leerkrans
145	Eastern Cape	Chris Hani DM	Emalahleni- Dordrecht Supply System	146	Northern Cape	Khara Hais LM	Leseding
147	Eastern Cape	Chris Hani DM	Engcobo - Engcobo Town Supply System	148	Northern Cape	Khara Hais LM	Louisvale
149	Eastern Cape	Chris Hani DM	Engcobo - Gqaga Supply System	150	Northern Cape	Khara Hais LM	Ntsikelelo
151	Eastern Cape	Chris Hani DM	Engcobo (Rural Treated Boreholes)	152	Northern Cape	Khara Hais LM	Raaswater
153	Eastern Cape	Chris Hani DM	Engcobo-Nkobongo Supply System	154	Northern Cape	Dikgatlong LM	Barkley West
155	Eastern Cape	Chris Hani DM	Inkwanca - Molteno Supply System	156	Northern Cape	Dikgatlong LM	Blikfontein (Borehole)
157	Eastern Cape	Chris Hani DM	Inkwanca - Sterkstroom Supply System	158	Northern Cape	Dikgatlong LM	Boetsap SAP (Borehole)
159	Eastern Cape	Chris Hani DM	Intsika Yethu - Tsojana Supply System	160	Northern Cape	Dikgatlong LM	Dan Carl (Borehole)
161	Eastern Cape	Chris Hani DM	Intsika Yethu (Untreated)	162	Northern Cape	Dikgatlong LM	Delportshoop and Longlands (Sedibeng Water)
163	Eastern Cape	Chris Hani DM	Intsika Yethu - Tsomo Service System	164	Northern Cape	Dikgatlong LM	District Management Area - Other

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
165	Eastern Cape	Chris Hani DM	Inxuba Yethemba - Cradock Supply System	166	Northern Cape	Dikgatlong LM	Eierfontein (Borehole)
167	Eastern Cape	Chris Hani DM	Inxuba Yethemba - Middelburg Supply System-Treated	168	Northern Cape	Dikgatlong LM	Gong-Gong (Borehole)
169	Eastern Cape	Chris Hani DM	Lukhanji - Queenstown Supply System	170	Northern Cape	Dikgatlong LM	Holpan (Borehole)
171	Eastern Cape	Chris Hani DM	Lukhanji - Whittlesea Supply System	172	Northern Cape	Dikgatlong LM	Kalkfontein (Borehole)
173	Eastern Cape	Chris Hani DM	Lukhanji (Rural & Farms - Untreated)	174	Northern Cape	Dikgatlong LM	Koopmansfontein
175	Eastern Cape	Chris Hani DM	Sakhisizwe - Cala Supply System	176	Northern Cape	Dikgatlong LM	Longlands (Sedibeng Water)
177	Eastern Cape	Chris Hani DM	Sakhisizwe - (Farms & Rural - Treated)	178	Northern Cape	Dikgatlong LM	Longlands Clinic (Borehole)
179	Eastern Cape	Chris Hani DM	Sakhisizwe - Elliot Supply System	180	Northern Cape	Dikgatlong LM	Olierivier
181	Eastern Cape	Chris Hani DM	Sakhisizwe- Xhalanga Supply System	182	Northern Cape	Dikgatlong LM	Pniel (Borehole)
183	Eastern Cape	Chris Hani DM	Sakhisizwe-Cala Package System	184	Northern Cape	Dikgatlong LM	Pniel Estate (Borehole)
185	Eastern Cape	Chris Hani DM	Tsolwana: Hofmeyer Supply System	186	Northern Cape	Dikgatlong LM	Spitskop (Borehole)
187	Eastern Cape	Chris Hani DM	Tsolwana: Niabathemba Supply System	188	Northern Cape	Dikgatlong LM	Stillwater

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
189	Eastern Cape	Chris Hani DM	Tsolwana: Tarkastad Supply System	190	Northern Cape	Dikgatlong LM	Ulco (Mine)
191	Eastern Cape	Ikwezi LM	Jansenville	192	Northern Cape	Dikgatlong LM	Windsorton
193	Eastern Cape	Ikwezi LM	Klipplaat	194	Northern Cape	Emthanjeni LM	Britstown Borehole Scheme
195	Eastern Cape	Ikwezi LM	Waterford	196	Northern Cape	Emthanjeni LM	De Aar Borehole Scheme
197	Eastern Cape	Ikwezi LM	Woiwefontein	198	Northern Cape	Emthanjeni LM	Hanover Borehole Scheme
199	Eastern Cape	Joe Gqabi DM	Elundini LM - Maclear (Aucamp Wtp) And (Moorriver Wtw)	200	Northern Cape	Gamagara LM	Dibeng(boreholes)
201	Eastern Cape	Joe Gqabi DM	Elundini LM - Maclear Rural (Boreholes & Springs)	202	Northern Cape	Gamagara LM	Dingleton (Vaalgamagara bulk supply pipeline & Dingleton WTW)
203	Eastern Cape	Joe Gqabi DM	Elundini LM - Ugie (Ugie Wtp)	204	Northern Cape	Gamagara LM	Kathu (kathu WTW, Boreholes, Vaalgamagara Bulk Supply)
205	Eastern Cape	Joe Gqabi DM	Elundini LM - Ugie Rural (Boreholes & Springs)	206	Northern Cape	Gamagara LM	Olifantshoek (Vaal gamagara Bulk Supply Pipeline)
207	Eastern Cape	Joe Gqabi DM	Elundini LM -Mount Fletcher Rural (Boreholes & Springs)	208	Northern Cape	Ga-Segonyana LM	Bankhara-Bodulong (Managed by Ga-Segonyana LM)
209	Eastern Cape	Joe Gqabi DM	Elundini LM -Mft Fletcher (Mount Fletcher Wtp)	210	Northern Cape	Ga-Segonyana LM	Lokaleng (GLM Boreholes_Sedibeng Water)
211	Eastern Cape	Joe Gqabi DM	Gariep LM - Burgersdorp (Burgersdorp Wtp)	212	Northern Cape	Ga-Segonyana LM	Magobe/Magojaneng (GLM Boreholes_Sedibeng Water)

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
213	Eastern Cape	Joe Gqabi DM	Gariap LM - Oviston (Oviston Wtp)	214	Northern Cape	Ga-Segonyana LM	Sedibeng (GLM Boreholes_Sedibeng Water)
215	Eastern Cape	Joe Gqabi DM	Gariap LM - Steynsburg (Steynsburg Wtw)	216	Northern Cape	Ga-Segonyana LM	Seven miles (GLM Boreholes_Sedibeng Water)
217	Eastern Cape	Joe Gqabi DM	Maletswai LM - Aliwal North (Aliwal North Wtp)	218	Northern Cape	Ga-Segonyana LM	Slouya (GLM Boreholes_Sedibeng Water)
219	Eastern Cape	Joe Gqabi DM	Maletswai LM - Jamestown (Jamestown Wtp)	220	Northern Cape	Ga-Segonyana LM	Thamoyanche (GLM Boreholes_Sedibeng Water)
221	Eastern Cape	Joe Gqabi DM	Senqu LM - Barkly East (Barkly East Wtp)	222	Northern Cape	Ga-Segonyana LM	Vergenoeg (GLM Boreholes_Sedibeng Water)
223	Eastern Cape	Joe Gqabi DM	Senqu LM - Lady Grey (Lady Grey Wtw)	224	Northern Cape	Hantam LM	Brandvlei
225	Eastern Cape	Joe Gqabi DM	Senqu LM - Rhodes (Rhodes Wtp)	226	Northern Cape	Hantam LM	Calvinia
227	Eastern Cape	Joe Gqabi DM	Senqu LM - Sterkspruit Rural (Boreholes & Springs)	228	Northern Cape	Hantam LM	Loerisfontein
229	Eastern Cape	Joe Gqabi DM	Senqu LM - Rossouw (Boreholes)	230	Northern Cape	Hantam LM	Middelpos
231	Eastern Cape	Joe Gqabi DM	Senqu LM - Sterkspruit (Sterkspruit Wtp)	232	Northern Cape	Hantam LM	Nieuwoudtville
233	Eastern Cape	Kouga LM	Hankey	234	Northern Cape	Hantam LM	Swartkop
235	Eastern Cape	Kouga LM	Humansdorp	236	Northern Cape	Joe Morolong LM	Black Rock

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
237	Eastern Cape	Kouga LM	Jeffreys Bay	238	Northern Cape	Joe Morolong LM	Hotazel
239	Eastern Cape	Kouga LM	Loerie	240	Northern Cape	Joe Morolong LM	Kikahela Groundwater Management Area: D41L-M1
241	Eastern Cape	Kouga LM	Oyster Bay	242	Northern Cape	Joe Morolong LM	Laxey Groundwater Management Area D41G-05
243	Eastern Cape	Kouga LM	Patensie	244	Northern Cape	Joe Morolong LM	Maipeng Groundwater Management Area D41L-K9
245	Eastern Cape	Kouga LM	St. Francis Bay	246	Northern Cape	Joe Morolong LM	Mamatwan/Hotazel Ground water Management Area D41K-G2
247	Eastern Cape	Kouga LM	Thornhill	248	Northern Cape	Joe Morolong LM	Manyeding A Groundwater Management Area: D41L-M5
249	Eastern Cape	Kou-Kamma LM	Blilikiesdorp	250	Northern Cape	Joe Morolong LM	Manyeding Lower Groundwater Management Area: D41L-M6
251	Eastern Cape	Kou-Kamma LM	Clarkson	252	Northern Cape	Joe Morolong LM	Mc Carthy's Rus (Boreholes)
253	Eastern Cape	Kou-Kamma LM	Coldstream	254	Northern Cape	Joe Morolong LM	Metsetswaneng Groundwater Management Area: D41L-M7
255	Eastern Cape	Kou-Kamma LM	Joubetina	256	Northern Cape	Joe Morolong LM	Middelputz (Boreholes)
257	Eastern Cape	Kou-Kamma LM	Kareedouw	258	Northern Cape	Joe Morolong LM	Savern SAPS (Borehole)

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259	Eastern Cape	Kou-Kamma LM	Krakeel	260	Northern Cape	Joe Morolong LM	Seyn School (Borehole)
261	Eastern Cape	Kou-Kamma LM	Louterwater	262	Northern Cape	Joe Morolong LM	Tsineng Groundwater Management Area: D41L-M11
263	Eastern Cape	Kou-Kamma LM	Misgund	264	Northern Cape	Joe Morolong LM	Van Zylsrus (Boreholes)
265	Eastern Cape	Kou-Kamma LM	Sanddrif	266	Northern Cape	Joe Morolong LM	Ward 1 Heuningvlei Area
267	Eastern Cape	Kou-Kamma LM	Storms River	268	Northern Cape	Kamiesberg LM	Garies
269	Eastern Cape	Kou-Kamma LM	Woodlands	270	Northern Cape	Kamiesberg LM	Hondeklipbaai
271	Eastern Cape	Makana LM	Alicedale	272	Northern Cape	Kamiesberg LM	Kamassies
273	Eastern Cape	Makana LM	Grahamstown	274	Northern Cape	Kamiesberg LM	Kamieskroon
275	Eastern Cape	Makana LM	Riebeek East	276	Northern Cape	Kamiesberg LM	Kharkams
277	Eastern Cape	Ndlambe LM	Albany Coast Network	278	Northern Cape	Kamiesberg LM	Kheis
279	Eastern Cape	Ndlambe LM	Alexandria Wtw	280	Northern Cape	Kamiesberg LM	Klipfontein
281	Eastern Cape	Ndlambe LM	Bathurst Wtw	282	Northern Cape	Kamiesberg LM	Koingnaas
283	Eastern Cape	Ndlambe LM	Cannon Rock Wtw	284	Northern Cape	Kamiesberg LM	Leliefontein
285	Eastern Cape	Ndlambe LM	Port Alfred	286	Northern Cape	Kamiesberg LM	Lepelfontein
287	Eastern Cape	Ndlambe LM	Seafeld / Kleinemonde	288	Northern Cape	Kamiesberg LM	Nourivier
289	Eastern Cape	Nelson Mandela MM	Churchill	290	Northern Cape	Kamiesberg LM	Paulshoek
291	Eastern Cape	Nelson Mandela MM	Elandsjagt	292	Northern Cape	Kamiesberg LM	Rooifontein
293	Eastern Cape	Nelson Mandela MM	Groendal	294	Northern Cape	Kamiesberg LM	Soebatsfontein
295	Eastern Cape	Nelson Mandela MM	Linton	296	Northern Cape	Kamiesberg LM	Spoegrivier
297	Eastern Cape	Nelson Mandela MM	Loerie	298	Northern Cape	Kamiesberg LM	Tweerivier

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
299	Eastern Cape	Nelson Mandela MM	Nelson Mandela Metropolitan Municipality	300	Northern Cape	Kareeberg LM	Carnarvon
301	Eastern Cape	Nelson Mandela MM	Nooitgedacht	302	Northern Cape	Kareeberg LM	Vanwyksvlei
303	Eastern Cape	Nelson Mandela MM	Rocklands	304	Northern Cape	Kareeberg LM	Vosburg
305	Eastern Cape	Nelson Mandela MM	Springs	306	Northern Cape	Karoo Hoogland LM	Fraserburg
307	Eastern Cape	OR Tambo DM	Coffee Bay Wtw	308	Northern Cape	Karoo Hoogland LM	Sutherland
309	Eastern Cape	OR Tambo DM	Corana Wtw	310	Northern Cape	Karoo Hoogland LM	Williston
311	Eastern Cape	OR Tambo DM	Flagstaff Wtw	312	Northern Cape	Kgatelopele LM	Danielskuil (Boreholes)
313	Eastern Cape	OR Tambo DM	Ingquza Hill Lm - Bh	314	Northern Cape	Kgatelopele LM	Idwala (Boreholes)
315	Eastern Cape	OR Tambo DM	Mhlahlane Wtw	316	Northern Cape	Kgatelopele LM	Lime Acres De Beers (Sedibeng)
317	Eastern Cape	OR Tambo DM	Mhlanga Wtw	318	Northern Cape	Kgatelopele LM	Owendale (Boreholes)
319	Eastern Cape	OR Tambo DM	Mhlonitlo Lm-Bh	320	Northern Cape	Khai-Ma LM	Onseepkans (Melkbosrand TW)
321	Eastern Cape	OR Tambo DM	Mqanduli Wtw	322	Northern Cape	Khai-Ma LM	Onseepkans (RK)
323	Eastern Cape	OR Tambo DM	Mvumelwano Wtw	324	Northern Cape	Khai-Ma LM	Pofadder / Aggeneys (Pelladri)
325	Eastern Cape	OR Tambo DM	Ngqeleni Wtw	326	Northern Cape	Khai-Ma LM	Witbank
327	Eastern Cape	OR Tambo DM	Nyandeni Lm -Bh	328	Northern Cape	Magareng LM	Warrenton
329	Eastern Cape	OR Tambo DM	Port St Johns Wtw	330	Northern Cape	Mier LM	Andriesvale
331	Eastern Cape	OR Tambo DM	Psj Lm-Bh	332	Northern Cape	Mier LM	Askham
333	Eastern Cape	OR Tambo DM	Sidwadweni Wtw	334	Northern Cape	Mier LM	Loubos
335	Eastern Cape	OR Tambo DM	Thornhill Wtw	336	Northern Cape	Mier LM	Mier (Boorgate)

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337	Eastern Cape	OR Tambo DM	Tsolo Wtw	338	Northern Cape	Mier LM	Noenieput (Boorgat)
339	Eastern Cape	OR Tambo DM	Umzimvubu Wtw	340	Northern Cape	Mier LM	Philandersbron
341	Eastern Cape	OR Tambo DM	Upper Chulunca Wtw	342	Northern Cape	Mier LM	Rietfontein
343	Eastern Cape	Sunday's River Valley LM	Addo Wtw	344	Northern Cape	Mier LM	Swartkopdam
345	Eastern Cape	Sunday's River Valley LM	Enon / Bersheba Wtw	346	Northern Cape	Mier LM	Welkom
347	Eastern Cape	Sunday's River Valley LM	Glennconner Borehole	348	Northern Cape	Nama kHoi LM	Bergsig
349	Eastern Cape	Sunday's River Valley LM	Kirkwood Wtw	350	Northern Cape	Nama kHoi LM	Buffelsrivier
351	Eastern Cape	Sunday's River Valley LM	Kleinpoort Borehole	352	Northern Cape	Nama kHoi LM	Bulletrap
353	Eastern Cape	Sunday's River Valley LM	Paterson Boreholes	354	Northern Cape	Nama kHoi LM	Matjieskloof
355	Free State	Dihlabeng LM	Bethlehem Water Supply System	356	Northern Cape	Nama kHoi LM	Nababeep
357	Free State	Dihlabeng LM	Clarens Water Supply System	358	Northern Cape	Nama kHoi LM	Okiep System
359	Free State	Dihlabeng LM	Fouriesburg Water Supply System	360	Northern Cape	Nama kHoi LM	Rooiwal
361	Free State	Dihlabeng LM	Rosendal Water Supply System	362	Northern Cape	Nama kHoi LM	Springbok
363	Free State	Kopanong LM	Bethulie Supply System (supplied by Bloem Water WSP)	364	Northern Cape	Nama kHoi LM	Steinkopf

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365	Free State	Kopanong LM	Edenburg Supply System (supplied by Bloem Water WSP)	366	Northern Cape	Nama kHoi LM	Violsdrift
367	Free State	Kopanong LM	Fauresmith Supply System (supplied by Bloem Water WSP)	368	Northern Cape	Phokwane LM	Hartswater
369	Free State	Kopanong LM	Gariep Water Supply System (supplied by Bloem Water WSP)	370	Northern Cape	Phokwane LM	Jan Kempdorp
371	Free State	Kopanong LM	Jagersfontein Supply System (supplied by Bloem Water WSP)	372	Northern Cape	Phokwane LM	Pampierstad (Managed by Sedibeng Water)
373	Free State	Kopanong LM	Philippolis Supply System (supplied by Bloem Water WSP)	374	Northern Cape	Renosterberg LM	Petrusville (from Vanderkloof)
375	Free State	Kopanong LM	Reddersburg Supply System (supplied by Bloem Water WSP)	376	Northern Cape	Renosterberg LM	Phillipstown Boreholes
377	Free State	Kopanong LM	Springfontein Supply System (supplied by Bloem Water WSP)	378	Northern Cape	Renosterberg LM	Vanderkloof
379	Free State	Kopanong LM	Trompsburg Supply System (supplied by Bloem Water WSP)	380	Northern Cape	Richtersveld LM	Eksteenfontein
381	Free State	Letsemeng LM	Jacobsdal WTW	382	Northern Cape	Richtersveld LM	Kuboes
383	Free State	Letsemeng LM	Koffiefontein	384	Northern Cape	Richtersveld LM	Lekkersing
385	Free State	Letsemeng LM	Luckhoff	386	Northern Cape	Richtersveld LM	Port Nolloth / Alexander Baai (Alexcor & 8 Myl)
387	Free State	Letsemeng LM	Oppermangronde	388	Northern Cape	Richtersveld LM	Sanddrift

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389	Free State	Letsemeng LM	Petrusburg	390	Northern Cape	Siyancuma LM	Campbell Supply System
391	Free State	Mafube LM	Frankfort	392	Northern Cape	Siyancuma LM	Douglas
393	Free State	Mafube LM	Tweeling	394	Northern Cape	Siyancuma LM	Griekwastad Supply System
395	Free State	Mafube LM	Villiers	396	Northern Cape	Siyancuma LM	Schmidtsdrift Supply System
397	Free State	Maluti a Phofung LM	QWAQWA (Makwane WTW)	398	Northern Cape	Siyathemba LM	Marydale Borehole system
399	Free State	Maluti a Phofung LM	Harrismith (Wilge WTW)	400	Northern Cape	Siyathemba LM	Niekerkshoop Borehole System
401	Free State	Maluti a Phofung LM	Harrismith (Dr Limpopo Letsela WTW)	402	Northern Cape	Siyathemba LM	Prieska Orange River
403	Free State	Maluti a Phofung LM	QWAQWA (Fika - Patso WTW)	404	Northern Cape	Sol Plaatjie LM	Kby Zone 16: Riverton
405	Free State	Mangaung LM	Bloemfontein	406	Northern Cape	Sol Plaatjie LM	Kby Zone A-E: Ritchie
407	Free State	Mangaung LM	BOTSHABELO	408	Northern Cape	Thembelihle LM	Hopetown (Orange River)
409	Free State	Mangaung LM	Thaba Nchu	410	Northern Cape	Thembelihle LM	Strydenburg (Boreholes)
411	Free State	Mantsopa LM	Excelsior Water Supply System	412	Northern Cape	Tsantsabane LM	Green Water Supply System
413	Free State	Mantsopa LM	Hobhouse Water supply system	414	Northern Cape	Tsantsabane LM	Jenn Heaven Supply System
415	Free State	Mantsopa LM	Ladybrand Water Supply System	416	Northern Cape	Tsantsabane LM	Postdene Supply System
417	Free State	Mantsopa LM	Thaba Phatchoa Water Supply System	418	Northern Cape	Tsantsabane LM	Postmasburg

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
419	Free State	Mantsopa LM	Tweespruit Water Supply System	420	Northern Cape	Tsantsabane LM	Skeyfontein Supply System
421	Free State	Masilonyana LM	Brandfort Supply System	422	Northern Cape	Tsantsabane LM	Tsantsabane Local Municipality
423	Free State	Masilonyana LM	Soutpan Supply System	424	Northern Cape	Tsantsabane LM	Vaal Gamagara
425	Free State	Masilonyana LM	The Greater Masilonyana Local Municipality	426	Northern Cape	Ubuntu LM	Hutchinson
427	Free State	Masilonyana LM	Theunissen Supply System	428	Northern Cape	Ubuntu LM	Loxton
429	Free State	Masilonyana LM	Verkeerdevelei Supply System	430	Northern Cape	Ubuntu LM	merriam
431	Free State	Masilonyana LM	Winburg Supply System	432	Northern Cape	Ubuntu LM	Richmond
433	Free State	Matjhabeng LM	Allanridge Water supply System	434	Northern Cape	Ubuntu LM	Victoria West
435	Free State	Matjhabeng LM	Hennenman Water Supply System	436	Northern Cape	Umsobomvu LM	Colesberg (TW & boreholes)
437	Free State	Matjhabeng LM	Odendaalsrus Water Supply System	438	Northern Cape	Umsobomvu LM	NORVALSPONT (TW)
439	Free State	Matjhabeng LM	Ventersburg Water Supply System	440	Northern Cape	Umsobomvu LM	Noupoort (boreholes)
441	Free State	Matjhabeng LM	Virginia Water Supply System	442	Western Cape	Beaufort West LM	Beaufort West
443	Free State	Matjhabeng LM	Welkom Water Supply System	444	Western Cape	Beaufort West LM	Merweville

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445	Free State	Metsimaholo LM	Deneysville	446	Western Cape	Beaufort West LM	Murraysburg BWM
447	Free State	Metsimaholo LM	Oranjeville	448	Western Cape	Beaufort West LM	Nelspoort
449	Free State	Metsimaholo LM	Sasolburg	450	Western Cape	Bergrivier LM	Aurora
451	Free State	Mohokare LM	Rouxville Conventional Water Treatment Plant	452	Western Cape	Bergrivier LM	Eendekuil
453	Free State	Mohokare LM	Smithfield Conventional Water Treatment Plant	454	Western Cape	Bergrivier LM	Pikeberg
455	Free State	Mohokare LM	Zastron Conventional Water Treatment Plant	456	Western Cape	Bergrivier LM	Poterville
457	Free State	Moghaka LM	Kroonstad	458	Western Cape	Bergrivier LM	Redeling-huys
459	Free State	Moghaka LM	Steynsrus	460	Western Cape	Bergrivier LM	Velddrif
461	Free State	Moghaka LM	Viljoenskroon	462	Western Cape	Bitou LM	Kurland
463	Free State	Nala LM	Balkfontein (Sedibeng Water)	464	Western Cape	Bitou LM	Nature's Valley
465	Free State	Naledi LM	Dewetsdorp Supply System (Bloem Water)	466	Western Cape	Bitou LM	Plettenberg Bay
467	Free State	Naledi LM	Vanstadensrus WTW	468	Western Cape	Breede Valley LM	Bokrivier (Touwsrivier)
469	Free State	Naledi LM	Wepener Supply System (Bloem Water)	470	Western Cape	Breede Valley LM	De Doorns
471	Free State	Ngwathe LM	Heilbron (WSA)	472	Western Cape	Breede Valley LM	De Koppen (Fairglen)
473	Free State	Ngwathe LM	Koppies (WSA)	474	Western Cape	Breede Valley LM	Rawsonville
475	Free State	Ngwathe LM	Parys (WSA)	476	Western Cape	Breede Valley LM	Worcester
477	Free State	Ngwathe LM	Vredefort (WSA)	478	Western Cape	Cape Agulhas LM	Aniston/Waenhuskrans

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479	Free State	Nketoana LM	Arlington	480	Western Cape	Cape Agulhas LM	Bredasdorp
481	Free State	Nketoana LM	Lindley	482	Western Cape	Cape Agulhas LM	Elim Fountain Water
483	Free State	Nketoana LM	Petrus Steyn	484	Western Cape	Cape Agulhas LM	Klipdale
485	Free State	Nketoana LM	Reitz	486	Western Cape	Cape Agulhas LM	L' Agulhas
487	Free State	Phumelela LM	Memel Supply system	488	Western Cape	Cape Agulhas LM	Napier
489	Free State	Phumelela LM	Vrede Supply system	490	Western Cape	Cape Agulhas LM	Protem
491	Free State	Phumelela LM	Warden	492	Western Cape	Cape Agulhas LM	spanjaardskloof
493	Free State	Setoto LM	Clocolan (Clocolan TW)	494	Western Cape	Cape Agulhas LM	Struisbaai
495	Free State	Setoto LM	Ficksburg (Ficksburg TW)	496	Western Cape	Cape Agulhas LM	Suiderstrand
497	Free State	Setoto LM	Marquard (Marquard TW)	498	Western Cape	Cederberg LM	Algeria
499	Free State	Setoto LM	Senekal (Cyferfontein and De Put TW)	500	Western Cape	Cederberg LM	Citrusdal
501	Free State	Tokologo LM	Boshof Water Supply System	502	Western Cape	Cederberg LM	Clanwilliam
503	Free State	Tokologo LM	Dealesville Water Supply System	504	Western Cape	Cederberg LM	Elands Bay
505	Free State	Tokologo LM	Hertzogville Water Supply System	506	Western Cape	Cederberg LM	Graafwater
507	Free State	Tswelopele LM	Bultfontein Supply Zone	508	Western Cape	Cederberg LM	Lambert's Bay
509	Free State	Tswelopele LM	Hoopstad Supply Zone	510	Western Cape	Cederberg LM	Leipoldtville

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
511	KwaZulu-Natal	Amajuba DM	Dannhauser LM - Buffalo Flats - (Ngagane TW) - uTW (WSP)	512	Western Cape	Cederberg LM	Paleisheuvel
513	KwaZulu-Natal	Amajuba DM	Dannhauser LM - Dannhauser (Dannhauser TW) - uTW (WSP)	514	Western Cape	City of Cape Town M	Cape Town
515	KwaZulu-Natal	Amajuba DM	Dannhauser LM - Durnacol (Durnacol TW) - uTW (WSP)	516	Western Cape	Drakenstein LM	Bainskloof (Bainskloof TW)
517	KwaZulu-Natal	Amajuba DM	Dannhauser LM - Rudimentary Boreholes - uTW (WSP)	518	Western Cape	Drakenstein LM	Drakenstein (Paarl Mountain TW & Cape Town Bulk)
519	KwaZulu-Natal	Amajuba DM	Utrecht LM - Waterval Prison (Ngagane TW) - uTW (WSP)	520	Western Cape	Drakenstein LM	Gouda (West Coast DM)
521	KwaZulu-Natal	Amajuba DM	Utrecht LM - Utrecht (Utrecht TW) - uTW (WSP)	522	Western Cape	Drakenstein LM	Hermon
523	KwaZulu-Natal	Amajuba DM	Utrecht LM - Rudimentary Boreholes - uTW (WSP)	524	Western Cape	Drakenstein LM	Saron (Saron TW)
525	KwaZulu-Natal	eThekwinini MM	eThekwinini Main (Umgeni, Kloof TW, Mdhloti TW)	526	Western Cape	George LM	George Water Works
527	KwaZulu-Natal	eThekwinini MM	Ogunjini (Ogunjini TW)	528	Western Cape	George LM	Haarlem Water Works

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
529	KwaZulu-Natal	eThekweni MM	Rural Boreholes	530	Western Cape	George LM	Uniondale Water Treatment Works
531	KwaZulu-Natal	eThekweni MM	Tongaat	532	Western Cape	George LM	Wilderness Water Works
533	KwaZulu-Natal	iLembe DM	Amatigulu	534	Western Cape	Hessequa LM	Albertinia
535	KwaZulu-Natal	iLembe DM	Blythedale Water supply	536	Western Cape	Hessequa LM	Garcia
537	KwaZulu-Natal	iLembe DM	Darnall Water Supply Scheme	538	Western Cape	Hessequa LM	Gouritsmond
539	KwaZulu-Natal	iLembe DM	Dedankivane	540	Western Cape	Hessequa LM	Heidelberg
541	KwaZulu-Natal	iLembe DM	Driefontein	542	Western Cape	Hessequa LM	Vermaaklikheid
543	KwaZulu-Natal	iLembe DM	Esidumbini supply system	544	Western Cape	Hessequa LM	Witsand
545	KwaZulu-Natal	iLembe DM	Ethembeni	546	Western Cape	Kannaland LM	Calitzdorp
547	KwaZulu-Natal	iLembe DM	Glendale	548	Western Cape	Kannaland LM	Ladismith
549	KwaZulu-Natal	iLembe DM	Gogovuma WTW	550	Western Cape	Kannaland LM	Van Wyksdorp WTW
551	KwaZulu-Natal	iLembe DM	Groutville Water Supply	552	Western Cape	Kannaland LM	Zoar Town
553	KwaZulu-Natal	iLembe DM	Hlanganani	554	Western Cape	Knysna LM	Belvidere
555	KwaZulu-Natal	iLembe DM	Hlimbithwa Water Scheme	556	Western Cape	Knysna LM	Brenton -On-Sea
557	KwaZulu-Natal	iLembe DM	Ifalethu	558	Western Cape	Knysna LM	Brenton-On-Lake
559	KwaZulu-Natal	iLembe DM	Isiminyva	560	Western Cape	Knysna LM	Buffalo Bay
561	KwaZulu-Natal	iLembe DM	Isithundu WTW	562	Western Cape	Knysna LM	Karatara

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
563	KwaZulu-Natal	iLembe DM	KwaSathane	564	Western Cape	Knysna LM	Knysna WTW and Desal Plant
565	KwaZulu-Natal	iLembe DM	Lambothe	566	Western Cape	Knysna LM	Rheenendal
567	KwaZulu-Natal	iLembe DM	Madundube Water Treatment Works	568	Western Cape	Knysna LM	Sedgefield WTW, Desal Plant, Emergency Bore Holes
569	KwaZulu-Natal	iLembe DM	Makwanini	570	Western Cape	Laingsburg LM	Laingsburg
571	KwaZulu-Natal	iLembe DM	Mandeni WTW	572	Western Cape	Laingsburg LM	Matjiesfontein
573	KwaZulu-Natal	iLembe DM	Maqumbi Borehole	574	Western Cape	Langeberg LM	Ashton
575	KwaZulu-Natal	iLembe DM	Masibambisane WW	576	Western Cape	Langeberg LM	Bonnievale
577	KwaZulu-Natal	iLembe DM	Mayelisweni water supply	578	Western Cape	Langeberg LM	McGregor
579	KwaZulu-Natal	iLembe DM	Mazitapele	580	Western Cape	Langeberg LM	Montagu
581	KwaZulu-Natal	iLembe DM	Mbitane WTW	582	Western Cape	Langeberg LM	Robertson
583	KwaZulu-Natal	iLembe DM	Montebello hospital supply	584	Western Cape	Matzikama LM	Bitterfontein DMA
585	KwaZulu-Natal	iLembe DM	Mphumulo	586	Western Cape	Matzikama LM	Ebenhaezer
587	KwaZulu-Natal	iLembe DM	Mushane WTW	588	Western Cape	Matzikama LM	Klawer
589	KwaZulu-Natal	iLembe DM	Ndulinde water scheme	590	Western Cape	Matzikama LM	Kliprand
591	KwaZulu-Natal	iLembe DM	Ndwedwe	592	Western Cape	Matzikama LM	Koekenaap
593	KwaZulu-Natal	iLembe DM	Ngcebo	594	Western Cape	Matzikama LM	Lutzville
595	KwaZulu-Natal	iLembe DM	Ntabaskop water supply	596	Western Cape	Matzikama LM	Lutzville West

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597	KwaZulu-Natal	iLembe DM	Ntunjambili	598	Western Cape	Matzikama LM	Vredendal
599	KwaZulu-Natal	iLembe DM	Ohwebede	600	Western Cape	Mossel Bay LM	Friemersheim WSS
601	KwaZulu-Natal	iLembe DM	Phambela	602	Western Cape	Mossel Bay LM	Hebertsdale WSS
603	KwaZulu-Natal	iLembe DM	San souci	604	Western Cape	Mossel Bay LM	Lodewykstenk WSS
605	KwaZulu-Natal	iLembe DM	Sundumbili	606	Western Cape	Mossel Bay LM	Mosselbaai/ Grootbrak/ Kleinbrak WSS
607	KwaZulu-Natal	iLembe DM	Sundumbili Reticulation	608	Western Cape	Mossel Bay LM	Ruiterbos WSS
609	KwaZulu-Natal	iLembe DM	Umvoti/kwaDukuza	610	Western Cape	Oudtshoorn LM	De Rust
611	KwaZulu-Natal	iLembe DM	Uthukela Mouth BH	612	Western Cape	Oudtshoorn LM	Klein Karoo Water Supply Scheme
613	KwaZulu-Natal	iLembe DM	Uthukela WTW	614	Western Cape	Oudtshoorn LM	Oudtshoorn
615	KwaZulu-Natal	iLembe DM	Vukile High School WTW	616	Western Cape	Overstrand LM	Baardskeedersbos Supply System
617	KwaZulu-Natal	iLembe DM	Waterfall	618	Western Cape	Overstrand LM	Buffeljags Bay Supply System
619	KwaZulu-Natal	iLembe DM	Wosiyane Water Supply	620	Western Cape	Overstrand LM	Buffelsrivier Supply System
621	KwaZulu-Natal	iLembe DM	Zinkwazi water supply	622	Western Cape	Overstrand LM	Greater Gansbaai Supply System
623	KwaZulu-Natal	Newcastle LM	Charlestown Water System (Pixle ka Sema TW)	624	Western Cape	Overstrand LM	Greater Hermanus Supply System
625	KwaZulu-Natal	Harry Gwala DM	Bulwer	626	Western Cape	Overstrand LM	Kleinmond Supply System
627	KwaZulu-Natal	Harry Gwala DM	Creighton	628	Western Cape	Overstrand LM	Pearly Beach Supply System

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629	KwaZulu-Natal	Harry Gwala DM	Donnybrook Borehole Schemes	630	Western Cape	Overstrand LM	Stanford Supply System
631	KwaZulu-Natal	Harry Gwala DM	Esiqandulweni	632	Western Cape	Prince Albert LM	Klaarstroom
633	KwaZulu-Natal	Harry Gwala DM	Franklin	634	Western Cape	Prince Albert LM	Leeugamka
635	KwaZulu-Natal	Harry Gwala DM	Highflats/Spornet	636	Western Cape	Prince Albert LM	Prince Albert
637	KwaZulu-Natal	Harry Gwala DM	Hlanganani/Polela	638	Western Cape	Saldanha Bay LM	Saldanha Bay Supply Systems
639	KwaZulu-Natal	Harry Gwala DM	Ibisi	640	Western Cape	Stellenbosch LM	Blackheath (City Of Cape Town)
641	KwaZulu-Natal	Harry Gwala DM	Ixopo	642	Western Cape	Stellenbosch LM	Faure System (City of Cape Town)
643	KwaZulu-Natal	Harry Gwala DM	Jolivet/Ugu	644	Western Cape	Stellenbosch LM	Franschhoek
645	KwaZulu-Natal	Harry Gwala DM	Kokstad	646	Western Cape	Stellenbosch LM	Stellenbosch
647	KwaZulu-Natal	Harry Gwala DM	Nokweja	648	Western Cape	Stellenbosch LM	Wemmershoek (City of Cape Town)
649	KwaZulu-Natal	Harry Gwala DM	Riverside	650	Western Cape	Swartland LM	Malmesbury Supply System
651	KwaZulu-Natal	Harry Gwala DM	St Apollinaris	652	Western Cape	Swartland LM	Moorreesburg Supply System
653	KwaZulu-Natal	Harry Gwala DM	Umzimkhulu	654	Western Cape	Swellendam LM	Barrydale
655	KwaZulu-Natal	Harry Gwala DM	Underberg	656	Western Cape	Swellendam LM	Buffelsagrivier
657	KwaZulu-Natal	Harry Gwala DM	Washbank/Highlands	658	Western Cape	Swellendam LM	Suurbraak
659	KwaZulu-Natal	Msunduzi LM	Umsunduzi	660	Western Cape	Swellendam LM	Swellendam
661	KwaZulu-Natal	Ugu DM	Assisi	662	Western Cape	Theewaterskloof LM	Bereaville

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663	KwaZulu-Natal	Ugu DM	Bhobhoyi	664	Western Cape	Theewaterskloof LM	Botrivier
665	KwaZulu-Natal	Ugu DM	Boreholes	666	Western Cape	Theewaterskloof LM	Caledon
667	KwaZulu-Natal	Ugu DM	Harding	668	Western Cape	Theewaterskloof LM	Genadendal-WTW
669	KwaZulu-Natal	Ugu DM	Hlokozi	670	Western Cape	Theewaterskloof LM	Grabouw WTW
671	KwaZulu-Natal	Ugu DM	KwaFodo	672	Western Cape	Theewaterskloof LM	Greyton
673	KwaZulu-Natal	Ugu DM	KwaHlongwa	674	Western Cape	Theewaterskloof LM	Riviersonderend WTW
675	KwaZulu-Natal	Ugu DM	KwaLembe	676	Western Cape	Theewaterskloof LM	Tesselaarsdal WTW
677	KwaZulu-Natal	Ugu DM	KwaMbotho	678	Western Cape	Theewaterskloof LM	Villiersdorp WTW
679	KwaZulu-Natal	Ugu DM	KwaNdelu	680	Western Cape	Theewaterskloof LM	Voorstekraal
681	KwaZulu-Natal	Ugu DM	KwaNyuswa 1	682	Western Cape	Witzenberg LM	Ceres Water Care Works
683	KwaZulu-Natal	Ugu DM	KwaNyuswa 2	684	Western Cape	Witzenberg LM	Op die Berg Water Care works
685	KwaZulu-Natal	Ugu DM	Phungashe	686	Western Cape	Witzenberg LM	Prince Alfred Hamlet Water Care Works
687	KwaZulu-Natal	Ugu DM	Umtamvuna	688	Western Cape	Witzenberg LM	Tulbagh Water Treatment Works
689	KwaZulu-Natal	Ugu DM	Umtwalume	690	Western Cape	Witzenberg LM	Wolseley Water Care Works
691	KwaZulu-Natal	Ugu DM	Umzinto	692	Gauteng	City of Johannesburg	Greater Johannesburg Water Supply System
693	KwaZulu-Natal	Ugu DM	Vulamehlo	694	Gauteng	City of Tshwane	Kungwini - (Bronkhorstpruit Town WTW)
695	KwaZulu-Natal	Ugu DM	Weza	696	Gauteng	City of Tshwane	Kungwini (Bronkhorstbaai WTW)

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697	KwaZulu-Natal	Umgungundlovu DM	Appelsbosch	698	Gauteng	City of Tshwane	Kungwini (Summerplace WTW)
699	KwaZulu-Natal	Umgungundlovu DM	Boreholes (Untreated)	700	Gauteng	City of Tshwane	Magalies (Cullinan WTW)
701	KwaZulu-Natal	Umgungundlovu DM	Embuthweni	702	Gauteng	City of Tshwane	Magalies (Walmanshal WTW)
703	KwaZulu-Natal	Umgungundlovu DM	Gomane Boreholes	704	Gauteng	City of Tshwane	Onverwacht Informal settlement
705	KwaZulu-Natal	Umgungundlovu DM	Impendle Spring	706	Gauteng	City of Tshwane	Pretoria Central & South (Rietvlei WTW & Rand Water)
707	KwaZulu-Natal	Umgungundlovu DM	Lidgetton West	708	Gauteng	City of Tshwane	Pretoria Findley (Fountains)
709	KwaZulu-Natal	Umgungundlovu DM	Makeni	710	Gauteng	City of Tshwane	Pretoria North - (Roodeplaat WTW)
711	KwaZulu-Natal	Umgungundlovu DM	Mpofana	712	Gauteng	City of Tshwane	Pretoria Temba (Temba WTW; Klipdrift WTW)
713	KwaZulu-Natal	Umgungundlovu DM	Mtulwa	714	Gauteng	City of Tshwane	Sokhuluml Informal Settlement
715	KwaZulu-Natal	Umgungundlovu DM	Ntanzu	716	Gauteng	Ekurhuleni	Nigel
717	KwaZulu-Natal	Umgungundlovu DM	Nzinga	718	Gauteng	Ekurhuleni	Alberton
719	KwaZulu-Natal	Umgungundlovu DM	Richmond	720	Gauteng	Ekurhuleni	Benoni
721	KwaZulu-Natal	Umgungundlovu DM	Rosetta	722	Gauteng	Ekurhuleni	Boksburg
723	KwaZulu-Natal	Umgungundlovu DM	Umgungu Bulk Supply	724	Gauteng	Ekurhuleni	Brakpan
725	KwaZulu-Natal	uMhlathuze LM	Esikhaleni WTW	726	Gauteng	Ekurhuleni	Daveyton
727	KwaZulu-Natal	uMhlathuze LM	Mzingazi WTW	728	Gauteng	Ekurhuleni	Duduza

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729	KwaZulu-Natal	uMhlathuze LM	Ngwelezane WTW	730	Gauteng	Ekurhuleni	Edenvale
731	KwaZulu-Natal	uMhlathuze LM	Nsezi WTW	732	Gauteng	Ekurhuleni	Ekwatwa
733	KwaZulu-Natal	Umkhanyakude DM	Block 6	734	Gauteng	Ekurhuleni	Germiston
735	KwaZulu-Natal	Umkhanyakude DM	Borehole Clusters	736	Gauteng	Ekurhuleni	Katlehong
737	KwaZulu-Natal	Umkhanyakude DM	Enkanyezini	738	Gauteng	Ekurhuleni	Kempton Park
739	KwaZulu-Natal	Umkhanyakude DM	Hlabisa	740	Gauteng	Ekurhuleni	Kwa-Thema
741	KwaZulu-Natal	Umkhanyakude DM	Hluhluwe Phase1	742	Gauteng	Ekurhuleni	Springs
743	KwaZulu-Natal	Umkhanyakude DM	Hluhluwe Phase2	744	Gauteng	Ekurhuleni	Tembisa
745	KwaZulu-Natal	Umkhanyakude DM	Ingwavuma	746	Gauteng	Ekurhuleni	Tokoza
747	KwaZulu-Natal	Umkhanyakude DM	Jozini (New)	748	Gauteng	Ekurhuleni	Tsakane
749	KwaZulu-Natal	Umkhanyakude DM	Jozini (Old)	750	Gauteng	Ekurhuleni	Vosloorus
751	KwaZulu-Natal	Umkhanyakude DM	Makhonyeni	752	Gauteng	Ermfuleni	Ermfuleni Water Supply System (RW)
753	KwaZulu-Natal	Umkhanyakude DM	Malobeni	754	Gauteng	Ermfuleni	Vaalower (Vaalower TW)
755	KwaZulu-Natal	Umkhanyakude DM	Manguzi	756	Gauteng	Lesdi Local Municipality	Lesedi Main (Rand Water)
757	KwaZulu-Natal	Umkhanyakude DM	Manguzi Airfield	758	Gauteng	Merafong Local Municipality	Carletonville(Rand Water)
759	KwaZulu-Natal	Umkhanyakude DM	Mbazwana	760	Gauteng	Merafong Local Municipality	Fochville(Rand Water)
761	KwaZulu-Natal	Umkhanyakude DM	Mjindi Central	762	Gauteng	Merafong Local Municipality	Wedela(Rand Water)
763	KwaZulu-Natal	Umkhanyakude DM	Mkuze	764	Gauteng	Midvaal Local Municipality	Meyerton (rand water)

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765	KwaZulu-Natal	Umkhanyakude DM	Mpembeni	766	Gauteng	Midvaal Local Municipality	vaal marina (vaal marina wtp)
767	KwaZulu-Natal	Umkhanyakude DM	Mseleni	768	Gauteng	Mogale Local Municipality	Mogale City Water Supply Systems
769	KwaZulu-Natal	Umkhanyakude DM	Mshudu	770	Gauteng	Randfontein Local Municipality	Randfontein Water Supply Systems
771	KwaZulu-Natal	Umkhanyakude DM	Mtubatuba	772	Gauteng	Westonaria Local Municipality	Bekkersdal (RW)
773	KwaZulu-Natal	Umkhanyakude DM	Nkolokotho	774	Gauteng	Westonaria Local Municipality	Glenharvie (RW)
775	KwaZulu-Natal	Umkhanyakude DM	Nondubuya	776	Gauteng	Westonaria Local Municipality	Suurbekom (RW)
777	KwaZulu-Natal	Umkhanyakude DM	Othobothini	778	Gauteng	Westonaria Local Municipality	Wagterskop (RW)
779	KwaZulu-Natal	Umkhanyakude DM	Shemula	780	Gauteng	Westonaria Local Municipality	Waterpan (RW)
781	KwaZulu-Natal	Umkhanyakude DM	Thengane	782	Gauteng	Westonaria Local Municipality	Westonaria RW
783	KwaZulu-Natal	Umkhanyakude DM	Msinga LM - Fabeni WTW	784	Limpopo	Bela Bela Local Municipality	Bela Bela/magalies water supply system
785	KwaZulu-Natal	Umkhanyakude DM	Msinga LM - Keat's Drift (Ethembeni) WTW	786	Limpopo	Bela Bela Local Municipality	Radium borehole water system
787	KwaZulu-Natal	Umkhanyakude DM	Msinga LM - Pomeroy WTW	788	Limpopo	Bela Bela Local Municipality	Rapotokwane borehole water system
789	KwaZulu-Natal	Umkhanyakude DM	Msinga LM - Sampofu WTW	790	Limpopo	Capricorn District Municipality	Alldays Water Supply system

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791	KwaZulu-Natal	Umqinyathi DM	Nqutu LM - Isandlwana WTW	792	Limpopo	Capricorn District Municipality	Botlokwa Regional Water Supply System
793	KwaZulu-Natal	Umqinyathi DM	Nqutu LM - Nondweni WTP	794	Limpopo	Capricorn District Municipality	Lebowakgomo Water Supply System
795	KwaZulu-Natal	Umqinyathi DM	Nqutu LM - Nqutu (Vant's Drift) WTW	796	Limpopo	Capricorn District Municipality	Mashashane Water Supply System
797	KwaZulu-Natal	Umqinyathi DM	Nqutu LM - Qudeni WTW	798	Limpopo	Capricorn District Municipality	Mogwadi Water Supply System
799	KwaZulu-Natal	Umqinyathi DM	Umvoti LM - Amakhabaleni WTW	800	Limpopo	Capricorn District Municipality	Olifantspoort Water Supply System
801	KwaZulu-Natal	Umqinyathi DM	Umvoti LM - Greytown WTW	802	Limpopo	Capricorn District Municipality	Senwabarwana Water Supply Systems
803	KwaZulu-Natal	Umqinyathi DM	Umvoti LM - Muden WTW	804	Limpopo	Capricorn District Municipality	Zebidiela Water Supply System
805	KwaZulu-Natal	Umqinyathi DM	UMVOTI LM Kranskop WTW	806	Limpopo	Greater Sekhukhune District Municipality	Burgersfort Water Supply System
807	KwaZulu-Natal	Uthukela DM	Emnambithi / Ladysmith - Colenso Town	808	Limpopo	Greater Sekhukhune District Municipality	Fetakgomo Supply System
809	KwaZulu-Natal	Uthukela DM	Emnambithi / Ladysmith - Ezakheni	810	Limpopo	Greater Sekhukhune District Municipality	Flag Boshielo Water Supply System
811	KwaZulu-Natal	Uthukela DM	Emnambithi / Ladysmith - Ladysmith Town	812	Limpopo	Greater Sekhukhune District Municipality	Moroke Borehole
813	KwaZulu-Natal	Uthukela DM	Imbabazane - Loskop	814	Limpopo	Greater Sekhukhune District Municipality	Moutse Water Supply System
815	KwaZulu-Natal	Uthukela DM	Imbabazane - Loskop (rural scheme)	816	Limpopo	Greater Sekhukhune District Municipality	Ngwaabe Supply System

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817	KwaZulu-Natal	Uthukela DM	Indaka - Ekuvukeni Township and surrounding Rural areas	818	Limpopo	Greater Sekhukhune District Municipality	Nkosini Water Supply System
819	KwaZulu-Natal	Uthukela DM	Indaka - Tugela Estates	820	Limpopo	Greater Sekhukhune District Municipality	Roosenekal Water Supply System
821	KwaZulu-Natal	Uthukela DM	Okhahlamba - Bergville Town and Surrounding Rural Areas	822	Limpopo	Greater Sekhukhune District Municipality	Penge Water Supply System
823	KwaZulu-Natal	Uthukela DM	Okhahlamba - Langkloof	824	Limpopo	Greater Sekhukhune District Municipality	Tubatse
825	KwaZulu-Natal	Uthukela DM	Okhahlamba - Moyaeni/Zwelisha	826	Limpopo	Greater Sekhukhune District Municipality	Vergelegen Water Supply System
827	KwaZulu-Natal	Uthukela DM	Okhahlamba - Winterton Town, Khethani Township	828	Limpopo	Lephalale Local Municipality	Lephalale LM/ Matimba WTP - Reticulation System
829	KwaZulu-Natal	Uthukela DM	Umtshezi - Archie Rodel	830	Limpopo	Lephalale Local Municipality	Lephalale LM/ Zeeland WTP - Reticulation System
831	KwaZulu-Natal	Uthukela DM	Umtshezi - George Cross	832	Limpopo	Lephalale Local Municipality	Mokuruanyane Regional Water Supply Scheme
833	KwaZulu-Natal	Uthukela DM	Umtshezi - Weenen Town	834	Limpopo	Lephalale Local Municipality	Seleka Water Supply Scheme
835	KwaZulu-Natal	Uthungulu DM	Eshowe	836	Limpopo	Lephalale Local Municipality	Shongoane Water Supply Scheme
837	KwaZulu-Natal	Uthungulu DM	Gingindlovu (Gingindlove WTW)	838	Limpopo	Lephalale Local Municipality	Witpoort Regional Water Supply Scheme

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839	KwaZulu-Natal	Uthungulu DM	Greater Mthonjaneni	840	Limpopo	Modimolle Local Municipality	Mabaleng Res(Borehole MM 006/2010)
841	KwaZulu-Natal	Uthungulu DM	Mbonambi Bulk supply (Nsezi plant WTW-City of uMhlatuze)	842	Limpopo	Modimolle Local Municipality	Mabatlane Res (Borehole MM 007/2010)
843	KwaZulu-Natal	Uthungulu DM	Melmoth (Melmoth WTW)	844	Limpopo	Modimolle Local Municipality	Modimolle/Magalies Water System
845	KwaZulu-Natal	Uthungulu DM	Middelrift	846	Limpopo	Mokgalakwena Local Municipality	Mokopane Mahweleing
847	KwaZulu-Natal	Uthungulu DM	Mtunzini(City of uMhlatuze)	848	Limpopo	Mopani District Municipality	Drakensig
849	KwaZulu-Natal	Uthungulu DM	Nkandla (Package plants)	850	Limpopo	Mopani District Municipality	Ebenezer
851	KwaZulu-Natal	Uthungulu DM	Nkandla (Nkandla WTW)	852	Limpopo	Mopani District Municipality	Finale
853	KwaZulu-Natal	Uthungulu DM	Nkandla Rudimentary (Boreholes)	854	Limpopo	Mopani District Municipality	Giyani Water supply area
855	KwaZulu-Natal	Uthungulu DM	Ntambanana(Package plants)	856	Limpopo	Mopani District Municipality	Greater Tzaneen Municipality
857	KwaZulu-Natal	Uthungulu DM	Rudimentary Schemes-Mthonjaneni (Boreholes)	858	Limpopo	Mopani District Municipality	Letaba Politsi and Modjadji
859	KwaZulu-Natal	Uthungulu DM	Rudimentary Schemes-Ntambanana (Boreholes)	860	Limpopo	Mopani District Municipality	Letsitele
861	KwaZulu-Natal	Uthungulu DM	Rudimentary Schemes-Umlalazi(boreholes)	862	Limpopo	Mopani District Municipality	Mapuve

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863	KwaZulu-Natal	Uthungulu DM	Umlalazi (Package plants)	864	Limpopo	Mopani District Municipality	Middle Letaba
865	KwaZulu-Natal	Zululand DM	Babanango	866	Limpopo	Mopani District Municipality	Muyexe Reverse Osmosis
867	KwaZulu-Natal	Zululand DM	Belgrade	868	Limpopo	Mopani District Municipality	Nkambako
869	KwaZulu-Natal	Zululand DM	Belgrade New	870	Limpopo	Mopani District Municipality	Nkowankowa
871	KwaZulu-Natal	Zululand DM	Ceza Water Supply	872	Limpopo	Mopani District Municipality	Nondweni
873	KwaZulu-Natal	Zululand DM	Coronation	874	Limpopo	Mopani District Municipality	Phalaborwa, Lulekani and Namakgale
875	KwaZulu-Natal	Zululand DM	eDumbe	876	Limpopo	Mopani District Municipality	Sekororo
877	KwaZulu-Natal	Zululand DM	eMakhosini	878	Limpopo	Mopani District Municipality	Semarela
879	KwaZulu-Natal	Zululand DM	eMondlo Town	880	Limpopo	Mopani District Municipality	Thabina
881	KwaZulu-Natal	Zululand DM	Enyathi Town	882	Limpopo	Mopani District Municipality	Thapane
883	KwaZulu-Natal	Zululand DM	Enyokeni Palace	884	Limpopo	Mopani District Municipality	The Oaks
885	KwaZulu-Natal	Zululand DM	Frischgewaagd Bilanyoni	886	Limpopo	Mopani District Municipality	Tours Water Supply System
887	KwaZulu-Natal	Zululand DM	Gumbi Rural Supply Scheme	888	Limpopo	Mopani District Municipality	Zava Package Plant

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889	KwaZulu-Natal	Zululand DM	Hlobane	890	Limpopo	Polokwane Local Municipality	Chuenemaja
891	KwaZulu-Natal	Zululand DM	Itshelejuba hospital	892	Limpopo	Polokwane Local Municipality	City Polokwane
893	KwaZulu-Natal	Zululand DM	Khambi	894	Limpopo	Polokwane Local Municipality	Mankweng Area
895	KwaZulu-Natal	Zululand DM	Khangela Palace	896	Limpopo	Polokwane Local Municipality	Molepo
897	KwaZulu-Natal	Zululand DM	Khiphunyawo	898	Limpopo	Polokwane Local Municipality	Moletjie Area
899	KwaZulu-Natal	Zululand DM	Kombuzi	900	Limpopo	Polokwane Local Municipality	Seshego
901	KwaZulu-Natal	Zululand DM	Louwsberg	902	Limpopo	Thabazimbi Local Municipality	Leeupoort Water Scheme
903	KwaZulu-Natal	Zululand DM	Mandlakazi	904	Limpopo	Thabazimbi Local Municipality	Northam Water Supply
905	KwaZulu-Natal	Zululand DM	Masokaneni	906	Limpopo	Thabazimbi Local Municipality	Rooiberg Water Scheme
907	KwaZulu-Natal	Zululand DM	Mountain View	908	Limpopo	Thabazimbi Local Municipality	Schilpadnest Water Scheme
909	KwaZulu-Natal	Zululand DM	Mpungamhlope	910	Limpopo	Thabazimbi Local Municipality	The Greater Thabazimbi Magalies
911	KwaZulu-Natal	Zululand DM	Msibi	912	Limpopo	Vhembe District Municipality	Elim Water System
913	KwaZulu-Natal	Zululand DM	Mvuzini	914	Limpopo	Vhembe District Municipality	Kutama Sinthumule Water System

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915	KwaZulu-Natal	Zululand DM	Nkonjeni Hospital	916	Limpopo	Vhembe District Municipality	Makhado (Louis Trichardt) Water System
917	KwaZulu-Natal	Zululand DM	Nkosentsha	918	Limpopo	Vhembe District Municipality	Musekwa Water System
919	KwaZulu-Natal	Zululand DM	Nongoma	920	Limpopo	Vhembe District Municipality	Musina Water System
921	KwaZulu-Natal	Zululand DM	Ophuzane	922	Limpopo	Vhembe District Municipality	Mutale water system
923	KwaZulu-Natal	Zululand DM	Osingisingini	924	Limpopo	Vhembe District Municipality	Mutshedzi Water System
925	KwaZulu-Natal	Zululand DM	Pongola	926	Limpopo	Vhembe District Municipality	Nzhelele Water System
927	KwaZulu-Natal	Zululand DM	Purim Rural Water Supply	928	Limpopo	Vhembe District Municipality	Thohoyandou Water System
929	KwaZulu-Natal	Zululand DM	Sidinsi	930	Limpopo	Vhembe District Municipality	Tshedza water supply system
931	KwaZulu-Natal	Zululand DM	Spekboom	932	Limpopo	Vhembe District Municipality	Tshifhire Murunwa Water System
933	KwaZulu-Natal	Zululand DM	Tholakele	934	North West	Dr Ruth Segomotsi District Municipality	Bogosing (Greater Taung LM - Managed by Sedibeng Water)
935	KwaZulu-Natal	Zululand DM	Thulasizwe hospital	936	North West	Dr Ruth Segomotsi District Municipality	Buxton (Greater Taung LM Borehole_ Sedibeng Water)
937	KwaZulu-Natal	Zululand DM	Ulundi Nkonjeni	938	North West	Dr Ruth Segomotsi District Municipality	Dikhotung (Greater Taung LM Boreholes_ Sedibeng Water)

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
939	KwaZulu-Natal	Zululand DM	Usuthu	940	North West	Dr Ruth Segomotsi District Municipality	Diretsaneng (Greater Taung LM Borehole_ Sedibeng Water)
941	KwaZulu-Natal	Zululand DM	Vryheid	942	North West	Dr Ruth Segomotsi District Municipality	Draaihoek (Greater Taung LM Borehole_ Sedibeng Water)
943	Mpumalanga	Albert Luthuli LM	Badplaas	944	North West	Dr Ruth Segomotsi District Municipality	Leshobo (Greater Taung LM Borehole_ Sedibeng Water)
945	Mpumalanga	Albert Luthuli LM	Bettysgoed	946	North West	Dr Ruth Segomotsi District Municipality	Lokgabeng (Greater Taung LM Borehole_ Sedibeng Water)
947	Mpumalanga	Albert Luthuli LM	Carolina	948	North West	Dr Ruth Segomotsi District Municipality	Longaneng (Greater Taung LM Boreholes_ Sedibeng Water)
949	Mpumalanga	Albert Luthuli LM	Ekulindeni	950	North West	Dr Ruth Segomotsi District Municipality	Loselong (Greater Taung LM Borehole_ Sedibeng Water)
951	Mpumalanga	Albert Luthuli LM	Elukwatini	952	North West	Dr Ruth Segomotsi District Municipality	Lothwanyeng (Greater Taung LM Boreholes_ Sedibeng Water)
953	Mpumalanga	Albert Luthuli LM	Empuluzi/Mayflower	954	North West	Dr Ruth Segomotsi District Municipality	Lotlhapong (Greater Taung LM Borehole_ Sedibeng Water)
955	Mpumalanga	Albert Luthuli LM	Fernie	956	North West	Dr Ruth Segomotsi District Municipality	Madipelesa (Greater Taung LM Boreholes_ Sedibeng Water)
957	Mpumalanga	Albert Luthuli LM	Rudimentary Boreholes	958	North West	Dr Ruth Segomotsi District Municipality	Mokasa 1 (Greater Taung LM Borehole_ Sedibeng Water)

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
959	Mpumalanga	Bushbuckridge LM	Bushbuckridge- Cork	960	North West	Dr Ruth Segomotsi District Municipality	Mokasa 2 (Greater Taung LM Borehole_ Sedibeng Water)
961	Mpumalanga	Bushbuckridge LM	Bushbuckridge- Dingleydale	962	North West	Dr Ruth Segomotsi District Municipality	Mokgareng (Greater Taung LM Borehole_ Sedibeng Water)
963	Mpumalanga	Bushbuckridge LM	Bushbuckridge Marite	964	North West	Dr Ruth Segomotsi District Municipality	Molelema (Greater Taung LM Boreholes_ Sedibeng Water)
965	Mpumalanga	Bushbuckridge LM	Bushbuckridge- Sigagule	966	North West	Dr Ruth Segomotsi District Municipality	Morokweng (Greater Taung LM Boreholes_ Sedibeng Water)
967	Mpumalanga	Bushbuckridge LM	Bushbuckridge- Thorndale	968	North West	Dr Ruth Segomotsi District Municipality	Tamasikwa (Greater Taung LM Borehole_ Sedibeng Water)
969	Mpumalanga	Bushbuckridge LM	Bushbuckridge- Zoeknag	970	North West	Dr Ruth Segomotsi District Municipality	Tlapeng 1&2 (Greater Taung LM Boreholes_ Sedibeng Water)
971	Mpumalanga	Bushbuckridge LM	BWB Edinburg B	972	North West	Dr Ruth Segomotsi District Municipality	Vaaltoin (Greater Taung LM Boreholes_ Sedibeng Water)
973	Mpumalanga	Bushbuckridge LM	Rand Water Mpumalanga Bushbuckridge - Acornhoek Supply System	974	North West	Kgetleng River Local Municipality	Derby B/H
975	Mpumalanga	Bushbuckridge LM	Rand Water Mpumalanga Bushbuckridge - Edinburg Supply System	976	North West	Kgetleng River Local Municipality	Koster

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
977	Mpumalanga	Bushbuckridge LM	Rand Water Mpumalanga Bushbuckridge - Thulamahashi Supply System	978	North West	Kgetleng River Local Municipality	Swartruggens
979	Mpumalanga	Dipaleseng LM	The Greater Dipaleseng Local Municipality	980	North West	Madibeng Local Municipality	Brits
981	Mpumalanga	Dr JS Moroka LM	Weltervreden	982	North West	Madibeng Local Municipality	Hartbeespoort
983	Mpumalanga	Emakhazeni LM	Belfast (Belfast Water Treatment Plant)	984	North West	Madibeng Local Municipality	Rand Water
985	Mpumalanga	Emakhazeni LM	Dullstroom (Dullstroom Water Treatment Plant)	986	North West	Maquassi Hills Local Municipality	Leeudoringstad-Witpoort System
987	Mpumalanga	Emakhazeni LM	Emgwenya (Waterval Boven Water Treatment Plant)	988	North West	Maquassi Hills Local Municipality	Tswellelang-Lebaleng System
989	Mpumalanga	Emakhazeni LM	Entokozweni (Machadodorp Water Treatment Plant)	990	North West	Maquassi Hills Local Municipality	Wolwaransstad Bore hole System
991	Mpumalanga	Emalahleni LM	Kendal	992	North West	Matlosana Local Municipality	City of Matlosana..
993	Mpumalanga	Emalahleni LM	Kriel/Ganala	994	North West	Moretele Local Municipality	Temba Treatment plant
995	Mpumalanga	Emalahleni LM	Rietspruit	996	North West	Moses Kotana Local Municipality	Madikwe water treatment plant
997	Mpumalanga	Emalahleni LM	Witbank	998	North West	Moses Kotana Local Municipality	Molatedi water treatment plant

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
999	Mpumalanga	Govan Mbeki LM	The Greater Govan Mbeki Local Municipality	1000	North West	Moses Kotana Local Municipality	Pella water treatment works
1001	Mpumalanga	Lekwa LM	Morgenzon WTW	1002	North West	Moses Kotana Local Municipality	Vaalkop water treatment plant
1003	Mpumalanga	Lekwa LM	Standerton WTW	1004	North West	Ngaka Modiri Molema District Municipality	Ditsobotla:Itsoeng B/H / Lichtenburg
1005	Mpumalanga	Mbombela LM	Elandshoek (Elandshoek Package Plant)	1006	North West	Ngaka Modiri Molema District Municipality	Mafikeng B/H + WTW: Combine in the system
1007	Mpumalanga	Mbombela LM	Hazyview (Hazyview TW)	1008	North West	Ngaka Modiri Molema District Municipality	Ramotshere Moiloa: Dinokana + Lehurutshe
1009	Mpumalanga	Mbombela LM	Karino (TW Sembcorp Silulumanzi)	1010	North West	Ngaka Modiri Molema District Municipality	Ramotshere Moiloa: Motswedi + Gopane
1011	Mpumalanga	Mbombela LM	Matsulu (Matsulu TW - Sembcorp Silulumanzi)	1012	North West	Ngaka Modiri Molema District Municipality	Ramotshere-Moiloa Great Marico Package Plant
1013	Mpumalanga	Mbombela LM	Nelspruit (Nelspruit Old & New TW - Sembcorp Silulumanzi)	1014	North West	Rustenburg Local Municipality	Marikana System
1015	Mpumalanga	Mbombela LM	Rand Water Mpumalaga Mbombela -Mjeane Supply System	1016	North West	Rustenburg Local Municipality	Rustenburg Boreholes System
1017	Mpumalanga	Mbombela LM	Rand Water Mpumalaga Mbombela -Kanyamazane Supply System	1018	North West	Rustenburg Local Municipality	Rustenburg Town System

No	Province	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
1019	Mpumalanga	Mbombela LM	Rand Water Mpumalanga Mbombela - Legogote Supply System	1020	North West	Rustenburg Local Municipality	Vaalkop System
1021	Mpumalanga	Mbombela LM	Rand Water Mpumalanga Mbombela- Nsikazi South Supply System	1022	North West	Tlokwe Local Municipality	Potchefstroom (Tlokwe WTW)
1023	Mpumalanga	Mbombela LM	Rand Water Mpumalanga Mbombela - Nyongane River Scheme	1024	North West	Ventersdorp Local Municipality	Boikhutso Village (Bore Hole Supply System)
1025	Mpumalanga	Mbombela LM	Rand Water Mpumalanga Mbombela-Dwaleni Supply System	1026	North West	Ventersdorp Local Municipality	Boikhutso village (Bore Hole Supply System)
1027	Mpumalanga	Mbombela LM	Rand Water Mpumalanga Mbombela - Mshadza Supply System	1028	North West	Ventersdorp Local Municipality	Gamogopa village (Bore Hole Supply System)
1029	Mpumalanga	Mbombela LM	Tekwane (Primkop TW - Sembcorp Silulumanzi)	1030	North West	Ventersdorp Local Municipality	Goedgevonden Village (Bore Hole Supply System)
1031	Mpumalanga	Mbombela LM	White River (White River TW)	1032	North West	Ventersdorp Local Municipality	Tsetse village (Bore Hole Supply System)
1033	Mpumalanga	Mbombela LM	White River Country Estates (White River CE TW)	1034	North West	Ventersdorp Local Municipality	Ventersdorp (Water Treatment Works Supply System)
1035	Mpumalanga	Mkhondo M	Amsterdam Water Supply System	1036	North West	Ventersdorp Local Municipality	Welgevonden village (Bore Hole Supply System)

PPI no 1.1.4: Number of water supply systems assessed for compliance with Blue Drop Regulatory standards

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
1	WC	Cederberg Local Municipality	Citrusdal	Q1	2	FS	Maluti a Phofung Local Municipality	Qwaqwa (Makwane WTW)	Q2
3	WC	Cederberg Local Municipality	Clanwilliam	Q1	4	FS	Maluti a Phofung Local Municipality	Harrismith (Wilge WTW)	Q2
5	WC	Cederberg Local Municipality	Elands Bay	Q1	6	FS	Maluti a Phofung Local Municipality	Qwaqwa (Fika - Patso WTW)	Q2
7	WC	Cederberg Local Municipality	Graafwater	Q1	8	FS	Mangaung Local Municipality	Thaba Nchu	Q3
9	WC	Cederberg Local Municipality	Lambert's Bay	Q1	10	FS	Mantsopa Local Municipality	Excelsior Water Supply System	Q3
11	WC	Cederberg Local Municipality	Leipoldtville	Q1	12	FS	Mantsopa Local Municipality	Thaba Phatchoa Water Supply System	Q3
13	WC	Hessequa Local Municipality	Riversdale	Q1	14	FS	Mantsopa Local Municipality	Tweespruit Water Supply System	Q3
15	WC	Hessequa Local Municipality	Slangrivier	Q1	16	FS	Nala Local Municipality	Balkfontein (Sedibeng Water)	Q3
17	WC	Hessequa Local Municipality	Still Bay	Q1	18	FS	Naledi Local Municipality	Dewetsdorp Supply System (Bloem Water)	Q3
19	WC	Hessequa Local Municipality	Albertinia	Q2	20	FS	Tswelopele Local Municipality	Bultfontein Supply Zone	Q3
21	WC	Hessequa Local Municipality	Garcia	Q2	22	FS	Tswelopele Local Municipality	Hoopstad Supply Zone	Q3
23	WC	Hessequa Local Municipality	Gouritsmond	Q2	24	KZN	Amajuba District municipality	Dannhauser LM - Dannhauser (Dannhauser TW) - uTW (WSP)	Q1
25	WC	Hessequa Local Municipality	Heidelberg	Q2	26	KZN	Amajuba District municipality	Dannhauser LM - Durnacol (Durnacol TW) - uTW (WSP)	Q1

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
27	WC	Hessequa Local Municipality	Jongensfontein	Q2	28	KZN	Amajuba District municipality	Utrecht LM - Waterval Prison (Ngagane TW) - uTW (WSP)	Q1
29	WC	Hessequa Local Municipality	Melkhoufontein	Q2	30	KZN	Amajuba District municipality	Utrecht LM- Utrecht (Utrecht TW) - uTW (WSP)	Q1
31	WC	Hessequa Local Municipality	Vermaaklikheid	Q2	32	KZN	iLembe District municipality	Hlanganani	Q1
33	WC	Hessequa Local Municipality	Witsand	Q2	34	KZN	iLembe District municipality	Hlimbithwa Water Scheme	Q2
35	WC	Laingsburg Local Municipality	Matjiesfontein	Q2	36	KZN	iLembe District municipality	Ifalethu	Q2
37	WC	Swellendam Local Municipality	Barrydale	Q3	38	KZN	iLembe District municipality	Makwanini	Q2
39	WC	Swellendam Local Municipality	Buffelsagrivier	Q3	40	KZN	iLembe District municipality	Mushane WTW	Q2
41	WC	Swellendam Local Municipality	Suurbraak	Q3	42	KZN	iLembe District municipality	Ohwebede	Q2
43	WC	Swellendam Local Municipality	Swellendam	Q3	44	KZN	Newcastle Local Municipality	Charlestown Water System (Pixle ka Sema TW)	Q2
45	WC	Matzikama Local Municipality	Klawer	Q4	46	KZN	Sisonke District municipality	Bulwer	Q2
47	WC	Matzikama Local Municipality	Lutzville	Q4	48	KZN	Sisonke District municipality	Esiqandulweni	Q2
49	WC	Oudtshoorn Local Municipality	De Rust	Q4	50	KZN	Sisonke District municipality	Nokweja	Q2
51	WC	Oudtshoorn Local Municipality	Klein Karoo Water Supply Scheme	Q4	52	KZN	Ugu District municipality	Boreholes	Q2
53	WC	Oudtshoorn Local Municipality	Oudtshoorn	Q4	54	KZN	UMgungundlovu District municipality	Appelsbosch	Q2

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
55	WC	Prince Albert Local Municipality	Klaarstroom	Q4	56	KZN	UMgungundlovu District municipality	Boreholes (Untreated)	Q2
57	WC	Stellenbosch Local Municipality	Franschhoek	Q4	58	KZN	UMgungundlovu District municipality	Embuthweni	Q2
59	EC	Amatole District municipality	Ngqanda Borehole Water Supply	Q1	60	KZN	UMgungundlovu District municipality	Gomane Boreholes	Q2
61	EC	Amatole District municipality	Nkonkobe LM - Fort Beaufort WTW	Q1	62	KZN	UMgungundlovu District municipality	Impendle Spring	Q2
63	EC	Amatole District municipality	Peddie Network Supply	Q1	64	KZN	UMgungundlovu District municipality	Lidgetton West	Q2
65	EC	Amatole District municipality	Upper Mnyameni Network Supply	Q1	66	KZN	UMgungundlovu District municipality	Makeni	Q2
67	EC	Baviaans Local Municipality	Miller	Q1	68	KZN	UMgungundlovu District municipality	Mpofana	Q2
69	EC	Baviaans Local Municipality	Vondeling	Q1	70	KZN	UMgungundlovu District municipality	Mtluwa	Q2
71	EC	Buffalo City Local Municipality	Peddie Supply Scheme	Q2	72	KZN	UMgungundlovu District municipality	Ntlanzi	Q2
73	EC	Chris Hani District municipality	Intsika Yethu (untreated)	Q2	74	KZN	UMgungundlovu District municipality	Nzinga	Q2
75	EC	Chris Hani District municipality	Tsolwana: Ntabathemba supply system	Q2	76	KZN	UMgungundlovu District municipality	Richmond	Q2
77	EC	Ikwezi Local Municipality	Jansenville	Q2	78	KZN	UMgungundlovu District municipality	Rosetta	Q2
79	EC	Ikwezi Local Municipality	Klipplaat	Q2	80	KZN	UMgungundlovu District municipality	Springs (Untreated)	Q2
81	EC	Ikwezi Local Municipality	Wolwefontein	Q2	82	KZN	UMgungundlovu District municipality	Umgeni Bulk Supply	Q2

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
83	EC	Joe Gqabi District municipality	Elundini LM - Ugjie Rural (Boreholes & Springs)	Q2	84	KZN	Umkhanyakude District municipality	Borehole Clusters	Q3
85	EC	Joe Gqabi District municipality	Elundini LM -Mount Fletcher Rural (Boreholes & Springs)	Q2	86	KZN	Umkhanyakude District municipality	Hluhluwe Phase2	Q3
87	EC	Joe Gqabi District municipality	Gariep LM - Oviston (Oviston WTP)	Q3	88	KZN	Umkhanyakude District municipality	Ingwavuma	Q3
89	EC	Joe Gqabi District municipality	Senqu LM -Rossouw (Boreholes)	Q3	90	KZN	Umkhanyakude District municipality	Malobeni	Q3
91	EC	Kouga Local Municipality	Oyster Bay	Q3	92	KZN	Umkhanyakude District municipality	Manguzi	Q3
93	EC	Kou-Kamma Local Municipality	Blilikiesdorp	Q3	94	KZN	Umkhanyakude District municipality	Mkuze	Q3
95	EC	Kou-Kamma Local Municipality	Clarkson	Q3	96	KZN	Umkhanyakude District municipality	Mpembeni	Q3
97	EC	Kou-Kamma Local Municipality	Coldstream	Q3	98	KZN	Umkhanyakude District municipality	Mseleni	Q3
99	EC	Kou-Kamma Local Municipality	Krakeel	Q3	100	KZN	Umkhanyakude District municipality	Nqutu LM - Qudeni WTW	Q3
101	EC	Sunday's River Valley Local Municipality	Louterwater	Q4	102	KZN	Uthukela District municipality	Imbabazane - Loskop (rural scheme)	Q3
103	NC	IKaili Garib Local Municipality	Alheit	Q1	104	KZN	Uthukela District municipality	Indaka - Ekuvukeni Township and surrounding Rural areas	Q3
105	NC	IKaili Garib Local Municipality	Aughrabies	Q1	106	KZN	Uthukela District municipality	Indaka - Tugela Estates	Q3
107	NC	IKaili Garib Local Municipality	Cillie	Q1	108	KZN	Uthukela District municipality	Okhahlamba - Langkloof	Q4

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
109	NC	IKail Garib Local Municipality	Currieskamp	Q1	110	KZN	Zululand District municipality	Coronation	Q4
111	NC	IKail Garib Local Municipality	Kakamas Bulk Water	Q1	112	KZN	Zululand District municipality	Hlobane	Q4
113	NC	IKail Garib Local Municipality	Keimoes Bulk Water	Q1	114	KZN	Zululand District municipality	Louwsberg	Q4
115	NC	IKail Garib Local Municipality	Lennertsville	Q1	116	KZN	Zululand District municipality	Masokaneni	Q4
117	NC	IKail Garib Local Municipality	Lutzburg	Q1	118	KZN	Zululand District municipality	Mpungamhlope	Q4
119	NC	IKail Garib Local Municipality	Marchand	Q1	120	KZN	Zululand District municipality	Sidinsi	Q4
121	NC	IKail Garib Local Municipality	Riemvasmaak - Sending	Q1	122	KZN	Zululand District municipality	Tholakele	Q4
123	NC	IKail Garib Local Municipality	Riemvasmaak - Vredesvallei	Q2	124	NW	Dr. Ruth S Mompoti District Municipality	Draaihoek (Greater Taung LM Borehole - Sedibeng Water)	Q1
125	NC	IKail Garib Local Municipality	Soverby	Q2	126	NW	Dr. Ruth S Mompoti District Municipality	Kagisano-Molopo LM, Kagisano (Boreholes - Botshelo Water)	Q1
127	NC	Dikgatlong Local Municipality	Barkley West	Q2	128	NW	Dr. Ruth S Mompoti District Municipality	Kagisano-Molopo LM, Molopo (Boreholes - Botshelo Water)	Q1
129	NC	Dikgatlong Local Municipality	Blikfontein (Borehole)	Q2	130	NW	Dr. Ruth S Mompoti District Municipality	Lekwa Teemane LM - Christiana (Lekwa Teemane LM)	Q1
131	NC	Dikgatlong Local Municipality	Boetsap SAP (Borehole)	Q2	132	NW	Dr. Ruth S Mompoti District Municipality	Lekwa-Teemane LM - Bloemhof	Q1
133	NC	Dikgatlong Local Municipality	Delpotshoop and Longlands (Sedibeng Water)	Q2	134	NW	Dr. Ruth S Mompoti District Municipality	Mamusa LM (Boreholes, Reservoirs - Mamusa Im)	Q2

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
135	NC	Dikgatlong Local Municipality	Eierfontein (Borehole)	Q2	136	NW	Dr. Ruth S Mompoti District Municipality	Naledi LM (Boreholes/ Reservoirs - Naledi LM)	Q2
137	NC	Dikgatlong Local Municipality	Gong-Gong (Borehole)	Q2	138	NW	Dr. Ruth S Mompoti District Municipality	Ntshwanahatshe (Greater Taung LM Boreholes_ Sedibeng Water)	Q2
139	NC	Dikgatlong Local Municipality	Holpan (Borehole)	Q2	140	NW	Dr. Ruth S Mompoti District Municipality	Takapori (Greater Taung LM Borehole_ Sedibeng Water)	Q2
141	NC	Dikgatlong Local Municipality	Kalkfontein (Borehole)	Q2	142	NW	Moses Kotane Local Municipality	Madikwe water treatment plant	Q2
143	NC	Dikgatlong Local Municipality	Koopmansfontein	Q2	144	NW	Moses Kotane Local Municipality	Vaalkop water treatment plant	Q2
145	NC	Dikgatlong Local Municipality	Longlands Clinic (Borehole)	Q2	146	NW	Rustenburg Local Municipality	Rustenburg Boreholes System	Q2
147	NC	Dikgatlong Local Municipality	Priel (Borehole)	Q2	148	NW	Ventersdorp Local Municipality	Boikhutso Village (Bore Hole Supply System)	Q2
149	NC	Dikgatlong Local Municipality	Priel Estate (Borehole)	Q2	150	NW	Moses Kotane Local Municipality	Molatedi water treatment plant	Q3
151	NC	Dikgatlong Local Municipality	Spitskop (Borehole)	Q2	152	NW	Moses Kotane Local Municipality	Pella water treatment works	Q3
153	NC	Dikgatlong Local Municipality	Stillwater	Q2	154	MP	Dipaleseng Local Municipality	The Greater Dipaleseng Local Municipality	Q1
155	NC	Dikgatlong Local Municipality	Ulco (Mine)	Q3	156	MP	Mkhondo Local Municipality	Amsterdam Water Supply System	Q1
157	NC	Dikgatlong Local Municipality	Windsorton	Q3	158	MP	Mkhondo Local Municipality	Driefontein Water Supply System	Q1
159	NC	Gamagara Local Municipality	Dibeng (boreholes)	Q3	160	MP	Mkhondo Local Municipality	Piet Retief Water Supply System	Q1

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
161	NC	Gamagara Local Municipality	Dingleton (Vaal Gamagara bulk supply pipeline & Dingleton WTW)	Q3	162	MP	Mkhondo Local Municipality	Rural Water Supply System	Q1
163	NC	Gamagara Local Municipality	Kathu (kathu WTW, Boreholes, Vaalgamagara Bulk Supply)	Q3	164	MP	Mkhondo Local Municipality	The Greater Mkhondo Local Municipality	Q2
165	NC	Gamagara Local Municipality	Olifantshoek (Vaal gamagara Bulk Supply Pipeline)	Q3	166	MP	Nkomazi Local Municipality	Driekoppies/ Shoemansdal/ Buffelspruit/ Shongwe WSS	Q2
167	NC	Ga-Segonyana Local Municipality	Bankhara-Bodulong (Managed by Ga-Segonyana LM)	Q3	168	MP	Nkomazi Local Municipality	Fig Tree/ Masibekele WSS	Q2
169	NC	Ga-Segonyana Local Municipality	Kuruman-Wrenchville (Managed by Ga-Segonyana LM)	Q3	170	MP	Nkomazi Local Municipality	Hectorspruit WSS	Q2
171	NC	Ga-Segonyana Local Municipality	Lokaleng (GLM Boreholes_Sedibeng Water)	Q3	172	MP	Nkomazi Local Municipality	Komatipoort WSS	Q2
173	NC	Joe Morolong Local Municipality	Bothetheletsa Groundwater Management Area: D41L-M2	Q3	174	MP	Nkomazi Local Municipality	Langeloo WSS	Q2
175	NC	Joe Morolong Local Municipality	Bothithong Groundwater Management Area: D41G-04	Q3	176	MP	Nkomazi Local Municipality	Low Creek WSS	Q2
177	NC	Joe Morolong Local Municipality	Churchill Groundwater Management Area: D41L-M10	Q3	178	MP	Nkomazi Local Municipality	Madadeni WSS	Q2

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
179	NC	Joe Morolong Local Municipality	Laxey Groundwater Management Area D41G-05	Q3	180	MP	Umjindi Local Municipality	Engwenyameni (Klipfontein)	Q2
181	NC	Joe Morolong Local Municipality	Maipeng Groundwater Management Area D41L-K9	Q3	182	MP	Umjindi Local Municipality	Kwaggafontein System	Q2
183	NC	Joe Morolong Local Municipality	Manyeding A Groundwater Management Area: D41L-M5	Q3	184	MP	Umjindi Local Municipality	Kwamhlanga	Q2
185	NC	Joe Morolong Local Municipality	Misgund	Q4	186	MP	Umjindi Local Municipality	Langkloof	Q2
187	NC	Joe Morolong Local Municipality	Sanddrif	Q4	188	MP	Umjindi Local Municipality	Moloto	Q2
189	NC	Joe Morolong Local Municipality	Addo Supply	Q4	190	MP	Umjindi Local Municipality	Thembaletu	Q2
191	NC	Kamiesberg Local Municipality	Enon Supply	Q4	192	MP	Umjindi Local Municipality	Emjindini Trust water supply scheme (Boreholes)	Q2
193	NC	Kareeberg Local Municipality	Glennconner	Q4	194	MP	Umjindi Local Municipality	Rimer's water treatment works / Barberton water scheme	Q2
195	NC	Kareeberg Local Municipality	Kirkwood	Q4	196	MP	Nkomazi Local Municipality	Magudu WSS	Q2
197	NC	Kareeberg Local Municipality	Paterson	Q4	198	MP	Nkomazi Local Municipality	Malalane WSS	Q2
199	NC	Kgatelopele Local Municipality	Tsineng Groundwater Management Area: D41L-M11	Q4	200	MP	Nkomazi Local Municipality	Marloth Park WSS	Q2
201	NC	Magareng Local Municipality	Van Zylsrus (Boreholes)	Q4	202	MP	Nkomazi Local Municipality	Mbuzini WSS	Q2

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
203	NC	Magareng Local Municipality	Ward 1 Heuningvlei Area	Q4	204	MP	Nkomazi Local Municipality	Naas/Block C WSS	Q2
205	NC	Magareng Local Municipality	Garies	Q4	206	MP	Nkomazi Local Municipality	Nkomazi Rudimentary Boreholes	Q2
207	NC	Magareng Local Municipality	Carnarvon	Q4	208	MP	Nkomazi Local Municipality	Ntunda WSS	Q2
209	NC	Nama Khoi Local Municipality	Vanwyksvlei	Q4	210	MP	Nkomazi Local Municipality	Nyathi WSS	Q2
211	NC	Richtersveld Local Municipality	Vosburg	Q4	212	MP	Nkomazi Local Municipality	Sibange WSS	Q2
213	NC	Richtersveld Local Municipality	Idwala (Boreholes)	Q4	214	NW	Ventersdorp Local Municipality	Boikhutong village (Bore Hole Supply System)	Q4
215	NC	Richtersveld Local Municipality	Majeng Water Tank (Private)	Q4	216	NW	Ventersdorp Local Municipality	Gamogopa village (Bore Hole Supply System)	Q4
217	NC	Richtersveld Local Municipality	Malekos Farm (Private)	Q4	218	NW	Ventersdorp Local Municipality	Goedgevonden Village (Bore Hole Supply System)	Q4
219	NC	Umsobomvu Local Municipality	Nazareth House (Private)	Q4	220	NW	Ventersdorp Local Municipality	Tsetse village (Bore Hole Supply System)	Q4
221	NC	Umsobomvu Local Municipality	Warrenton	Q4	222	NW	Ventersdorp Local Municipality	Ventersdorp (Water Treatment Works Supply System)	Q4
223	NC	Umsobomvu Local Municipality	Buffelsrivier	Q4	224	NW	Ventersdorp Local Municipality	Welgevonden village (Bore Hole Supply System)	Q4
225	NC	Umsobomvu Local Municipality	Eksteenfontein	Q4	226	NW	Ventersdorp Local Municipality	Tonga WSS	Q4

No	Prov.	Water service authority	Name of supply system	Targeted period	No	Prov.	Water service authority	Name of supply system	Targeted period
227	NC	Umsobomvu Local Municipality	Lekkersing	Q4	228	NW	Ventersdorp Local Municipality	Machipe (Goederede)	Q4
229	NC	Umsobomvu Local Municipality	Port Nolloth / Alexander Baai (Alexcor & 8 Myl)	Q4	230	LP	Greater Sekhukhune District Municipality	Mapodile p. station	Q1
231	NC	Umsobomvu Local Municipality	Sanddrift	Q4	232	LP	Greater Sekhukhune District Municipality	Marishane Water Supply System	Q1
233	NC	Umsobomvu Local Municipality	Norvalspont (TW)	Q4	234	LP	Greater Sekhukhune District Municipality	Moroke Borehole	Q1
235	NC	Umsobomvu Local Municipality	Noupoort (boreholes)	Q4	236	LP	Greater Sekhukhune District Municipality	Moutse Water Supply System	Q1
237	NC	Dihlabeng Local Municipality	Clarens Water Supply System	Q1	238	LP	Greater Sekhukhune District Municipality	Ngwaabe Supply System	Q1
239	FS	Dihlabeng Local Municipality	Rosendal Water Supply System	Q1	240	LP	Greater Sekhukhune District Municipality	Vergelegen Water Supply System	Q3
241	FS	Letsemeng Local Municipality	Jacobsdal WTW	Q1	242	LP	Lephalale Local Municipality	Mokuruanyane Regional Water Supply Scheme	Q3
243	FS	Letsemeng Local Municipality	Koffiefontein	Q1	244	LP	Mopani District municipality	Semarele	Q3
245	FS	Letsemeng Local Municipality	Luckhoff	Q1	246	LP	Mopani District municipality	The Greater Mopani District municipality	Q3
247	FS	Letsemeng Local Municipality	Oppermangronde	Q2	248	LP	Vhembe District municipality	Elim Water System	Q4
249	FS	Letsemeng Local Municipality	Petrusburg	Q2	250	LP	Vhembe District municipality	Kutama Sinthumule Water System	Q4

PPI No 1.1.5: Number of dams evaluated for compliance with dam safety regulations by Approved Professional Persons (APPs)

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
1	A211/52	Klipfontein No1 Reservoir	LP	Rand Water	249	G104/AK	Voorberg-Wjm Dam	WC	Department Of Public Works
2	A211/54	Centurion Silt Dam	LP	Tshwane Metropolitan Municipality	250	G104/AP	Boplaas Dam	WC	Bono Farm Management Rietkloof
3	A211/57	Eskom Convention Centre Dam	LP	Eskom: Infrastructure Design	251	G104/AZ	Sig Dam	WC	Morester Boerdery
4	A212/41	Emmarentia Dam	GP	Johannesburg Metropolitan Municipality	252	G104/BG	Perskeboord Dam	WC	Department Of Public Works
5	A212/46	Westdene Dam	GP	Johannesburg Metropolitan Municipality	253	G104/BT	Platkloof Dam	WC	Tqweede Stuiwe Plase (Edms) Bpk.
6	A212/61	Leeukop-Korf Dam	GP	Department Of Public Works	254	G104/BX	Dasboschkloof Dam	WC	Basson J.W.
7	A212/62	Leeukop-Skilpad Dam	GP	Department Of Public Works	255	G104/BY	Platkloof Dam	WC	Bono Holdings Rietkloof (Pty) Ltd
8	A213/52	Hippo Dam	GP	Letamo Game Farm (Pty) Ltd.	256	G104/CD	Groot	WC	Morgan Creek Properties 374 (Pty) Ltd
9	A215/47	Middelkraal Dam	NW	Dept. Of Water & Sanitation	257	G202/66	Goedgedacht No. 1- Dam	WC	Goedgedacht Trust
10	A216/46	Crocodile River Mine Return Water Dam	NW	Eastplats Crocodile River Barplats Mines Ltd	258	G202/73	Weltevreden-Groot Dam	WC	
11	A220/02	Olifantsnek Dam	NW	Olifantsnek Irrigation Board	259	G202/84	Bordeaux Dam	WC	Christo Dreyer Trust
12	A220/09	Swaruggens Dam	NW	Kgetleng Rivier Local Municipality	260	G202/87	Kromrivier Dam	WC	Bestbier T.

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
13	A223/51	Prison Dam	NW	Rustenburg Local Municipality	261	G202/89	Mollenbergkloof Dam	WC	Pick A Gro (Pty) Ltd
14	A224/28	Lengua Dam (Previously Bakubung Dam)	NW	Dept. Environmental Affairs	262	G202/93	Moreson Dam	WC	Kotze Steyn Family Trust
15	A224/30	Sun City Dam	NW	Sun International	263	G202/94	Weltevreden Dam	WC	L'ormarins (Pty) Ltd
16	A230/06	Bischoffs Dam	NW	Warmbad Irrigation Board	264	G202/AA	Jenifer Dam	WC	Anura Wine Yards
17	A230/08	Bon Accord Dam	GP	Bon Accord Irrigation Board	265	G202/AB	Wynkeldershoek Nr2 Dam	WC	Stedma Beleggings (Pty) Ltd
18	A231/34	Primula Flood Structure	GP	Tshwane Metropolitan Municipality	266	G202/AE	Marchese Dam	WC	Manetrade 132 (Pty) Ltd.
19	A231/35	Premier Mine No.7 Slimes Dam	GP	Cullinan Diamond Mine (Pty) Ltd	267	G202/AW	Bergsig Dam (Previously Joostenbergvlakte)	WC	Buhr E.W.H
20	A231/47	General Louis Botha Drive Flood Attenuation Structure	GP	Tshwane Metropolitan Municipality	268	G202/AX	Roodiraai	WC	Roodiraai Trust
21	A231/48	Bronberge Reservoir	GP	Rand Water	269	G203/73	Erf 20635 Belville Ds Dam (Same As G203/77?)	WC	Senqu Local Municipality (Lady Grey)
22	A231/50	Devillebois Vloed Struktuur	GP	Tshwane Metropolitan Municipality	270	G204/70	Simonsig Big Dam	WC	Simonsig Estate
23	A232/35	Hartebeesthoek Reservoir	NW	Rand Water	271	G204/74	Helderberg-Kloof Dam	WC	Lombardi G.

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
24	A233/31	Bospoort Dam	NW	Intaba Indie Home Owners Association	272	G204/89	Weltevrede Dam	WC	Esterhuysen J.L.
25	A233/34	Buffelspruit Dam	NW	A & A Visagie Family Trust	273	G204/90	Nooitgedacht-Grootvlei Dam	WC	De Wet J.P.
26	A234/28	Nooitgedacht Dam	NW	Dept. Of Water & Sanitation	274	G204/AC	Neethlingshof Dam	WC	Lusan Premium Wines (Pty) Ltd
27	A245/01	Amandelbult Tailings Return Water Dam	NW	Rustenburg Platinum Mines Ltd	275	G204/AX	Zevenfontein Groot Dam	WC	Zevenwacht Wynlandgoed
28	A300/03	Klein Maricopoort Dam	NW	Dept. Of Water & Sanitation	276	G204/BA	Dennebos Dam	WC	Dept. Of Agriculture
29	A301/18	Rietvallei Dam	NW	Rocher W.D.F.	277	G204/BC	Wemmershoek Dam	WC	Cape Viticultural Holdings (Pty) Ltd
30	A302/17	Roodesboot Dam	NW	Scheepers J.J.	278	G204/BO	Langverwacht Bottom Dam	WC	Northern Farming (Pty) Ltd
31	A304/22	Bloemfontein Dam (Was A303/17)	NW	Scheepers L.S.	279	G204/BT	Thelema Dam	WC	Thelema Mountain Vineyards (Pty) Ltd
32	A401/07	Motlobo Dam	LP	Moses Kotane Municipality	280	G204/BV	Welgevallen Dam	WC	Universiteit Van Stellenbosch
33	A402/42	Rietpoort Dam	LP	The Manager	281	G204/BZ	Die Kom Dam	WC	Heins R.B.
34	A402/50	Inelkander Dam	LP	Zijlgr	282	G204/CD	Quoin Rock Dam A	WC	Quoin Rock Winery (Pty) Ltd.
35	A601/22	Suid-Holland Dam	LP	Niemand C.J.	283	G205/67	Knorhoek Dam	WC	Knorhoek Property Owners Association
36	A602/54	Rietfontein Dam 7	LP	Sediba Safaris (Pty) Ltd	284	G301/13	Wagenboomsrivier-Onder Dam	WC	Bergrivier Local Municipality
37	A703/30	Waterpoort Dam	LP	Bertie Van Zyl (Edms) Bpk	285	G301/36	Kromantonie Nr2 Dam	WC	Riviera Boerdery (Pty) Ltd

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
38	A901/42	Damani Dam	LP	Dept. Of Water & Sanitation	286	G400/19	Saddle Dam	WC	Twaalfontein Farms (Pty) Ltd.
39	A901/56	Modderivlei N02 Dam (Bush)	LP	Agricultural And Rural Development Corp.	287	G400/31	Twaalfontein Dam	WC	Twaalfontein Landgoed (Pty) Ltd
40	A901/58	Modderivlei Nr3 Dam(Mac)	LP	Agricultural And Rural Development Corp.	288	G400/36	Skaapkraal Dam	WC	Evans D.C
41	A901/59	Modderivlei No1 Dam(Salani)	LP	Agricultural And Rural Development Corp.	289	G401/61	Helderfontein Small Dam	WC	Drumearn (Pty) Ltd
42	A901/65	Vis Dam No 2	LP	Bergheim Estates (Pty) Ltd.	290	G401/76	Kromriverdam	WC	Kromvlei Farms (Pty) Ltd
43	B101/84	Isibonela Attenuation	MP	Anglo Coal	291	G401/81	Appelthwaite Lake	WC	Appelthwaite Farm (Pty) Ltd
44	B102/58	Dam N0.5	MP	South32 Coal Holdings (Pty) Ltd	292	G401/83	Pickstone Dam	WC	De Rust Family Trust
45	B103/29	Kromdraai Dam	MP	Weber A.	293	G401/89	Beukesdal Dam	WC	Cheable M.A
46	B103/33	Hendrina Powerstation Raw Water Terminal Reservoirsno.1& 2	MP	Eskom	294	G401/95	Groenrug Dam	WC	De Rust Family Trust
47	B103/36	Hendrina-Dorps Dam	MP	Steve Tshwete Local Municipality	295	G401/AE	Jakkalsrivier Dam	WC	De Rust Family Trust
48	B103/68	Coastal Coal	MP	Optimum Colliery	296	G401/AI	Grand Canyon Dam	WC	Copestone Developers (Pty) Ltd
49	B201/38	Goedgedacht Dam	MP	Francois Hoffman Boerdery	297	G401/AN	Olifantsvlei Dam	WC	De Rust Familie Trust

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
50	B202/33	Kusile P.S. Raw Water Reservoir	MP	Eskom Holdings	298	G402/52	Eerstehoop-Wit Dam	WC	P.P Mong Trust
51	B320/03	Roodepoort Dam	MP	Selons River Irrigation Board	299	G402/54	Waboomskloof Dam	WC	Nuta Landgoed (Pty) Ltd.
52	B321/43	S-Dam	MP	Schoeman Boerdery (Pty) Ltd	300	G402/62	Klei Dam	WC	Francois J.P. Lotter Trust
53	B321/44	Winkel Dam	MP	Schoeman Boerdery (Pty) Ltd	301	G402/70	Twaalfontein Top Dam	WC	Twaalfontein Farms (Pty) Ltd
54	B323/16	Funda-Mlimi Middle Dam (Gemsbokfontein No.1)	MP	Khayalethu Masakhisane Farming S. B. Project	302	G402/74	Maremmana Dam Previously Botrivier Dam	WC	Maremmana Home Owners Association
55	B400/26	De Hoop Dam	MP	Dept. Of Water & Sanitation	303	G402/77	Highlands/Iona Dam	WC	Gt Ferreira & 1st David Road (PTY) LTD.
56	B401/44	Belfast Dam	MP	Nkangala District Municipality	304	G404/62	New Dam (Was Waboomsrivier Top Dam)	WC	Theron E.P.
57	B402/39	Tweefontein Mine Return Water Dam	MP	Tweefontein Chrome Mine	305	G501/15	Klein-Sanddrif	WC	Cape Agulhas Local Municipality (Bredasdorp)
58	B402/45	Helena Return Water Dam A	MP	Anglo Platinum Ltd	306	G501/26	Uintjieskuil Dam	WC	Albertyn J.W.A.
59	B403/39	Bendu Dam	MP	Havenga D.	307	H100/19	Paardekloof-Wit Dam	WC	Du Toit Agri (Pty) Ltd
60	B501/11	Flag Boshielo - Was Arabie Dam	MP	Dept. Of Water & Sanitation	308	H101/64	Bos Dam	WC	Zz2 Farms
61	B800/17	Dap Naude Dam	LP	Polokwane Local Municipality	309	H101/70	Rookloof Dam	WC	Rookloof Irrigation Board

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
62	B800/19	Duivelskloof Dam	LP	Greater Letaba Municipality	310	H101/74	De Liefde Dam	WC	P.J. Vijioen Farming Trust
63	B801/74	Fish Eagle Dam	LP	Murlebrook Estates (Pty) Ltd	311	H101/77	Rooiwal Dam	WC	Prins L.A.
64	B801/82	Thabina Dam	LP	Dept. Of Water & Sanitation	312	H101/87	Buchuland Upper Dam	WC	Buchuland Farm (Pty) Ltd
65	B801/AH	Malole Dam	LP	Matume Estate Cc	313	H101/88	Buchuland Middle Dam	WC	Buchuland Farm (Pty) Ltd
66	B801/AP	Bo Cramer Dam	LP	African Reality Trust	314	H101/91	Bordeaux Dam	WC	Sunkist Orchards
67	B801/AQ	Tubb'shill-Bottom Dam	LP	Bjb Estates	315	H101/93	Hartebeestvalley Dubbel Dam	WC	Paardekloof Landgoed (Pty) Ltd
68	B801/DY	Tubb's Hill Top Dam	LP	Bjb Estates	316	H101/95	Hartebeestvalley Fish Dam	WC	Paardekloof Landgoed (Pty) Ltd.
69	B802/45	Leeudraai Dam	LP	Pieter Duvenhage Trust	317	H101/96	Wakkerstroom-Geel Dam	WC	Paardekloof Landgoed (Pty) Ltd.
70	B901/03	Silwerwis Dam	LP	San Parks	318	H101/97	Witsand Dam (Same As Groot Dam H101/Cp)	WC	Conradie F.D.
71	B901/06	Shingwidzi Dam	LP	Agricultural & Rural Development Corp	319	H101/AD	Waaihoek Dam	WC	Botha D.S.
72	B902/09	Makuleke Dam	LP	Limpopo Department Of Agriculture	320	H101/AE	Loxtonia Bo-Dam	WC	Warmbokveld Plase (T/A)
73	C110/13	Bethal Dam	GP	Govan Mbeki Local Municipality	321	H101/AT	Meul Dam	WC	Ouplaas Trust
74	C110/16	Willem Brummer Dam	GP	Msukaligwa Local Municipality	322	H101/BD	Romans River Dam	WC	Roman Trust

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
75	C111/58	Goedehoop Dam	GP	Van Der Merwe S.F.	323	H101/BS	Vadersgawe Dam	WC	El Cuesta Farming
76	C112/56	Rooijian Dam	GP	Grey J.P	324	H101/BT	Romansrivier Dam	WC	Graaff Fruit (Pty) Ltd
77	C114/02	Grootdraai Dam	GP	Dept. Of Water & Sanitation	325	H101/CS	Kliprivier Dam	WC	Kliprivier Small Farmers Trust
78	C114/49	Kromdraai Dam	GP	Tonkin T.D.	326	H101/CU	Normandie 2	WC	Du TOIT J.
79	C120/01	Vaal Dam	GP	Dept. Of Water & Sanitation	327	H200/47	Waltham Dam	WC	Letabakop Pese (Pty) Ltd.
80	C122/37	Rusticana Dam	GP	Andre Tonkin Family Trust	328	H200/49	De Vlakte No.2-Dam	WC	Basie Geldenhuys Trust
81	C122/39	Rusticana Dam 2	GP	Andre Tonkin Family Trust	329	H300/21	Uitkykdam	WC	Ashton Canning Co (Pty) Ltd.
82	C123/42	Grootvlei 453 Dam	GP	J.J Jordaen Familie	330	H300/22	Bergplaas Big Dam	WC	Esterhuysen J.J.
83	C132/13	Kleinfontein 357 Dam	GP	Saayman Family Trust	331	H300/24	Valletjies Dam	WC	Johan Rossouw Trust
84	C133/12	Vrede/Thembalihle Dam	GP	Phumelela Local Municipality	332	H300/26	Riethoek-Groot Dam	WC	Johan Rossouw Trust
85	C211/27	Rietspruit Dam 1	GP	Botha J.H.	333	H300/42	Goedemoed No.2-Dam	WC	Jp De Villiers
86	C211/28	Rietspruit Dam 2	GP	Botha J.H.	334	H400/02	Keerom Dam	WC	Nuy Irrigation Board
87	C212/21	Rietfontein Westelike Vloedvertrags Dam	GP	Department Of Transport	335	H401/60	Memel-Huis Dam	WC	Memel Farming Trust
88	C212/22	Rietfontein Oostelike Vloedvertrags Dam	GP	Department Of Transport	336	H401/61	Wilgerboom Dam	WC	Memel Farming Trust
89	C212/57	North Ridge Reservoir	GP	Rand Water	337	H401/64	Voorregsvlei Dam	WC	Naude P.W.

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
90	C212/60	Brakpan No3 Reservoir	GP	Rand Water	338	H401/68	Kalkbank Dam	WC	Willow Creek Boerdery
91	C212/64	Hofontein Cell 7	GP	EnviroServ Waste Management Pty Ltd	339	H401/71	Moordkuilsdrif	WC	Van Der Merwe A.
92	C221/51	Germiston Reservoir	GP	Rand Water	340	H402/45	Dasbos Dam	WC	Theron C.J
93	C221/52	Klipriviersberg No 1 Reservoir	GP	Rand Water	341	H402/46	Zevenberg Dam	WC	Bruwer L.
94	C221/53	Klipriviersberg No 2 Reservoir	GP	Rand Water	342	H402/62	Eureka	WC	Gerdie Hugo & Seuns Farming
95	C221/55	Forest Hill No 2 Reservoir	GP	Rand Water	343	H402/63	Eureka No .2 Dam	WC	Gerdie Hugo & Seuns Farming
96	C222/36	Doompoort Return Water	GP	South Deep Gold Mine	344	H402/66	Mcgregor-Nuwe Dam No.1	WC	Breede River Wineland Local Municipality (Ashton)
97	C223/43	Sasolburg Reservoir	GP	Rand Water	345	H402/79	Brandvlei-Wit Dam	WC	Department Of Public Works
98	C230/04	Boskop Dam	GP	Dept. Of Water & Sanitation	346	H402/99	Klipdrift (Modderriver) Dam	WC	Department Of Public Works
99	C231/42	Donaldson Dam	GP	West Rand District Municipality	347	H402/AG	Boskloof Dam	WC	Isabeau Trust
100	C231/77	Libanon No 3 Reservoir	GP	Rand Water	348	H402/AL	Gat	WC	Ungerer Trust
101	C231/80	Adma Dam	GP	Wonderfontein Trust	349	H402/AQ	Gannakloof Dam	WC	Gannakloof Farming (Pty) Ltd
102	C232/51	Deelkraal Dam	GP	Deelkraal Gold Mining Co Ltd.	350	H402/AT	Bo-Dam	WC	Main Chance Farm (Pty) Ltd
103	C232/53	Leeudoorn Return Water Dam	GP	Kloof Gold Mine Co. Ltd.	351	H500/09	Waterval-Groot Dam	WC	Oopsee Trust

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
104	C241/17	Buffelsfontein Evaporation Dam	FS	Buffelsfontein Gold Mine Co Ltd	352	H500/12	Goudmyn Zuidr-Groot	WC	Zeeman E.
105	C241/37	(Chemwes) Kareerand Tailings Dam	FS	Anglogold Ashanti Ltd	353	H600/53	Meerlustkloof Dam	WC	Agrisouth Orchards Sa (Pty) Ltd.
106	C242/48	West Complex Storm Water Dam	FS	Anglo Gold Ashanti Ltd	354	H600/63	Helderstroom-Donkerhoek Dam	WC	Department Of Public Works
107	C242/52	Ratzegaai Dam	FS	Koize A.G.C.	355	H600/65	Waterkloof No.2 Dam	WC	Vyebosch Plase (Pty) Ltd
108	C301/23	Taung Dam	NW	Dept. Of Water & Sanitation	356	H600/79	Longdown Dam	WC	Longdown Fruit (Pty) Ltd.
109	C301/31	Hoffontein Dam	NW	Laas & Seun Landgoed Cc	357	H700/89	Sika Hoof Dam	WC	Ay Investment 408 (Pty) Ltd
110	C400/08	Mushroom Valley Dam	FS	Mushroom Valley (Pty) Ltd	358	H800/03	Duivenhoks Dam	WC	Dept. Of Water & Sanitation
111	C401/34	Barolong Dam	FS	Thabo Thabo Trust	359	J112/10	Damfontein Dam		Best Practice Investments Cc.
112	C401/36	Eden Dam	FS	Henning R.	360	J112/18	Dam-Met-Eiland No.1	WC	Johannes Gerhardus Nel Familie Trust
113	C402/37	Wolwas Dam Nr. 1	FS	Masilonyana Local Municipality	361	J121/14	Karrona-Boonste Dam	WC	W.P. Viljoen Familie Trust
114	C402/43	Wolwas Nr.2	FS	Masilonyana Local Municipality	362	J121/21	Aartappel Dam	WC	W.P. Viljoen Familie Trust
115	C402/44	Sparta Dam	FS	Sparta Beef Cattle Feeders	363	J210/02	Stolsrivier Dam	WC	Lomina 18 (Pty) Ltd
116	C402/48	Dresden Dam	FS	Higgo K.	364	J230/01	Oukloof Dam	WC	Dept. Of Water & Sanitation
117	C403/35	De Put Grond Dam	FS	Setso Local Municipality	365	J232/08	Angeliërsbosch Dam	WC	Angeliërsbosch Farming (Pty) Ltd.

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
118	C403/36	De Put Keerwal	FS	Sesotho Local Municipality	366	J240/03	Rietkloof Dam	WC	Botes S.F.
119	C403/45	Petra Dam	FS	Wjw	367	J251/66	Rooi Dam	WC	Balmoral Boerdery (Pty) Ltd
120	C404/80	Freegold New Return Water Dam	FS	Free State Consolidated Gold Mines (Pty) Ltd	368	J251/68	Boonste Dam	WC	Balmoral Farming (Pty) Ltd
121	C404/AV	Riebeeckstad Reservoir 1	FS	Sedibeng Water	369	J252/11	Rooikloof Dam	WC	Fourie J.S.N.
122	C404/AW	Riebeeckstad Reservoir 2	FS	Sedibeng Water	370	J331/41	Hooggenoeg-Ou Dam	WC	Le Roux C.J.
123	C404/BC	Eendoorn Dam	FS	Jp Verster Saadproduseerders	371	J331/42	Standbeeld-Se-Dam	WC	Le Roux C.J.
124	C405/36	Cronjespruit Dam 1	FS	Cronco Trust	372	J332/11	Klaarstroom Dam	WC	Frans G. Steenkamp Trust
125	C405/37	Abrahams Hof Dam	FS	Steyn J.F.A.	373	J332/13	Begraafplaas Dam	WC	Jannie Maree Trust
126	C405/38	Palmietfontein Dam	FS	Grobelaar T.A.	374	J333/18	Voelgesang-Bo Dam	WC	Pieter Schoeman Trust
127	C510/09	Fouriespruit Dam	FS	Free State Provincial Government	375	J333/19	Voelgesang-Kloof-Onder Dam	WC	Pieter Schoeman Trust
128	C514/36	Hk Balancing Dam	FS	Dept. Of Water & Sanitation	376	J333/22	Vergelegen Dam	WC	Du Plessis J.S.
129	C520/02	Krugersdrift	FS	Dept. Of Water & Sanitation	377	J333/23	Still Dam (Originally Called De Rust Dam)	WC	De Rusticana Estates (Pty) Ltd
130	C520/08	Mazelspoort	FS	Mangaung Local Municipality	378	J340/12	Breevlei No.1-Dam	WC	Southern Fruit Farms (Pty) Ltd
131	C521/37	Goedgenoeg Dam	FS	Weyers L.B.	379	J340/13	Lentelus No.3-Dam	WC	Southern Fruit Farms (Pty) Ltd

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
132	C522/31	Quin-Se-Dam	FS	Quin Bros Cc	380	K300/33	Lakeview Dam	WC	Louw Steytler Family Trust
133	C600/06	Strydom Dam	FS	Moghaka Local Municipality	381	K300/41	Hentie Henning	WC	Hentie Henning Trust
134	C600/15	Serfontein Dam	FS	Moghaka Local Municipality	382	K300/44	Patrick Rawlings Dam	WC	Atkinson Survey & Design
135	C601/01	Bloemhoek Dam	FS	Moghaka Local Municipality	383	K700/02	Buffelsrivier Dam 1	WC	Nb Farms (Pty) Ltd.
136	C601/29	Taaibosdal Dam	FS	Mienie N.	384	K700/03	Buffelsrivier Dam	WC	Nb Farms (Pty) Ltd.
137	C602/22	Rietfontein	FS	Kleynhans T.P	385	K700/04	Buffelsrivier Dam 3	WC	Nb Farms (Pty) Ltd
138	C700/06	Uniefees (Langdam)	FS	Ngwathe Local Municipality	386	K800/01	Landman Dam	EC	Tsitsikamma Development Trust
139	C702/18	Vliegenkraal Dam	FS	Steenkamp D.C.	387	K800/13	Dennegeur Dam (Also Fingo Ground Dam See K800/09)	EC	Tsitsikamma Development Trust
140	C801/10	Sterkfontein	GP	Dept. Of Water & Sanitation	388	K800/19	Lieu Amor Dam	EC	Tsitsikamma Development Trust
141	C804/38	Emden Dam	GP	Muller I.S.	389	K800/59	Fingo Dam No.4 (Previously Nuwevlei Dam K800/40)	EC	Tsitsikamma Development Trust
142	C804/46	Morgenzon Dam	GP	Muller I.S.	390	K800/60	Fingo Dam No.6 (Previously Ben Dam K800/38)	EC	Tsitsikamma Development Trust
143	C805/44	Middelpunt Dam	GP	Nketoana Local Municipality	391	K800/69	Kromhout Dam	EC	Kromhout Trust

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
144	C805/61	Miemiesrust Dam	GP	Farrell P.J. & J.D.	392	K800/81	Langfontein Dam 2	EC	Rosenhof Trust
145	C805/62	Boston A Dam	GP	Farrell P.J.	393	K901/78	Holding Reservoir	EC	Lex Gutsche Inv Trust
146	C900/07	Bloemhof Dam	NC	Dept. Of Water & Sanitation	394	L112/03	The Vale Dam	EC	Vivier G.J.
147	D132/13	Holspruit Dam	FS	Birch D.V.	395	L221/02	Kruidfontein No.3 Dam	EC	Herholdt M.J.
148	D132/29	Oorlogspoort Dam (Same As D132/11 Amersham Dam)	FS	Oelofse Farming (Pty) Ltd	396	L600/01	Klipfontein Dam	EC	Ikwezi Local Municipality
149	D140/04	Molteno Dam	FS	Chris Hani District Municipality	397	L700/41	Wolwefontein Dam	EC	Ouplaaspoort Trust
150	D142/21	Harmsfontein Dam	FS	Van Rijnswijk A.A.	398	L820/01	Kouga Dam (Paul Sauer Dam)	EC	Dept. Of Water & Sanitation
151	D142/23	Klipfontein	FS	Wonderkhoek Farms (Pty) Ltd.	399	L820/54	Jaydee Dam	EC	T.E. Honiball Family Trust
152	D142/25	Oudeklip-Modderfontein Dam	FS	Gerber Trust	400	L820/98	Black Ginger Dam	EC	Black Ginger 144 (Pty) Ltd
153	D142/26	Krompoort Dam	FS	La Grange P.J.	401	M100/07	Rietfontein Dam (Previously: Wally Holmes)	EC	Harbron A.M.
154	D142/28	Plat Dam	FS	Van Wyk C.F.	402	M100/11	Steyn's Dam	EC	Steyn H.S.
155	D142/44	Kraaifontein Dam	FS	De Klerk P.B	403	N110/01	Bloemhof	EC	Murray Bloemhof (Pty) Ltd
156	D200/10	Tweespruit Dam	FS	Unicom High School	404	N140/18	De Hoop	EC	Harris G
157	D201/44	Verdun Dam	FS	Pellet Trust	405	P102/14	Table Hill Big Dam	EC	Table Hill Trust

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
158	D201/51	Meuspruit	FS	Setoto Local Municipality	406	P300/14	Le Grange Dam	EC	Scheepers B.S.
159	D202/54	Moperi Dam	FS	Setoto Local Municipality	407	P400/04	Rossllyn Dam	EC	Eco Planet Bambo S.A
160	D204/48	Donkerpoort Scheme Dam	FS	Van Der Merwe G.A.	408	P400/05	Kenkele Dam	EC	Eco Planet Bambo S.A
161	D204/62	Sterkwater	FS	Van Rijswijk J.H.	409	P400/06	Pinedale Dam	EC	Eco Planet Bambo S.A
162	D310/02	Hartebeestfontein Dam	FS	Dept. Of Water & Sanitation	410	P400/24	Golden Ridge Dam	EC	Ndlambe Local Municipality
163	D310/12	Knapsak Dam	FS	John Kolver Tust	411	P400/25	Belmont Dam 1 (Was Fairvyle P400-02)	EC	Vroom G.P.
164	D330/27	Petrusville Dam	FS	Pixley Ka Seme District Municipality	412	Q130/01	Grassridge Dam	EC	Dept. Of Water & Sanitation
165	D342/12	Rietfontein Dam	FS	Gary Player Stud Farm	413	Q921/12	Drieshof Dam	EC	Van Der Walt S.J.
166	D350/21	Viljoens Dam	FS	Kopanong Local Municipality	414	R102/02	Dimbaza Dam - Ciskei	EC	Dept. Of Water & Sanitation
167	D350/32	Eselzhoek Dam	FS	Marx F.E.	415	R201/25	Rookrans Dam-Ciskei	EC	Dept. Of Water & Sanitation
168	D410/02	Disaneng Dam Dam	NW	Dept. Of Water & Sanitation	416	R202/18	Mdantsane Wwtw Effluent Dam 3	EC	Buffalo City Local Municipality
169	D411/26	Lotlamoreng Dam	NW	Dept. Of Water & Sanitation	417	R302/22	Tanga Dam	EC	Tanga Valley Trust
170	D540/09	Masolkakop Dam	NC	Kareeberg Local Municipality	418	S300/06	Waterdown Dam	EC	Dept. Of Water & Sanitation
171	D540/10	Jaskloof-Sedam	NC	Mans J.B.C.	419	S302/33	Glenbrook Dam	EC	Dept. Of Water & Sanitation

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
172	D550/03	Loxton Dam	NC	Ubuntu Local Municipality	420	S302/49	Pensula Farm Dam	EC	Number Two Piggeries (Pty) Ltd
173	D551/13	Helpmekeer Dam	NC	Cloete H.C.	421	S600/05	Wriggleswade Dam	EC	Dept. Of Water & Sanitation
174	D600/02	Aspeling Dam	NC	Smart Irrigation Board	422	S702/08	Gcuwa Dam	EC	Dept. Of Water & Sanitation
175	D603/15	Wortelfontein Dam	NC	Venter J.C.	423	T300/04	Mountain Dam	EC	Alfred Nzo District Municipality (Mount Ayliff)
176	E100/26	Trap Se Dam	WC	Ceres Fonteintjie Boerdery Cc	424	T301/24	Ugie Dam	EC	Elundini Local Municipality (Maclear)
177	E100/72	Driefontein Dam	WC	A.J. Van Zyl Trust	425	T302/59	Cengane Dam	EC	Water & Sanitation
178	E100/AA	Olyvenboschkraal Dam	WC	Middelduin (Pty) Ltd	426	T304/26	Welbedacht Dam	EC	De Bruyn T.B.
179	E100/AR	Middelduin Dam	WC	Middelduin (Pty) Ltd	427	T304/70	Mountain Lake Dam	EC	Alfred Nzo District Municipality (Mount Ayliff)
180	E100/BA	Bokant Huis Dam	WC	A.J. Van Zyl Trust	428	T305/30	Roodeberg Dam	EC	Osborn M.
181	E100/BD	Vaalwater Dam	WC	De Vlei Trust	429	T305/36	Stryd-Kop Dam	EC	Walker R.A.
182	E200/12	Zeekoegat-Nuwe Dam	WC	Moneyflow Six (Pty) Ltd	430	T402/09	Brairglenddam	KZN	Roseland Sugar Estate (Pty) Ltd.
183	E201/38	Brakfontein Weir (Elandsvlei Dam)	WC	Van Der Merwe C.J.	431	T402/10	Roselandsdam	KZN	Elliot Family Trust
184	E201/83	Uitkyk-Groot Dam	WC	Tierberg Plase (Pty) Ltd.	432	T501/24	Goxhill Dam	KZN	Goxhill (Pty) Ltd.
185	E201/87	Weltevrede-Groot No.1-Dam	WC	Arborlane Farming (Pty) Ltd	433	T501/37	Dartford Dam	KZN	Fraser Trust

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
186	E201/88	Weltevrede-Groot No.3-Dam	WC	Arborlane Farming (Pty) Ltd	434	T501/44	Castleburn Dam	KZN	Barnett D.S.
187	E201/89	Weltevrede-Groot No9-Dam	WC	Arborlane Farming (Pty) Ltd	435	T501/53	Scottston Dam	KZN	Scottston Family Trust
188	E201/90	Weltevrede-Boonste Dam	WC	Arborlane Farming (Pty) Ltd	436	T501/73	Goxhill Dam 2	KZN	Pholela Irrigation Board
189	E201/91	Weltevrede-Perdekloof Dam	WC	Arborlane Farming (Pty) Ltd	437	T502/21	Traveller's Rest Dam	KZN	Hardman N.J.
190	E201/92	Weltevrede-Sekretaris Dam	WC	Arborlane Farming (Pty) Ltd	438	T502/23	Amanzimnyama Dam	KZN	Ugu District Municipality
191	E201/99	Morester-Heiveld Dam	WC	Mhb Trust	439	T902/23	Nqadu Dam (Willowvale)	EC	Amathole District Municipality
192	E201/AC	Disakloof (Formerly Wydekloofkaffersdal-dam)	WC	Vredelust Trust	440	U100/14	Max Lake	KZN	Emerald Dale Farms (Pty) Ltd
193	E201/AI	Sandfontein No.1-Dam	WC	Harlekyn Properties (Pty) Ltd.	441	U100/67	Donegal Dam	KZN	Mzalanyoni Irrigation Board
194	E201/AK	Lang No.2-Dam	WC	Land Bank	442	U100/71	Springbrook Dam	KZN	Strachan B.D.
195	E201/AN	Die Kloof Nuwe No.1 Dam	WC	Driefontein Farming Trust	443	U201/45	Brookdales Dam	KZN	Stewart R.K.
196	E201/CO	Swart Dam	WC	Hennie Herbst Trust	444	U201/86	Elderslie Dam No 14886	KZN	Douglas D.S.
197	E201/DB	Diep Dam	WC	Geldenhuys M.L.	445	U201/91	Chiltern Dam	KZN	Taylor M.J.O.
198	E201/DI	Jakkalsfontein Dam	WC	Laastedrif Trust	446	U201/BB	Syndicate Dam	KZN	Inhluzani Fishing Syndicate

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
199	E201/DV	Middel Dam	WC	Boschplaats Beneficial Insectary (Pty) Ltd	447	U203/56	Tedder No2 Dam	KZN	Goodall Family Trust
200	E304/12	Melkboom Dam	WC	Van Zyl Botha A.E.	448	U302/15	Claremont Farm Dam	KZN	Royal Palm Estates
201	G100/27	Mountain Dam	WC	Starke E.W.	449	U401/34	Erica Dam	KZN	Argyle Poultry Farms
202	G100/29	Hermitage Dam(Previously Moutons Valley Dam)	WC	Starke E.W.	450	U402/10	Plaas Dam	KZN	Amangcolosi Community Trust
203	G101/97	Nieuwedorp Dam	WC	Boschendal (Pty) Ltd	451	U402/13	Hartebeesfontein Dam	KZN	E.F.G. Meyer Family Trust
204	G101/AD	Dundarach Main Dam	WC	Dundarach Poultry Farm	452	U403/12	Essery	KZN	Essery Sugar Company (Pty) Ltd
205	G101/AG	La Valle Dam	WC	Cape Olive Trust	453	U500/01	Newsoundela Dam (Nonoti)	KZN	National Department Of Agriculture
206	G101/AN	Calais Dam	WC	Tmms Landgoed (Pty) Ltd.	454	V101/61	Kopanong Dam	KZN	Nondela Drakensberg Mt. Estate (Pty) Ltd
207	G101/AS	Rachelsfontein Big Dam	WC	Jenita Landgoed (Pty) Ltd.	455	V103/07	Qedusizi Dam	KZN	Dept. Of Water & Sanitation
208	G101/AZ	Beaucoup-L'eau Dam	WC	Beau Comp L'eau (Pty) Ltd.	456	V105/35	Drakensberg Sun Dam	KZN	Tsogo Sun (Pty) Ltd.
209	G101/BI	Allendale Plaas Dam	WC	Department Of Public Works	457	V201/36	Castle Howard Dam 1	KZN	Dwaleni Property Trust
210	G101/BL	Hoenderhok Dam	WC	Backsberg Trust	458	V201/55	Springvale Bottom Dam	KZN	Springvale Farm Trust
211	G101/BR	Simonsberg Dam H	WC	Simonsvlei Estate (Pty) Ltd	459	V201/58	Littlefalls Dam	KZN	Emanuel G.L.

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
212	G101/BT	Stellengift Dam C	WC	Simonsvlei Estate (Pty) Ltd	460	V201/AD	Berning Dam	KZN	Springvale Farm Trust
213	G101/BV	Salomonsvlei	WC	Malan D.J.	461	V201/AO	Spring Grove	KZN	Dept. Of Water & Sanitation
214	G101/BW	Dal Weiding Stormwater Control Dam	WC	Drakenstein Local Municipality	462	V301/30	Mahawane Dam	KZN	Pixley Ka Seme Local Municipality
215	G101/CH	Maritz Dam	WC	Hugo D.A.	463	V301/33	Torrington 7386 Dam No.1 (Same As B193/2/V301/52?)	KZN	Collyer K. Family Trust
216	G101/DE	Donkerhoek Dam	WC	Donkerhoek Fruit Syndicate (Pty) Ltd	464	V301/34	Van Der Westhuizen Dam	KZN	Collyer K. Family Trust
217	G101/DG	Roelanda Dam	WC	Robinson Daniel Farms (Pty) Ltd	465	V301/94	White House Dam	KZN	Taag Trust Trustees
218	G101/DL	Top Dam (Was Backsberg Nr5 Dam)	WC	Backsberg Trust	466	V301/AA	Mrs Sampson Dam	KZN	Uys J.S.
219	G101/DY	Smit Groot Dam	WC	Hf Smit Boerdery	467	V302/43	Ellies Glen Dam	KZN	Durowyn Trust
220	G101/EA	Adrem Dam	WC	Adrem Trust	468	V302/56	Mrs Theron Dam	KZN	Theron S.S.
221	G101/EB	St Loucia Dam	WC	D. Grobbelaar Trust	469	V303/36	Grootspuit Dam Owned By Pr Steenkamp	KZN	Steenkamp P.R.
222	G101/ED	Rooiheuvel Dam	WC	Rooiheuveltrust	470	V701/20	Lake Murray	KZN	The Dalton Trust
223	G101/EQ	Bottom	WC	Letuche Farming (Pty) Ltd.	471	W110/21	Ashill	KZN	Athol Property Inv. (Pty) Ltd.
224	G101/ES	Middle	WC	Letuche Farming (Pty) Ltd.	472	W121/44	Melmoth Off-Channel Storage	KZN	Mthonjaneni Local Municipality

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
225	G101/EY	Klein Normandie Dam	WC	Applemint Properties 99	473	W121/45	Bedhlane	KZN	Fowler Farming Trust
226	G101/EZ	Vergesicht Dam	WC	Mouton Gj	474	W121/47	Wallenton	KZN	Forum S.A Trading 306 (Pty) Ltd
227	G101/FA	De Hoop Dam	WC	J.A Cliff (Pty) Ltd	475	W122/07	Lake Mzingazi	KZN	Umhlathuze Local Municipality
228	G102/87	Roodezands Dam	WC	Lombard Family Trust	476	W122/16	Lake Nhlabane	KZN	Richards Bay Minerals
229	G102/89	Grootskuur Dam	WC	Sneeusig (Pty) Ltd.	477	W221/11	Sankunzi Dam	KZN	Mununzvu Newco (Sapekoe)
230	G102/91	Blou Am	WC	Brink T.A.	478	W300/05	Vaalbank Dam	KZN	Zululand District Municipality
231	G102/95	Vlei Dam	WC	Loubser C.P.	479	W301/21	Boulder Dam (Coronation)	KZN	Abaqulusi Municipality
232	G102/AD	Modderasvlei-Huis Dam	WC	Malan G.	480	W301/31	Uitschot Dam 6	KZN	Dept. Rural Development & Land Reform
233	G102/AE	Diepkloof Dam	WC	Hauptfleisch A.C.	481	W303/20	Mzinene Dam	KZN	Onsgroei Boerdery (Pty) Ltd
234	G102/AU	Allesverloren-Boonste Dam	WC	Malan G.	482	W410/07	Mooihoek Dam	KZN	Blase E.B.
235	G102/AV	Allesverloren Groot Dam	WC	J.G. Van Reenen Malan	483	W421/08	'E Dumbe Dam	KZN	Edumbe Local Municipality
236	G102/BB	Steinthal Klipfontein Dam	WC	Sinode Van Die Verenigde Gereformeerde Kerk S.A	484	W430/01	Nduma Dam	KZN	Department Of Agriculture
237	G102/BC	De Hof Dam	WC	Du Toit P.S.	485	W440/01	Pongolapoort Dam	KZN	Dept. Of Water & Sanitation
238	G102/BX	Rijk's Dam No 3	WC	Packaging Services T/A Rijks (Pty) Ltd	486	X103/67	Dawn View Dam	MP	The Umhlathuze Valley Sugar Company Ltd.

No	Dam number	Name of dam	Prov	Name of owner	No	Dam number	Name of dam	Prov	Name of owner
239	G102/BY	Rijk's Dam No 4	WC	Packaging Services T/A Rijks (Pty) Ltd	487	X200/64	My Own	MP	Mr. ROGER DUFFIELD
240	G103/06	Januarieskraal Dam	WC	Le Roux F.	488	X201/89	River Dam	MP	Assmang Chrome
241	G104/93	Langberg Main Dam	WC	Whitfield R.R.	489	X202/84	Somerset Dam	MP	Somkor Boerdery (Pty) Ltd.
242	G104/94	Moutons Valley Upper Mountain Dam	WC	Moutons Valley Estate (Pty) Ltd	490	X205/73	Maroela Dam	MP	Mjeiane Trust
243	G104/97	Diepkloof Rooiklip	WC	Afrilex (Pty) Ltd	491	X205/92	Lochmseleni Dam	MP	Karino Farms (Pty) Ltd
244	G104/98	Achtersvlei-Sement Dam	WC	A.J.F. Eigelaar Sons (Pty) Ltd.	492	X205/AA	Newu Dam	MP	Sanparks
245	G104/AB	Tierkloofno.2-Dam	WC	Greiff Boerdery (Pty) Ltd	493	X205/AM	Exotica	MP	Freitas Family Trust
246	G104/AE	Voorstevlei-Groot No.3-Dam	WC	Greiff Farming (Pty) Ltd.	494	X301/96	Lake Panic 2 Dam	MP	Kruger National Park
247	G104/AF	Vark Dam	WC	Kotze J.C	495	X301/AO	Bongani Dam	MP	Mpumalanga Provincial Government
248	G104/AI	Voorberg-Bronberg Dam	WC	Department Of Public Works	496	X302/32	Acornhoek	MP	Dept. Of Water & Sanitation

PPI No 1.1.6: Number of water users monitored for compliance

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
FORESTRY WATER USERS						
1	Pongola-Mzimkulu	Slabbert MJ	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q1
2	Pongola-Mzimkulu	Bracken Forestry (Pty) Ltd: Ptn 2, Maresdal	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
3	Pongola-Mzimkulu	Bracken Forestry (Pty) Ltd: Ptn 3, Maresdal	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
4	Pongola-Mzimkulu	Bracken Forestry (Pty) Ltd: Remainder, Maresdal PtnA	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
5	Pongola-Mzimkulu	Bracken Forestry (Pty) Ltd: Ptn 0 Geluk	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
6	Pongola-Mzimkulu	Mthethwa-Mhlana tribal Authority	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q4
7	Pongola-Mzimkulu	Sappi Saiccor (Pty) Ltd		Pongola-Mzimkulu	Dir: Regulation KZN	Q2
8	Pongola-Mzimkulu	Tongatt Hullels		Pongola-Mzimkulu	Dir: Regulation KZN	Q3
9	Mzimvubu-Tsitsikamma	Goeie Hoop Farming Pty Ltd: Weatherstone farm	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
10	Mzimvubu-Tsitsikamma	Goeie Hoop Farming Pty Ltd: Balmoral farm	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
11	Mzimvubu-Tsitsikamma	Goeie Hoop Farming Pty Ltd: Vidy farm	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
12	Mzimvubu-Tsitsikamma	Goeie Hoop Farming Pty Ltd: Langwies farm	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
13	Mzimvubu-Tsitsikamma	Nyeswa Forest Project	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
14	Mzimvubu-Tsitsikamma	Likhetlane Community		Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
15	Mzimvubu-Tsitsikamma	Qhobosheaneng Community	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
16	Limpopo	Muofhe T.S	Audit	Limpopo		Q1
17	Limpopo	Khakhu A.S	Audit	Limpopo		Q2
18	Limpopo	Masikhwa N.M	Audit	Limpopo		Q3
19	Limpopo	Thagwana R.S	Audit	Limpopo		Q4
20	Olifants	Impact Piet Retief		Olifants	Dir: Regulation Mpumalanga	Q3
AGRICULTURAL WATER USERS						
Irrigation water users						
21	Orange	Mr Jan Augustinus vd Merwe	Audit	Orange	Dir: Regulation Free-State	Q1
22	Orange	Pierre Ferreira Trust	Audit	Orange	Dir: Regulation Free-State	Q1
23	Orange	Osborne Boerdery (Pty) Ltd	Audit	Orange	Dir: Regulation Free-State	Q2
24	Orange	Danrika Boerdery (Pty) Ltd	Audit	Orange	Dir: Regulation Free-State	Q2
25	Orange	Connie Cloetsee Familie	Inspection	Orange	Dir: Regulation Free-State	Q3
26	Orange	Burger Du Plessis Family Trust	Audit	Orange	Dir: Regulation Northern Cape	Q3
27	Orange	Mrs DJE Burger	Audit	Orange	Dir: Regulation Northern Cape	Q4
28	Orange	WEJ Boerdery cc	Audit	Orange	Dir: Regulation Northern Cape	Q3
29	Orange	Eldoreen Plase Truse	Audit	Orange	Dir: Regulation Northern Cape	Q4

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
30	Orange	Ms M du Preez	Audit	Orange	Dir: Regulation Northern Cape	Q4
31	Orange	CF Louw Nuwejaarskraal Testamentary Trust	Audit	Orange	Dir: Regulation Northern Cape	Q4
32	Orange	Tshepiso Farms (Pty) Ltd	Inspection	Orange	Dir: Regulation Northern Cape	Q3
33	Berg-Olifants	Imonetix Acorn Creek Development		Berg-Olifants	Dir: Regulation WC	Q1
34	Berg-Olifants	Little River Trading		Berg-Olifants	Dir: Regulation WC	Q2
35	Berg-Olifants	Spier Home farm		Berg-Olifants	Dir: Regulation WC	Q3
36	Berg-Olifants	Leef op Hoop farm		Berg-Olifants	Dir: Regulation WC	Q4
37	Mzimvubu-Tsitsikamma	Hillview Farm Control	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
38	Mzimvubu-Tsitsikamma	AM van Schoor Trust	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q4
39	Mzimvubu-Tsitsikamma	Valley Trust	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
40	Mzimvubu-Tsitsikamma	Frans Meg Gerber Family Trust	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q4
41	Mzimvubu-Tsitsikamma	Pienaar Familie Trust	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
42	Mzimvubu-Tsitsikamma	SM Fegen	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
43	Vaal	Clisa 83 (Pty) Ltd	Audit	Vaal	Dir: Regulation Northern Cape	Q4
44	Vaal	VNB Boerdery (Pty) Ltd	Audit	Vaal	Dir: Regulation Northern Cape	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
45	Vaal	GM van Heerden	Audit	Vaal	Dir: Regulation Northern Cape	Q3
46	Vaal	Grootbosvoerkrale (Pty) Ltd	Audit	Vaal	Dir: Regulation Northern Cape	Q4
47	Vaal	Loomar Boerdery (Pty) Ltd	Audit	Vaal	Dir: Regulation Northern Cape	Q2
48	Vaal	Mrs C Kondos	Audit	Vaal	Dir: Regulation Northern Cape	Q3
49	Vaal	JP Van den Berg	Audit	Vaal	Dir: Regulation Northern Cape	Q4
50	Vaal	Zelvy 2102 (Pty) Ltd	Audit	Vaal	Dir: Regulation Gauteng	Q1
51	Vaal	Viakpan Trust	Audit	Vaal	Dir: Regulation Gauteng	Q3
52	Vaal	Black Mongrove Trading	Audit	Vaal	Dir: Regulation Gauteng	Q2
53	Vaal	Wilgepoort Boerdery Trust	Audit	Vaal	Dir: Regulation Gauteng	Q1
54	Olifants	Fetakgomo Farming co operation	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
55	Olifants	Gerrit Trust	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
56	Olifants	Moletele Communal property Association	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
57	Olifants	Moletele Communal property Association	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
58	Olifants	Kabakwe Estate 2 cc	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
59	Olifants	MBB Family Trust	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
60	Olifants	Oniek Trust	Audit	Olifants	Dir: Regulation Mpumalanga	Q3

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
61	Olifants	Ilangabi Investments 12 (Pty) Ltd – Brinkor Ltd	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
62	Olifants	Obekilifa Farming sand and training projects	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
63	Pongola-Mzimkulu	Mr RI Huley	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q1
64	Pongola-Mzimkulu	Bondesio Brand Kraal	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
65	Pongola-Mzimkulu	NP Blaker	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q4
66	Pongola-Mzimkulu	Bret Latimar Family Trust	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
67	Pongola-Mzimkulu	Indlovu Family cc	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
68	Pongola-Mzimkulu	Mr Lunga Mlungisi Ndwandwe	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
69	Pongola-Mzimkulu	Mjindi Farming	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q1
70	Pongola-Mzimkulu	Aldoplex Investment (Pty) Ltd Trading as Matombaza farm	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
71	Limpopo	ZZ2 Esmefour	Audit	Limpopo	Dir: Regulation Limpopo	Q1
72	Limpopo	ZZ2 Esmefour	Audit	Limpopo		Q1
73	Limpopo	Morane farms cc	Inspection	Limpopo	Dir: Regulation Limpopo	Q1
74	Limpopo	Tshikonela small farmer project	Inspection	Limpopo	Dir: Regulation Limpopo	Q4
75	Limpopo	Maswiri Boerdery (Various Properties)	Audit	Limpopo	Dir: Regulation Limpopo	Q2
76	Limpopo	Ba-Lephondo Agricultural Primary Co-operative Ltd	Inspection	Limpopo	Dir: Regulation Limpopo	Q2
77	Limpopo	Stilhoek Boerdery	Inspection	Limpopo	Dir: Regulation Limpopo	Q2
78	Limpopo	Mr PH Storm	Inspection	Limpopo	Dir: Regulation Limpopo	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
79	Limpopo	Versamel Boerdery	Inspection	Limpopo	Dir: Regulation Limpopo	Q3
80	Limpopo	Mr Nengovhela Thomani Simon	Inspection	Limpopo	Dir: Regulation Limpopo	Q1
81	Limpopo	Chatleka Communal Property Association	Inspection	Limpopo	Dir: Regulation Limpopo	Q3
82	Limpopo	Maasroom Eiendomme cc	Inspection	Limpopo	Dir: Regulation Limpopo	Q3
83	Limpopo	Golden Creek Investment	Audit	Limpopo	Dir: Regulation North-West	Q3
84	Limpopo	Imberbe (Pty) Ltd	Audit	Limpopo	Dir: Regulation North-West	Q2
85	Limpopo	Rindveldt Eiendomme	Audit	Limpopo	Dir: Regulation North-West	Q3
Agro-processing water users						
86	Mzimvubu-Tsitsikamma	Aalwynhoek Trust	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
87	Mzimvubu-Tsitsikamma	J Mcfarlane	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
88	Mzimvubu-Tsitsikamma	JGL Boerdery cc	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
89	Berg-Olifants	Groot Patrysvlei Boerdery	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q4
90	Berg-Olifants	Eikenhof Poultry Farm	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q4
91	Olifants	Silver Charm nvestments 14 (PTY) Ltd	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
92	Olifants	Finbond (PTY) Ltd	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4
93	Limpopo	Vusithemba Piggery	Inspection	Limpopo	Dir: Regulation Limpopo	Q3
94	Limpopo	Ibis piggery	Inspection	Limpopo	Dir: Regulation Limpopo	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
95	Limpopo	Cavan Ranching Limpopo CC	Inspection	Limpopo	Dir: Regulation Limpopo	Q1
96	Limpopo	Maremani nature Reserve	Audit	Limpopo	Dir: Regulation Limpopo	Q1
97	Limpopo	PS Le Roux	Inspection	Limpopo	Dir: Regulation Limpopo	Q1
98	Limpopo	TJ Munyai	Audit	Limpopo	Dir: Regulation Limpopo	Q1
99	Pongola-Mzimkulu	Autumn Star Trading 629 (PTY) Ltd	Inspection	Pongola-Mzimkulu	Dir: Regulation Limpopo	Q3
100	Pongola-Mzimkulu	Buffshel 15 Trust	Inspection	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
101	Orange	Trans hex mynbou	Audit	Orange	Dir: Regulation Northern Cape	Q2
102	Orange	Mr JM Fourie	Audit	Orange	Dir: Regulation Northern Cape	Q2
103	Orange	Die Nel Trust	Inspection	Orange	Dir: Regulation Northern Cape	Q2
104	Orange	AJJ Van Zyl		Orange	Dir: Regulation Northern Cape	Q2
105	Orange	Sparta Baby Beef	Audit	Orange	Dir: Regulation Free-State	Q4
106	Vaal	Burger Geldenhuys Trust	Inspection	Vaal	Dir: Regulation Free-State	Q2
107	Vaal	Cronje Broers Boer Trust	Inspection	Vaal	Dir: Regulation North-West	Q2
108	Vaal	PH Theron	Inspection	Vaal	Dir: Regulation Limpopo	Q2
109	Vaal	Saldolite (Pty) Ltd	Audit	Vaal	Dir: Regulation Guateng	Q4
110	Vaal	Porteville Olives	Audit	Vaal	Dir: Regulation Guateng	Q1
111	Vaal	Ceres Fruit	Audit	Vaal	Dir: Regulation Guateng	Q1
112	Vaal	Zandberg	Audit	Vaal	Dir: Regulation Guateng	Q1
113	Vaal	Chalala Farms	Audit	Vaal	Dir: Regulation Guateng	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
114	Vaal	Saamstaan Beleggings Trust	Audit	Vaal	Dir: Regulation Guateng	Q2
115	Vaal	Graaf Fruit	Audit	Vaal	Dir: Regulation Guateng	Q2
116	Vaal	Aqua Empower	Audit	Vaal	Dir: Regulation Guateng	Q2
117	Vaal	Noordhoek	Audit	Vaal	Dir: Regulation Guateng	Q2
118	Vaal	Amelia farms	Audit	Vaal	Dir: Regulation Guateng	Q3
119	Vaal	Atlantis Foundaries	Audit	Vaal	Dir: Regulation Guateng	Q3
120	Vaal	Bosman Adama	Audit	Vaal	Dir: Regulation Guateng	Q3
121	Vaal	Sparrenberg	Audit	Vaal	Dir: Regulation Guateng	Q3
122	Vaal	CACE farming	Audit	Vaal	Dir: Regulation Guateng	Q4
123	Vaal	Bokkeveld Kwekery	Audit	Vaal	Dir: Regulation Guateng	Q4
124	Vaal	Eikenhof Poultry farm	Audit	Vaal	Dir: Regulation Guateng	Q4
INDUSTRY WATER USERS						
125	Olifants	Hendrina Power Station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
126	Olifants	Arnot power station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
127	Olifants	Kusile Power Station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
128	Olifants	Tutuka power	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
129	Olifants	Matla Power Station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4
130	Olifants	Duvha Power Station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
131	Olifants	Komati Power Station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
132	Olifants	Kendal Power Station	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4
133	Olifants	Columbus Stainless(Pty)Ltd	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4
134	Olifants	Glencore Merate Venture Operations – Lydenburg Smelter	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
135	Vaal	Samancor	Inspection	Vaal	Dir: Regulation Gauteng	Q2
136	Vaal	Scaw Metals	Inspection	Vaal	Dir: Regulation Gauteng	Q3
137	Vaal	ZINCOR: Exxaro Base Metal (Pty)Ltd	Audit	Vaal	Dir: Regulation Gauteng	Q1
138	Limpopo	Tobivox (Pty) Ltd (Tom Burke Solar Park)	Inspection	Limpopo		Q3
139	Limpopo	Matimba power station	Audit	Limpopo		Q2
140	Limpopo	Medupi power station	Inspection	Limpopo		Q3
141	Limpopo	Polokwane Meturlical Complex	Inspection	Limpopo		Q4
142	Limpopo	AEIC	Inspection	Limpopo	Dir: Regulation North-West	Q4
143	Limpopo	Mine Omnia Fertilizer	Inspection	Limpopo	Dir: Regulation North-West	Q2
144	Limpopo	Dafne Energy Spitskop solar	Inspection	Limpopo	Dir: Regulation North-West	Q1
145	Pongola-Mzimkulu	Eskom-Ingula Pump Storage Scheme	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
146	Pongola-Mzimkulu	Mission Kwasizabantu: hrdroponic system	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
147	Pongola-Mzimkulu	Ekhamanzi Springs: Aquelle Bottling Plant	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
148	Mzimvubu-Tsitsikamma	Da Gama Textiles	Audit	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
149	Orange	Bellatrix Solar	Inspection	Orange	Dir: Regulation Northern Cape	Q1
150	Orange	Garob Wind Farm (Pty) Ltd	Audit	Orange	Dir: Regulation Northern Cape	Q2
151	Orange	DSP79 Solar Energy	Audit	Orange	Dir: Regulation Northern Cape	Q2
152	Orange	Kathu Solar Park Pty (Ltd): Kalahari Solar Power Phase 1	Audit	Orange	Dir: Regulation Northern Cape	Q1
153	Orange	ACWA Power Solar Reserve Redstone Solar Thermal Power	Audit	Orange	Dir: Regulation Northern Cape	Q4
154	Orange	Firefly Investments 230 (Pty) Ltd	Audit	Orange	Dir: Regulation Northern Cape	Q4
MINING WATER USERS						
155	Berg-Olifants	Lafarge – Peak Quarry	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q1
156	Berg-Olifants	Lafarge – Tygerberg Quarry	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q2
157	Berg-Olifants	PPC – De Hoek	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q3
158	Berg-Olifants	Cape Lime	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q4
159	Berg-Olifants	PPC- Rhiebeck West	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
160	Berg-Olifants	Afrisam South Africa (Pty) Ltd: Peninsula Quarry	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q3
161	Limpopo	Boikarabelo Coal Mine (Ledjadja Coal Mine)	Audit	Limpopo		Q2
162	Limpopo	Exxaro: Grootegeluk Coal Mine	Audit	Limpopo		Q3
163	Limpopo	Thaba Chueu Mining (Pty) Ltd	Audit	Limpopo		Q4
164	Limpopo	Exxaro Coal (Pty) Ltd: Thabametsi Coal mine	Audit	Limpopo		Q1
165	Limpopo	Tivani Mine (Pty) Ltd	Audit	Limpopo		Q2
166	Limpopo	Potgietersus Platinum Ltd Mine (Mogalakwena Mine)	Audit	Limpopo		Q4
167	Limpopo	DMI Minerals SA (Pty) Ltd- Krone Endora Dimond Mining Project	Audit	Limpopo		Q1
168	Limpopo	Venetia Mine (Diamond)	Audit	Limpopo		Q3
169	Limpopo	Vele Colliery (Coal)	Audit	Limpopo		Q3
170	Limpopo	Tshikondeni Coal Mine	Audit	Limpopo		Q1
171	Limpopo	Royal Bafokeng Resources (Pty) Ltd: Bafokeng Rasimone Platinum Mine	Audit	Limpopo	Dir: Regulation North-West	Q1
172	Limpopo	Thaba Chronimet Chrome Mine Open Cast	Audit	Limpopo	Dir: Regulation North-West	Q2
173	Limpopo	Thaba Chronimet Chrome Mine Underground section	Audit	Limpopo	Dir: Regulation North-West	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
174	Limpopo	Samancor Chrome Limited: Western Chrome Mines: Millsell and Waterkloof Sections	Audit	Limpopo	Dir: Regulation North-West	Q3
175	Limpopo	Henric Ferrochrome (Pty) Ltd: Maroelabult Sectio	Audit	Limpopo	Dir: Regulation North-West	Q4
176	Limpopo	Rustenburg Platinum Mines Limited- Amandelbult Section	Audit	Limpopo	Dir: Regulation North-West	Q4
177	Limpopo	Rustenburg Platinum Mines Union Section	Audit	Limpopo	Dir: Regulation North-West	Q4
178	Limpopo	Phoenix Platinum Mining (Pty) Ltd	Audit	Limpopo	Dir: Regulation North-West	Q3
179	Olifants	Eastern Chrome Mines Lannex Section	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
180	Olifants	Modikwa Platinum Mine	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
181	Olifants	Rhino Minerals(Pty)Ltd: Havercoft Andalusite Mine	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
182	Olifants	Glencore Xstrata Helena Section	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
183	Olifants	Glencore Xstrata Thorncliffe Section	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
184	Olifants	Glencore Xstrata Magareng Section	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
185	Olifants	Anglo Coal Greenside Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q1
186	Olifants	Samancor Eastern Chrome Mines(Steelpoort/ Doornbosch Section)	Audit	Olifants	Dir: Regulation Mpumalanga	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
187	Olifants	Muhanga Mines(Pty) Ltd:Goedehoop Mine	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
188	Olifants	Optimum Coal: Woestalleen Colliery	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
189	Olifants	Glencore Operations SA (Pty) Ltd: Oogies fontein Colliery	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
190	Olifants	Linarox (Pty) Ltd: Welstand Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
191	Olifants	Exxaro coal mpumalanga (pty) Ltd: North Block complex-Glisa coal	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
192	Olifants	Namane Anker Coal: Elandsfontein Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
193	Olifants	Anglo American Thermal Coal: Goedehoop Colliery (South)	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
194	Olifants	Analisa Mining and Industrial Services (Pty) Ltd: Lefa Coal Mine	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
195	Olifants	Bokoni Platinum Mine	Inspection	Olifants	Dir: Regulation Mpumalanga	Q1
196	Olifants	Eyethu coal (pty) Ltd:Leewuwoort colliery-T&DB SECTION	Inspection	Olifants	Dir: Regulation Mpumalanga	Q1
197	Olifants	Assmang Chrome Dwaarsrivier Mine	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
198	Olifants	Stuart Coal: East Block	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
199	Olifants	Northam Platinum Ltd – Booyseendal Mining	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
200	Olifants	Anglo Coal Inyosi: Kriel Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4
201	Olifants	HCI Khusela: Palesa	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
202	Olifants	BECSA: Khutala Colliery	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
203	Olifants	Palabora Copper Mine (Pty) Ltd	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
204	Olifants	Nungu Trading 341 (Pty) Ltd; Elandspruit Colliery	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
205	Olifants	Idwala Crypts (Pty) Ltd: Vierfontein Colliery	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
206	Olifants	Chromex Mining (Pty) Ltd: Mecklenburg Chrome Mine	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
207	Olifants	Anglo American Platinum: Rustenburg Platinum Mines Limited: Mototolo Joint Venture	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
208	Olifants	HCI Coal (Pty) Ltd: Nokuhle Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
209	Olifants	Vaalbult Mining Company (Pty) Ltd: Vaalbult Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q1
210	Olifants	BECSA: MMS Klipfontein Section	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
211	Olifants	Just Coal: Bankfontein Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
212	Olifants	BHP Billiton: Klipspruit Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q4
213	Olifants	Delmas Coal: Kuyasa Coal	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
214	Olifants	African Exploration: Viakfontein Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q1
215	Olifants	Phokathaba platinum mine	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
216	Olifants	Kendal Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q2
217	Olifants	Hlagisa Mining: Wildfontein Colliery	Inspection	Olifants	Dir: Regulation Mpumalanga	Q3
218	Olifants	Anglo American: Twickenham Platinum Mine	Inspection	Olifants	Dir: Regulation Mpumalanga	Q1
219	Pongola-Mzimkulu	Tendele Coal Mining (Pty) Ltd: Somkele Anthracite Min	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q1
220	Pongola-Mzimkulu	Trenox sands (Pty) Ltd; Fairbreeze Mine	Inspection	Pongola-Mzimkulu	Dir: Regulation KZN	Q1
221	Pongola-Mzimkulu	Richards Bay Minerals: Zulti North, Tisand and Smelter Site	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
222	Pongola-Mzimkulu	Richards Bay Minerals: Zulti Services corridor project	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q3
223	Vaal	De Beers Consolidated Mines LTD:Finsch Mine	Audit	Vaal	Dir: Regulation Northern Cape	Q1
224	Vaal	Sishen Mine	Audit	Vaal	Dir: Regulation Northern Cape	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
225	Vaal	Black Mountain Mine	Audit	Vaal	Dir: Regulation Northern Cape	Q2
226	Vaal	Harmony Gold: Mareetsane	Audit	Vaal	Dir: Regulation Northern Cape	Q2
227	Orange	Black Mountain Mine: Gamsberg Zinc Mine	Audit	Orange	Dir: Regulation Northern Cape	Q3
228	Orange	Transhex	Audit	Orange	Dir: Regulation Northern Cape	Q3
229	Vaal	De Beers Consolidated Mines Ltd: Namaqualand Mine	Audit	Vaal	Dir: Regulation Northern Cape	Q3
230	Vaal	New Park Properties	Audit	Vaal	Dir: Regulation Northern Cape	Q4
231	Vaal	Kgalagano Mining Exploration	Audit	Vaal	Dir: Regulation Northern Cape	Q2
232	Vaal	Wide Investment 100 Mashwening	Audit	Vaal	Dir: Regulation Northern Cape	Q1
233	Vaal	Theta Mining Droogeveldt	Audit	Vaal	Dir: Regulation Northern Cape	Q1
234	Vaal	Shiva Uranium	Audit	Vaal	Dir: Regulation Free-State	Q2
235	Vaal	Anglo Gold Ashanti Vaal River operations	Audit	Vaal	Dir: Regulation Free-State	Q3
236	Vaal	Chemwes	Audit	Vaal	Dir: Regulation Free-State	Q1
237	Vaal	Koffiefontein Mine Joint Venture- Koffiefontein Mine	Audit	Vaal	Dir: Regulation Free-State	Q2
238	Vaal	Xstrata Coal South Africa(Pty)Ltd (Spitzkop)	Audit	Vaal	Dir: Regulation Gauteng	Q3

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
239	Vaal	Sasol Mining (Pty) Ltd, Sigma Collieries, Mookkraal Mine	Audit	Vaal		Q3
240	Vaal	Harmony Gold (Pty)Ltd: Evander Gold Mined	Audit	Vaal	Dir: Regulation Gauteng	Q2
241	Vaal	Coal Of Africa (Pty) Ltd, Mooiplaats Colliery (Langcarel)	Audit	Vaal	Dir: Regulation Gauteng	Q3
242	Vaal	Crown Gold Recoveries (Pty) Ltd: Knights Operations	Audit	Vaal	Dir: Regulation Gauteng	Q1
243	Vaal	Sibanye Gold Limited: Cooke Operations Siding	Audit	Vaal	Dir: Regulation Gauteng	Q1
244	Vaal	Gold Fields - South Deep Mine	Audit	Vaal	Dir: Regulation Gauteng	Q3
245	Vaal	Vunene: Usutu West Colliery	Audit	Vaal	Dir: Regulation Gauteng	Q1
246	Vaal	GFI Mining SA(Pty) Ltd: Driefontein Gold Mine	Audit	Vaal	Dir: Regulation Gauteng	Q2
247	Vaal	Anglo Gold Ashanti (West Wits Operations)	Audit	Vaal	Dir: Regulation Gauteng	Q1
248	Vaal	Ergo Mining(Propriety) Limited	Audit	Vaal	Dir: Regulation Gauteng	Q2
249	Vaal	Grootvlei Proprietary Mines	Audit	Vaal	Dir: Regulation Gauteng	Q3
250	Vaal	Silver Lake Training 447 (Pty) Ltd – Silver Lake Colliery Lelliefontein Operation	Audit	Vaal	Dir: Regulation Gauteng	Q4

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
MUNICIPAL WATER USERS						
WWTW (Municipal)						
	Olifants	Greater-Tubatse-Penge	Audit	Olifants	Dir: Regulation: Mpumalanga	Q2
251	Orange	Delareyville	Audit	Orange	Dir: Regulation Northern Cape	Q1
252	Orange	Schweizer Reineke	Audit	Orange	Dir: Regulation Northern Cape	Q1
253	Orange	Bestwood Estate	Audit	Orange	Dir: Regulation Northern Cape	Q2
254	Orange	Bloemhof	Audit	Orange	Dir: Regulation Northern Cape	Q3
255	Orange	Carnavon	Audit	Orange	Dir: Regulation Northern Cape	Q4
256	Vaal	Nketoana Local Municipality: Reitz Wastewater Treatment Works	Audit	Vaal	Dir: Regulation Gauteng	Q3
257	Vaal	Merafong Local Municipality - Oberholzer	Audit	Vaal	Dir: Regulation Gauteng	Q1
258	Vaal	Merafong Local Municipality – Kokosi	Audit	Vaal	Dir: Regulation Gauteng	Q1
259	Vaal	Midvaal Local Municipality – Vaal Marina	Audit	Vaal	Dir: Regulation Gauteng	Q2
260	Vaal	ERWAT: (Herbet Bickly Waste Water Treatment Works	Audit	Vaal	Dir: Regulation Gauteng	Q3
261	Vaal	Johannesburg Water (SOC) Ltd: Bushkoppies WWTW	Audit	Vaal	Dir: Regulation Gauteng	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
262	Vaal	Johannesburg Water (Pty) Ltd (Ennerdale WWTWs)	Audit	Vaal	Dir: Regulation Gauteng	Q2
263	Vaal	East Rand Water Care Company: Rondebuilt WWTW	Audit	Vaal	Dir: Regulation Gauteng	Q2
264	Vaal	ERWAT: (Dekema Waste Water Treatment) Works	Audit	Vaal	Dir: Regulation Gauteng	Q3
265	Vaal	Ekurhuleni Local Municipality (Klipportjie and Sunward Pump stations upgrade)	Audit	Vaal	Dir: Regulation Gauteng	Q4
266	Vaal	East Rand Water Care Company (Ancor WWTWs)	Audit	Vaal	Dir: Regulation Gauteng	Q1
267	Limpopo	Musina Local Municipality (Musina WWTW)	Inspection	Limpopo	Dir: Regulation Limpopo	Q2
268	Limpopo	Musina Local Municipality (Beitbridge WWTW)	Inspection	Limpopo	Dir: Regulation Limpopo	Q2
269	Limpopo	Lephalale Local Municipality (Zongezien WWTW)	Inspection	Limpopo	Dir: Regulation Limpopo	Q3
270	Limpopo	Thohoyandou WWTW	Inspection	Limpopo	Dir: Regulation Limpopo	Q3
271	Limpopo	Modimolle Local Municipality (Modimolle WWTW)	Inspection	Limpopo	Dir: Regulation Limpopo	Q4
272	Limpopo	Mookgophong Local Municipality (Mookgophong WWTW)	Inspection	Limpopo	Dir: Regulation Limpopo	Q4
273	Limpopo	Musina Local Municipality (Nancefield Ponds)	Inspection	Limpopo	Dir: Regulation Limpopo	Q4

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
274	Limpopo	Rustenburg LM: Rustenburg WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q1
275	Limpopo	Rustenburg LM: Monakato WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q1
276	Limpopo	Rustenburg LM: Lethabong WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q1
277	Limpopo	Rustenburg LM: Boitekong WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q1
278	Limpopo	Randfontein LM: Badirile WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q1
279	Limpopo	Sun International (Sun city family resort?)	Inspection	Limpopo	Dir: Regulation North-West	Q2
280	Limpopo	City of Joburg: Driefonteing WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q2
281	Limpopo	City of Tshwane Sunderland Ridge WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q3
282	Limpopo	Madibeng Local Municipality Brits	Inspection	Limpopo	Dir: Regulation North-West	Q2
283	Limpopo	City of Tshwane Baviaanspoort WWTW and Daspoort WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q2
284	Limpopo	City of Tshwane: Daspoort WWTW	Inspection	Limpopo	Dir: Regulation North-West	Q4
285	Berg-Olifants	Cederberg LM: Citrusdal	Audit	Berg-Olifants	Dir: Regulation Western Cape	Q2
286	Phongola-Mzimkhulu	Ethekwini: Phoenix	Audit	Phongola-Mzimkhulu	Dir: Regulation KZN	Q3
287	Phongola-Mzimkhulu	Ethekwini: Verulum	Audit	Phongola-Mzimkhulu	Dir: Regulation KZN	Q3

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
288	Olifants	Greater-Tubatse-Penge	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
289	Olifants	Greater-Tubatse-Lebowakgomo	Audit	Olifants	Dir: Regulation Mpumalanga	Q2
290	Olifants	Emalahleni LM: Phola	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
291	Olifants	Emalahleni LM: Klipspruit	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
292	Olifants	Goven Mbeki LM: Bethal	Audit	Olifants	Dir: Regulation Mpumalanga	Q3
293	Olifants	Steve Tshwete LM: Kwazamokuhle	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
294	Olifants	Emakhazeni LM: Belfast	Audit	Olifants	Dir: Regulation Mpumalanga	Q4
Waste/ Landfill						
295	Orange	Senqu LM	Inspection	Orange	Dir: Regulation Free-State	Q1
296	Vaal	Ventersdorp LM	Inspection	Vaal	Dir: Regulation Free-State	Q2
297	Orange	Senqu LM	Inspection	Orange	Dir: Regulation Free-State	Q3
298	Orange	Senqu LM	Inspection	Orange	Dir: Regulation Free-State	Q4
299		Hoffontein	Inspection		Dir: Regulation Gauteng	Q1
300		Kwadukuza	Inspection		Dir: Regulation KZN	Q1
301		Nelspruit	Inspection		Dir: Regulation Mpumalanga	Q1
302		Karwydeskraal	Inspection		Dir: Regulation Western Cape	Q1
303		Marble hall	Inspection		Dir: Regulation Limpopo	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
304		Thabazimbi	Inspection		Dir: Regulation Limpopo	Q1
305		Phalaborwa	Inspection		Dir: Regulation Mpu	Q2
306		Port Elizabeth	Inspection		Dir: Regulation Eastern Cape	Q2
307		Koedoeskloof	Inspection		Dir: Regulation Eastern Cape	Q2
308		Medupi-Eskom	Inspection		Dir: Regulation Limpopo	Q2
309		Bulbuldrive	Inspection		Dir: Regulation KZN	Q2
310		Mooiplaats	Inspection		Dir: Regulation Eastern Cape	Q2
311		Jeffreys Bay	Inspection		Dir: Regulation Eastern Cape	Q2
312		Bethlehem	Inspection		Dir: Regulation Free State	Q2
313		Klerksdorp	Inspection		Dir: Regulation Gauteng	Q3
314		Ermelo	Inspection		Dir: Regulation Gauteng	Q3
315		Shongweni	Inspection		Dir: Regulation KZN	Q3
316		Assmang Cato Ridge	Inspection		Dir: Regulation Gauteng	Q3
317		Nylstroom	Audit		Dir: Regulation Limpopo	Q3
318		Vrede	Audit		Dir: Regulation Free-State	Q3
319		Sappi Ngodwana	Audit		Dir: Regulation Mpumalanga	Q4
320		Glencore	Inspection		Dir: Regulation KZN	Q4
321		Compass Medical W	Inspection		Dir: Regulation Eastern Cape	Q4
322		Sun city	Inspection		Dir: Regulation Limpopo	Q4

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
323		Witbank	Inspection		Dir: Regulation Mpumalanga	Q4
324		Bethal	Inspection		Dir: Regulation Mpumalanga	Q4
325		Kleinsee	Audit		Dir: Regulation Northern Cape	Q1
326		Kgalagadi	Audit		Dir: Regulation Northern Cape	Q2
327		Prieska	Audit		Dir: Regulation Northern Cape	Q3
328		Kuruman	Audit		Dir: Regulation Northern Cape	Q4
Public institutions						
329	Pongola-Mzimkulu	Uthukela Water: Muden Waterworks	Audit	Pongola-Mzimkulu	Dir: Regulation KZN	Q2
330	Vaal	Rand Water	Audit	Vaal	Dir: Regulation Gauteng	Q1
331	Vaal	Transnet	Audit	Vaal	Dir: Regulation Gauteng	Q3
332	Vaal	Transnet	Audit	Vaal	Dir: Regulation Northern Cape	Q2
333	Limpopo	JHB Road Agency	Audit	Limpopo	Dir: Regulation North-West	Q3
334	Limpopo	Eskom Distribution Central Region	Audit	Limpopo	Dir: Regulation North-West	Q4
335	Limpopo	Gauteng Department of Housing	Audit	Limpopo	Dir: Regulation North-West	Q3
336	Olifants	Sanral upgrade of R37	Audit	Olifants	Dir: Regulation Mpumalanga	Q1
337	Olifants	Sanral Rehabilitation of N11	Audit	Olifants	Dir: Regulation Mpumalanga	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
DAM SAFETY						
338	Berg-Olifants	Doordekraal Dam	Inspection	Berg-Olifants		Q4
339	Berg-Olifants	Nantes Dam	Inspection	Berg-Olifants		Q4
340	Berg-Olifants	Bethel Dam	Inspection	Berg-Olifants		Q4
341	Berg-Olifants	Idasvalley No 2 Dam	Inspection	Berg-Olifants		Q4
342	Berg-Olifants	Scottsdale Maturation Ponds	Inspection	Berg-Olifants		Q4
343	Berg-Olifants	Porterville Lei Dam	Inspection	Berg-Olifants		Q4
344	Berg-Olifants	Dal Weiding Stormwater Control Dam	Inspection	Berg-Olifants		Q4
345	Berg-Olifants	Sonstraal Dam	Inspection	Berg-Olifants		Q4
346	Berg-Olifants	Amandel Dam	Inspection	Berg-Olifants		Q4
347	Berg-Olifants	Vygeboom Dam	Inspection	Berg-Olifants		Q4
348	Berg-Olifants	Golfdam	Inspection	Berg-Olifants		Q4
349	Berg-Olifants	Victoria Dam	Inspection	Berg-Olifants		Q4
350	Limpopo	Prison Dam	Inspection	Limpopo		Q4
351	Limpopo	Warmbad-Nuwe Dam	Inspection	Limpopo		Q4
352	Limpopo	Lejwe La Metsi (Thabamanzi) Dam	Inspection	Limpopo		Q4
353	Limpopo	Bospoort Dam	Inspection	Limpopo		Q4
354	Limpopo	Bon Accord Dam	Inspection	Limpopo		Q4
355	Limpopo	Rietspruit Dam (Failed In 2014)	Inspection	Limpopo		Q4
356	Limpopo	Rietfontein No.1 (Lower) Dam	Inspection	Limpopo		Q4

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
357	Limpopo	Kwaggasbult Dam	Inspection	Limpopo		Q4
358	Limpopo	Gert Combrink Dam	Inspection	Limpopo		Q4
359	Limpopo	Rietfontein No.2(Upper) Dam	Inspection	Limpopo		Q4
360	Limpopo	Rietfontein Dam 7	Inspection	Limpopo		Q4
361	Limpopo	Parma 40 Ms Dam	Inspection	Limpopo		Q4
362	Pongola-Mzimkulu	Lake Mzingazi	Inspection	Pongola-Mzimkulu		Q4
363	Pongola-Mzimkulu	Mahawane Dam	Inspection	Pongola-Mzimkulu		Q4
364	Pongola-Mzimkulu	Martins Dam	Inspection	Pongola-Mzimkulu		Q4
365	Pongola-Mzimkulu	'E Dumbé Dam	Inspection	Pongola-Mzimkulu		Q1
366	Pongola-Mzimkulu	Amanzimnyama Dam	Inspection	Pongola-Mzimkulu		Q3
367	Pongola-Mzimkulu	Eshlazi Dam	Inspection	Pongola-Mzimkulu		Q2
368	Orange	Nuwe Dam	Inspection	Orange	Dir: Regulation Northern Cape	Q4
369	Orange	Kenhardt Dam	Inspection	Orange	Dir: Regulation Northern Cape	Q1
370	Orange	Masolkakop Dam	Inspection	Orange	Dir: Regulation Northern Cape	Q2
371	Vaal	Glen Una Eenzaamheid Dam	Inspection	Vaal	Dir: Regulation Northern Cape	Q4
372	Mzimvubu-Tsitsikamma	Amalinda Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
373	Mzimvubu-Tsitsikamma	Churchill Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q2
374	Mzimvubu-Tsitsikamma	Van Stadens Gorge Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q2
375	Mzimvubu-Tsitsikamma	First Falls Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
376	Mzimvubu-Tsitsikamma	Crystal Springs Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
377	Mzimvubu-Tsitsikamma	Sarel Hayward Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
378	Mzimvubu-Tsitsikamma	Bulkrivier Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q4
379	Mzimvubu-Tsitsikamma	Bakers Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q3
380	Mzimvubu-Tsitsikamma	Umzoniana Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
381	Mzimvubu-Tsitsikamma	Joubertina Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q4
382	Mzimvubu-Tsitsikamma	Upper Van Stadens Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q2
383	Mzimvubu-Tsitsikamma	Sandriver Dam	Inspection	Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q4

PPI No 1.1.7: Number of water management institutions monitored for compliance with own water use entitlements and effective monitoring of affiliated water users

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
1	Mzimvubu-Tsitsikamma	Lower Sundays River Water User Association		Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
2	Mzimvubu-Tsitsikamma	Gamtoos River Irrigation Board		Mzimvubu-Tsitsikamma	Dir: Regulation Eastern Cape	Q1
3	Orange	Orange-Riet Water User Association		Orange	Dir: Regulation Free-State	Q1
4	Orange	Kalkfontein Water User Association		Orange	Dir: Regulation Free-State	Q1
5	Orange	Kakamas Water User Association		Orange	Dir: Regulation Free-State	Q4
6	Orange	Broadwater Farms (Orange - Vaal)		Orange	Dir: Regulation Free-State	Q4
7	Orange	Boegoeberg Water User Association		Orange	Dir: Regulation Free-State	Q4
8	Orange	Riemvasmaak Gemeenskapsontwikkelings		Orange	Dir: Regulation Free-State	Q4
9	Vaal	Vaalharts Water User Association	Audit	Vaal	Dir: Regulation Northern Cape	Q1
10	Orange	Kalahari East Water Board	Audit	Orange	Dir: Regulation Northern Cape	Q2
11	Vaal	Vyfhoek Suid Nedersettingsraad		Vaal	Dir: Regulation Northern Cape	Q4
12	Vaal	Clisa 83		Vaal	Dir: Regulation Northern Cape	Q4
13	Vaal	Guilford		Vaal	Dir: Regulation Northern Cape	Q4
14	Inkomati-Usutu	Crocodile River Major Irrigation Board		Inkomati-Usutu	Dir: Regulation Mpumalanga	Q4
15	Olifants	Letaba Water User Association		Olifants	Dir: Regulation Mpumalanga	Q4
16	Inkomati-Usutu	Komati River Irrigation Board		Inkomati-Usutu	Dir: Regulation Mpumalanga	Q2
17	Inkomati-Usutu	Lomati River Irrigation Board		Inkomati-Usutu	Dir: Regulation Mpumalanga	Q3
18	Inkomati-Usutu	Suidkaap River Irrigation Board		Inkomati-Usutu	Dir: Regulation Mpumalanga	Q4
19	Inkomati-Usutu	IUCMA		Inkomati-Usutu	Dir: Regulation Mpumalanga	Q4
20	Olifants	Loskop Irrigation Board		Olifants	Dir: Regulation Mpumalanga	Q1

No	Water Management area	Name of user	Inspection / audit	Proto-CMA name	Province	Targeted monitoring
21	Olifants	Lower Blyde River Water User Association		Olifants	Dir: Regulation Mpumalanga	Q3
22	Pongola-Mzimkulu	Letsitelervier Irrigation Board - Damaratviev		Pongola-Mzimkulu	Dir: Regulation KZN	Q4
23	Limpopo	Mokolo Water User Association		Limpopo	Dir: Regulation Limpopo	Q4
24	Limpopo	Department Of Agriculture, Forestry And Fisheries		Limpopo	Dir: Regulation Limpopo	Q4
25	Limpopo	Hartbeespoort Irrigation Board		Limpopo	Dir: Regulation Limpopo	Q4
26	Limpopo	Crocodile River W-Tvl Irrigation Board		Limpopo	Dir: Regulation Limpopo	Q4
27	Limpopo	Bon Accord Irrigation Board		Limpopo	Dir: Regulation Limpopo	Q4
28	Breede-Gouritz	Rondebosch WUA		Breede-Gouritz	Dir: Regulation Western Cape	Q1
29	Breede-Gouritz	Northern Sandveld WUA		Breede-Gouritz	Dir: Regulation Western Cape	Q2
30	Breede-Gouritz	Citrusdal WUA		Breede-Gouritz	Dir: Regulation Western Cape	Q3
31	Breede-Gouritz	BGCMA		Breede-Gouritz	Dir: Regulation Western Cape	Q4

Notes on changes to 2016/17 indicators

- i The previous 2016/17 indicator was revised from "Minimum percentage vacancy rate for engineers and scientists" to "Percentage vacancy rate for engineers and scientists"
- ii The previous 2016/17 indicator was revised from "Percentage of SMS and MMS employees assessed against DPSA set competencies" to "Percentage of SMS employees attending interventions identified through the DPSA competency assessment" to factor in training interventions.
- iii The previous 2016/17 indicator was revised from "Approved standardised water and sanitation sector occupations framework implemented" to "Percentage of water and sanitation sector occupation (skills) registered with OFO" to factor in the activities after the framework has been finalised.
- iv The previous 2016/17 indicators on "Water monitoring network implementation strategy completed" and "Water monitoring network implementation strategy implemented in prioritised catchment areas" were consolidated to "Adopted water monitoring network implementation plan implemented".
- v The previous 2016/17 indicators on "Integrated water quality management strategy completed" and "Number of prioritised integrated water quality management interventions implemented in catchment areas" have been consolidated to "Integrated Water Quality Management strategy"
- vi The previous 2016/17 indicator on "National Water and Sanitation Master Plan completed" has been amended to factor in the development and adoption of the master plan.
- vii The previous 2016/17 indicator on "Number of mega water and wastewater services projects under construction" has been amended to "Number of mega regional bulk infrastructure project phases under construction".
- viii The previous 2016/17 indicator on "Number of mega water and wastewater services projects completed" has been amended to "Number of mega regional bulk infrastructure project phases completed".
- ix The previous 2016/17 indicator on "Number of large water and wastewater services projects under construction" has been amended to "Number of large regional bulk infrastructure project phases under construction".
- x The previous 2016/17 indicator on "Number of large water and wastewater services projects completed" has been amended to "Number of large regional bulk infrastructure project phases completed".
- xi The previous 2016/17 indicator on "Number of small water and wastewater services projects under construction" has been disaggregated into 3 indicators to align with the new sub-programmes in the revised budget structure namely "Number of small regional bulk infrastructure project phases under construction", "Number of small ACIP projects under construction" and "Number of small WSIG projects under construction".
- xii The previous 2016/17 indicator on "Number of small water and wastewater services projects completed" has been disaggregated into 3 indicators to align with the new sub-programmes in the revised budget structure namely "Number of small regional bulk infrastructure project phases completed", "Number of small ACIP projects completed" and "Number of small WSIG projects completed".
- xiii The previous 2016/17 indicator on "Number of existing bucket sanitation systems in formal settlements replaced with adequate sanitation services per year" has been amended to "Number of existing bucket sanitation backlog systems in formal settlements replaced with adequate sanitation services per year".
- xiv The previous 2016/17 indicator on "Approved National Asset Management Plan" has been incorporated in "Percentage of projects completed as per the AMP aligned maintenance plan (planned maintenance)" as the National Asset management plan was approved during the 2016/17 financial year.

- xv *The previous 2016/17 indicator on "Number of water management institutions monitored for effective compliance monitoring of affiliated water users" to "Number of water management institutions monitored for compliance to own water use entitlements and effective monitoring of affiliated water users" as some WMIs have entitlements issued directly to them as corporates with members also having their own entitlements.*
- xvi *The previous 2016/17 indicator on "Number of catchments assessed for Acid Mine Drainage (AMD)" has been amended to "Number of WMAs assessed for Acid Mine Drainage (AMD)".*
- xvii *The previous 2016/17 indicator on "Number of catchments in which mitigation strategies for potential AMD are developed" has been amended to "Number of WMAs in which mitigation strategies for potential AMD are developed"*
- xviii *The previous 2016/17 indicator on "Number of annual performance assessments conducted on all DWS public entities" has been amended to "Number of public entities annually assessed" to change it from an activity to an output.*
- xix *The previous 2016/17 indicator on "Establishment of a National Water Infrastructure Agency" has been amended to "National Water Infrastructure Agency established" to change it from an activity to an output.*
- xx *The previous 2016/17 indicator on "Establishment of Water Economic Regulator" has been amended to "Water Economic Regulator established" to change it from an activity to an output.*
- xxi *The previous 2016/17 indicators on "Inter/intra-governmental structures established for mine water management governance" and "Mine water management coordinating bodies established per catchment" have been moved to the programme operational plan. A new indicator on "Mine water management technologies assessed" has been introduced.*

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DEPARTMENT OF WATER AND SANITATION

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