ANNUAL PERFORMANCE PLAN

FOR THE FISCAL YEARS
2021/22 TO 2023/24

(VOTE 41)

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FOREWORD
BY THE MINISTER

The South African Constitution, with its roots firmly embedded in the Freedom Charter and the Bill of Rights, proclaims that "South Africa belongs to all who live in it" and that all citizens have a right to an environment that is not harmful. This is meant to result in an inclusive and non-racial society. South Africa is a country brimming with potential and a resilient and fast growing economy is at the heart of our envisaged economic transformation agenda, directed by the National Development Plan, our South African Vision 2030.

The country's Vision 2030 is well supported by the National Water and Sanitation Master Plan that we launched in November 2019, which Plan will direct all our efforts towards 2030 and beyond, the African Union's Vision 2063, as well as the United Nations' Sustainable Development Goals, Goal Number 6 (SDG-6) impacting on the delivery of water and sanitation.

Our economy has been facing difficulties since the financial crisis in 2008. As a country we embarked on an aggressive infrastructure development programme to stimulate growth, led by the Presidential Infrastructure Co-ordinating Commission. Global growth still remains muted and financial markets have become volatile. Currencies of emerging markets have become weak and they fluctuate widely, and the reality of other input factors cannot be ignored.

Our economy is also affected by domestic factors most notably electricity constraints and industrial relations both which are at times unstable. The mandate of the Department of Water and Sanitation (DWS) is derived from the country's Constitution and carries the responsibility to deliver basic yet crucial services to the populace. The service delivery tools for the DWS are embodied in the National Water Act (NWA) , Water Services Act (WSA) and the Water Research Act (WRA) including all policy mandates and strategies which form a solid basis upon which to build our plans for the next financial year and beyond.

Our political guidance and directions are premised on the government's Programme of Action which drives all our efforts to respond to and carry out the needs and desires of South Africans. The planning terrain for the 2020/2021 medium term has been intensified and includes the Department's entities. The department sets the agenda and identifies key projects for the State Owned Companies and entities to implement over a defined period. These interventions are essential for growth and sustained service delivery to a growing populace and demand.

It is important to recall that due to the fact that the Department had accruals in the last few years, it is necessary to review the strategic plan in order to align the Annual

Performance Plan (APP) targets with the available budget.

At the same time, the Department will continue to find cost effective ways of realising its mandate within the allocated budget.

We all have a lot to do to turn the economy around and to reduce wastage. This belt-tightening exercise will require us to go through a difficult period until the economy recovers.

We need to also adhere to:

- Scaling-up private-sector investment for water infrastructure.
- Growing the Ocean Economy;
- Identifying Cross-cutting Areas to Reform, Boost and Diversify the Economy through:
- Science, technology and innovation
- Reliable Water and Sanitation provision

The maintenance and building of water infrastructure remains crucial to expanding access to South Africans wherever they live and work. In the same vein it is imperative to improve delivery of decent sanitation and while doing so explore the use of innovative technologies.

This Annual Performance Plan sets out the Department's transformative programme that is certain to yield positive outcomes.

Sisulu L (MP)
MINISTER OF HUMAN SETTLEMENTS, WATER AND SANITATION

MESSAGE FROM THE DEPUTY MINISTER

Since the advent of our democratic dispensation a number of variables have impacted on the network industries. The ANC had to expand access to services to many South Africans who were deliberately excluded, the population has grown substantially, increased levels of migration, urbanization and economic growth in terms of GDP compared to 1994. In addition consideration has to be placed in adapting to climate change imperatives and taking advantage of the technological advances in line with 4th industrial revolution.

South Africa remains a water scarce country and is facing a challenge in the delivery of water and sanitation services caused by among other factors, insufficient water infrastructure maintenance and investment, recurrent droughts driven by climatic variation, inequities in access to water and sanitation, deteriorating water quality, and a lack of skilled water engineers, scientists, hydrologists, geo-hydrologists and resource economist, etc. This crisis is already having significant impacts on economic growth and on the well-being of everyone in South Africa. This is exacerbated by climate change related impacts and the Covid-19 pandemic.

The spatial availability of water has serious impact on development, access to infrastructure and services. This legacy is still visible wherein most urban and industrial development took place far from water source mainly due to occurrence of mineral wealth or deposits and deliberate political decisions taken by the apartheid regime. The focus on spatial transformation by the ANC led government is an important intervention to reverse this legacy of uneven development.

One country continues to have skewed water allocation with respect to certain water use sectors. The biggest proportion of water sources were mainly directed to irrigation sector estimated at 60%, domestic use about 30% and the remainder to industries, mines and afforestation. This trend is unsustainable in a country that has to cater for the reserve and international obligations in the midst of scarcity of the resource. In other water management areas the water allocated has been far exceeded and to mitigate against this reality a large scale transfer of water across the catchments has been implemented.

Due to population growth, migration, urbanization and lack of infrastructure maintenance, we have experienced negative impact on the quality of the water resources. Water quality continues to deteriorate at an alarming rate. Results indicate that the source of pollution emanates from the lack of or inadequate sanitation, return affluent from industries, mines, rural settlements, agricultural run offs, ground water, pollution

human settlement activities, and mining.

Our world-class water resource planning has been neglected over the past few years as we concentrated on providing basic water supply to our people. Our infrastructure planning and implementation has experienced poor planning, inadequate budgeting, delays in execution, poor maintenance of infrastructure, corruption in procurement, and lack of technical engineering capacity We will re-invigorate our long range planning capabilities. To do this, we will build on the technical skills still available within the sector.

An implementation model of Khawuleza has been adopted to speed up infrastructure planning and delivery. We are harnessing our capacity in TCTA, Water Boards and DWS Construction Unit to implement certain infrastructure

projects with a clear focus to create jobs and promote SMMEs, with 30% of procurement spend targeting women and youth owned enterprises.

Inadequate or lack of waste water treatment and management of effluent discharges including agricultural and urban runoffs has impacted negatively to the health, environment and economic risks. This is due to lack of technical capacity for operations and maintenance of Waste Water Treatment Plants and lack of enforcement capability by regulators.

Over the last 26 years strides have been made. Around 95% of South African households live in areas where infrastructure to supply at least a basic level of water service is reported to have been provided (the remaining 5% are mainly in informal urban settlements or relatively remote scattered rural locations). Despite extensive infrastructure provision, the reliability of domestic water supply is declining and many services have failed. We are full armed with very progressive and transformative water legislation leading to water resource technologies, well developed infrastructure, sound track record, and strong institutions/utilities.

For water resource infrastructure we need to promote collaborations to identify and scale up public private investments to accelerate implementation projects aimed in achieving sustainable development goal (SDG 6) on water and sanitation. Water is essential to life. We need to work hard to bring safe and sanitation to all. Let's provide families with hope, health and the opportunity to break the cycle of poverty, unemployment and reducing inequality.

We will work closely with MISA and COGTA on all the Municipal Water Grants related projects. In our infrastructure designs we shall ensure fit for purpose whilst ensuring maximum use of locally produced components and equipment. Water Infrastructure grants cannot and should not be diverted!

This 6th administration led by President Cyril Ramaphosa has a political commitment and institutions with requisite capacity that can be improved to deliver on our mandate.

Whilst our economic prospects have been diminished by two major developments namely the downgrade of our country to below investment grade levels and the global pandemic of serious acute respiratory syndrome coronary virus, known as COVID-19 we have to adopt a flexible and responsive approach to water resources infrastructure where we have experienced unprecedented increased pressures on water demand, consumption and inflows.

The water security question in South Africa is invariably linked to food and energy security and as evident in the COVID response strategy, to the health and infection control in the era of the pandemic. This discussion document has quantified the present funding needs of the sector from a bulk raw perspective and the innovations that should be adopted for the investment to have a high impact in terms of direct job creation and future water security. It has also explored the multiplier effect of investment in major water projects into mining, agriculture and a catalyst post disasters historically.

The public vaccination of President Ramaphosa on 16 February 2021 has undoubtedly enhanced optimism to our people of our Government plan and strategy to fight the spread of the Corona Virus and we are very grateful of the commitment of our frontline workers who are still holding the fort, saving lives under difficult conditions where their lives are threatened.

Mr MD Mahlobo
DEPUTY MINISTER OF WATER AND SANITATION

OVERVIEW OF THE ACCOUNTING OFFICER

The Department of Water and Sanitation (DWS) developed a National Water and Sanitation Master Plan (the Master Plan) in partnership with all relevant organs of state and water sector stakeholders, to give effect to local, national, regional, continental and international water and sanitation delivery targets and commitments. It points out the priority actions required until 2030 and beyond to ensure the water security and equitable access to water and sanitation services for all in South Africa.

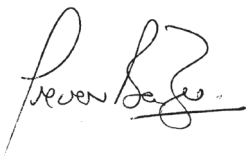
The Master Plan is a vital tool for the entire South African water sector in that it strives to improve integrated planning and development across the value chain as well as addressing issues relating to the water and sanitation needs of the country as envisioned in the National Development Plan (NDP), the Sustainable Development Goals (SDGs) and in particular goal six "Ensure Water and Sanitation for All" as well as the African Union Agenda 2063.

The Master Plan is driven by a sense of urgency and therefore articulates the prioritised actions and investments the country must implement between now and 2030 to overcome challenges and ensure a water secure future supporting inclusive development across the country. This action is also necessary to ensure that universal sanitation coverage protects the health of our people.

The Department's strategic priorities have been reconfigured to align with the Master Plan's key elements. These departmental strategic priorities also fall within two (2) priorities of the revised 2019-2024 Medium Term Strategic Framework (namely Economic Transformation and Job Creation and Spatial integration, Human Settlements and Local Government).

Through the implementation of the infrastructure programme, the Department also plans to support the President's Economic Reconstruction and Recovery Plan's (ERRP) priority intervention of Aggressive Infrastructure Investment. In addition, through targeted procurement, plans are underway to support women, youth and persons with disabilities to ensure their economic empowerment is realised.

The President's 2021 State of the Nation Address (SONA) and Operation Vulindlela also identified priority structural reforms that need to be implemented to fast-track economic recovery. These have been included in the Department's planning documents.

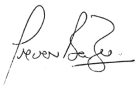


Mr T I Balzer
ACTING DIRECTOR-GENERAL

Official sign off

It is hereby certified that this Annual Performance Plan

- Was developed by the management of the Department of Water and Sanitation under the guidance of L N Sisulu (MP) ;
- Takes into account all the relevant policies, legislation and other mandates for which the Department of Water and Sanitation is responsible.
- Accurately reflects the impact, outcomes and outputs which the Department of Water and Sanitation will endeavor to achieve over the period 2021/22 – 2023/24.

Mr C Greeve DDG (Acting) : Corporate Support Services	
Ms F L. N W Lusenga DDG: International Water Support	
Ms D Mochotlhi DDG: Water Planning and Information Management	
Mr L Manus DDG (Acting): Water Infrastructure Development	
Ms T Sigwaza DDG (Acting) Water Sector Regulation	
Ms O N V Fundakubi Chief Operation Officer	
Mr F Moatshe Acting Chief Financial Officer: Main Account and Water Trading	
Mr T I Balzer (Acting) Director-General	
M D Mahlobo (MP) Deputy Minister of Human Settlements, Water and Sanitation	
L N Sisulu (MP) Minister of Human Settlements, Water and Sanitation	

List of abbreviations and acronyms

Abbreviation/ Acronym	Description
ACIP	Accelerated Community Infrastructure Programme
AMD	Acid Mine Drainage
AMS	Asset Management Strategy
AMP	Asset Management Plan
AOR	Annual Operating Rules
APP	Annual Performance 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
CFO	Chief Financial Officer
CHDM	Chris Hani District Municipality
CMA	Catchment Management Agency
CME	Compliance Monitoring and Enforcement
COGTA	Cooperative Governance and Traditional Affairs
CRO	Chief Risk Officer
DG	Director-General
DIRCO	Department of International Relations and Cooperation
DM	District Municipality
DMP	Demand Management Plan
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
Ewulaas	Electronic Water Use Licence Application System
FBSan	Free Basic Sanitation
FDI	Foreign Direct Investment
FIDPM	Framework for Infrastructure Delivery and Procurement Management
FMFS	Flood Monitoring and Forecasting System
FOSAD	Forum for South African Directors-General
FS	Free State

Abbreviation/ Acronym	Description
GA	General Authorisation
GCIS	Government Communication and Information System
GDP	Gross Domestic Product
GIS	Geographical Information System
GLeWAP	Greater Letaba Water Augmentation Project
GP	Gauteng
GW	Ground Water
GWS	Government Water Scheme
HYDSTRA	Hydrological Information System
ICT	Information Communication Technology
IRS	Implementation Readiness Study
IPAP	Industrial Policy Action Plan
IWA	International Water Association
JSE	Johannesburg Stock Exchange
KSD	King Sabata Dalindyebo
KZN	KwaZulu-Natal
l/c/d	Litre per capita per day
LM	Local Municipality
LP	Limpopo
m^2	Metre squared
m^3	Cubic metre
MIIF	Municipal Infrastructure Investment Framework
Ml	Megalitre
Ml/d	Megalitre per day
mm	Millimetres
MMS	Middle Management Service
MoU	Memorandum of Understanding
MP	Mpumalanga
MPAP	Municipal Priority Action Plan
MPAT	Management Performance Assessment Tool
MSP	Master System Plan
MTSF	Medium-Term Strategic Framework
MuSSA	Municipal Strategic Self-Assessments
MWIP	Municipal Water Infrastructure Programme
NAMP	National Asset Management Plan
NC	Northern Cape
NCMP	National Chemical Monitoring Programme
NDP	National Development Plan

Abbreviation/ Acronym	Description
NEDLAC	National Economic Development and Labour Council
NEMP	National Eutrophication Monitoring Programme
NGIS	National Groundwater Information System
NIWIS	National Integrated Water Information System
NMMP	National Microbial Monitoring Programme
NOC	Non Overspill Crest
NPFWEGE	South African National Policy Framework for Women Empowerment and Gender Equality
NRW	Non-revenue water
NT	National Treasury
NW	North West
NWA	National Water Act
NWMP	National Wetland Monitoring Programme
NWRI	National Water Resources Infrastructure
NWRS-2	National Water Resources Strategy 2
NWSMP	National Water and Sanitation Master Plan
NWRS-3	National Water Resources Strategy 3
NWSRSS	National Water and Sanitation Resources and Services
OFO	Organising Framework for Occupation
O&MP	Operations and Maintenance Plans
ORWRDP	Olifants River Water Resource Development Project
OSD	Occupation Specific Dispensation
PMU	Project Management Unit
PSC	Project Steering Committee
QSE	Qualifying Small Enterprise
RBIG	Regional Bulk Infrastructure Grant
RDP	Reconstruction and Development Programme
RID	Record of Implementation Decision
RMP	Resource Management Plans
RQOs	Resource Quality Objectives
R&R	Rehabilitation and Refurbishment
RW	Rand Water
RWS	Regional Water Scheme
SABS	South African Bureau of Standards
SADC	Southern African Development Community
SALGA	South African Local Government Association
SCM	Supply Chain Management
SDG	Sustainable Development Goal
SDM	Sekhukhune District Municipality

Abbreviation/ Acronym	Description
SIP	Strategic Infrastructure Project
SIV	System Input Volume
SMART	Specific Measurable Achievable Realistic Time-bound
SMS	Senior Management Service
StatsSA	Statistics South Africa
SW	Surface Water
SWPN	Strategic Water Partners Network
TCTA	Trans Caledon Tunnel Authority
TRA	Temporary Relocation Areas
VIP	Ventilated Improved Pit
VO	Variation Order
WAR	Water Allocation Reform
WARMS	Water Registration Management System
WB	Water Board
WC	Western Cape
WCDM	Water Conservation Demand Management
WDCS	Waste Discharge Charge System
WMI	Water Management Institution
WMS	Water Management System
WRPS	Water Resource Planning System
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

STRATEGIC OVERVIEW

STRATEGY MAP OF THE DWS

Vision

Equitable and sustainable water and sanitation that support socio-economic growth and development of the well-being of current and future generations.

Mission

To ensure the universal access of all South Africans to equitable water resources and sustainable water and sanitation services, by:

- Protecting, developing, conserving, managing and regulating water resources;
- Managing, regulating and providing efficient and effective water and sanitation services;
- Providing strategic leadership and evidence based policy direction to a coordinated water and sanitation sector for improved sector performance and service delivery;
- Building the skills and capabilities of the sector and enhancing information management to inform decision making; and
- Enhancing communication and stakeholder partnerships with communities and sector constituencies to advance the national development agenda.

Values

- Providing services impartially, fairly, equitably and without bias;
- Utilising resources efficiently and effectively;
- Promoting and maintaining high standards of professional ethics;
- Responding to people's needs; citizens are encouraged to participate in policy-making;
- Rendering an accountable, transparent, and development -oriented public administration.

Impact statement

Water resources that are protected, used, developed, conserved, managed and controlled in a manner that support ecologically sustainable economic and social development that transforms access to water to redress racial imbalances.

Outcomes

Efficient, effective and development orientated department	Ecological infrastucture protected and restored	Water demand reduction and water supply increased	Water and sanitation services managed effectively	Enhanced regulation of the water and sanitation sector	Water redistributed for transformation

PART A:
OUR MANDATE

1 Legislative and policy mandates

The legislative mandate of the water and sanitation sector seeks to ensure that the country's water resources are protected, used, developed, conserved, managed and controlled through regulating and supporting the delivery of effective water supply and sanitation.

1.1 Legislative mandate

The Department and the sector draw their primary mandate from the following legislation

1.1.1 The National Water Act, 1998 (Act No 36 of 1998) as amended

The National Water Act seeks to ensure that the country's water resources are protected, used, developed, conserved, managed and controlled in a sustainable and equitable manner for the benefit of all people.

The Act assigns the national government as the public trustee of the water resources. Acting through the Minister, it has the power to regulate the allocation, use, flow and control of all water in the Republic. It also identifies the need to establish suitable institutions in order to achieve its purpose. In addition, it provides for the development of the National Water Resources Strategy (NWRS) which must be regularly reviewed and the requirement of each Catchment Management Agency (CMA) to develop a catchment management strategy for the water resources within its jurisdiction.

1.1.2 The Water Services Act, 1997 (Act No 108 of 1997)

The Water Services Act prescribes the legislative duty of municipalities as water service authorities to supply water and sanitation according to national norms and standards. In addition, it regulates Water Boards as important water service providers.

The Act compels the Minister to maintain a National Water Services Information System and to monitor the performance of all water services institutions, as well as providing for the monitoring of water services and intervention by the Minister or the relevant Province when necessitated.

With reference to a "right to basic sanitation", this is the primary legislation relating to sanitation in South Africa. It further defines basic sanitation as: 'The prescribed minimum standard of services necessary for the safe, hygienic and adequate collection, removal, disposal or purification of human excreta, domestic waste water and sewerage from households, including informal households'. Further regulations, norms and standards pertaining to sanitation can be found in the Housing Act (No.107 of 1997) .

It acknowledges that although municipalities have authority to administer water supply services and sanitation services, all government spheres are required to works towards this object, within the limits of physical and financial feasibility.

1.1.3 The Water Research Act, 1971 (Act No 34 of 1971)

The Water Research Act establishes the Water Research Commission and the Water Research Fund, and thus promotes water related research and the use of water for agricultural purposes, industrial purposes or urban purposes. The Minister appoints members of the Water Research Commission (WRC) , and thus exercises executive oversight over the Commission.

1.2 Policy framework

1.2.1 National Water Policy Review (2013) : the policy review determined unintended oversight and gaps in the existing water policies to provide amendment to address the following:

(a) ***Use-it or Lose-it:*** *Any authorised water use (including existing lawful use) unutilised for a specified period should be reallocated to the public trust. This water will be reallocated to address social and economic equity*

(b) ***No water trading***: No form of temporary or permanent trading between authorised water users. The obligation for any holder of an entitlement to use water; if it is no longer utilised, is to surrender such use to the public trust.

(c) ***Prioritising social and economic equity*:** The ddecision making will have equity as the primary consideration. Priority will be accorded to water use authorisation applications that meet the equity requirement, as provided in the regulatory instruments.

(d) ***Multiple water use approach in planning*:** A multiple water use approach incorporating all water uses in an area including water supply, must be adopted in planning of bulk water infrastructure. This approach will also have equity and transformation as a priority

(e) ***Access to basic water supply*:** A water service authority (WSA) should work progressively or incrementally towards providing higher levels of a sustainable water supply to all households and public institutions, including rural areas. When planning, a WSA must consider a basic water supply which addresses current domestic and productive use requirements, as well as future growth in these requirements

(f) **Free basic water supply to indigent households:** Free basic water supply will be provided to indigent households only.

1.2.2 National Sanitation Policy (2016) : the policy review addresses the entire sanitation value chain (namely the collection, removal, disposal or treatment of human excreta and domestic wastewater, and the collection, treatment and disposal wastewater) . The figure below indicates the categories under the seven (7) pillars of the policy

1.2.3 Other water and sanitation policies and strategies include the following:

(a) White Paper on Water Supply and Sanitation (1994)

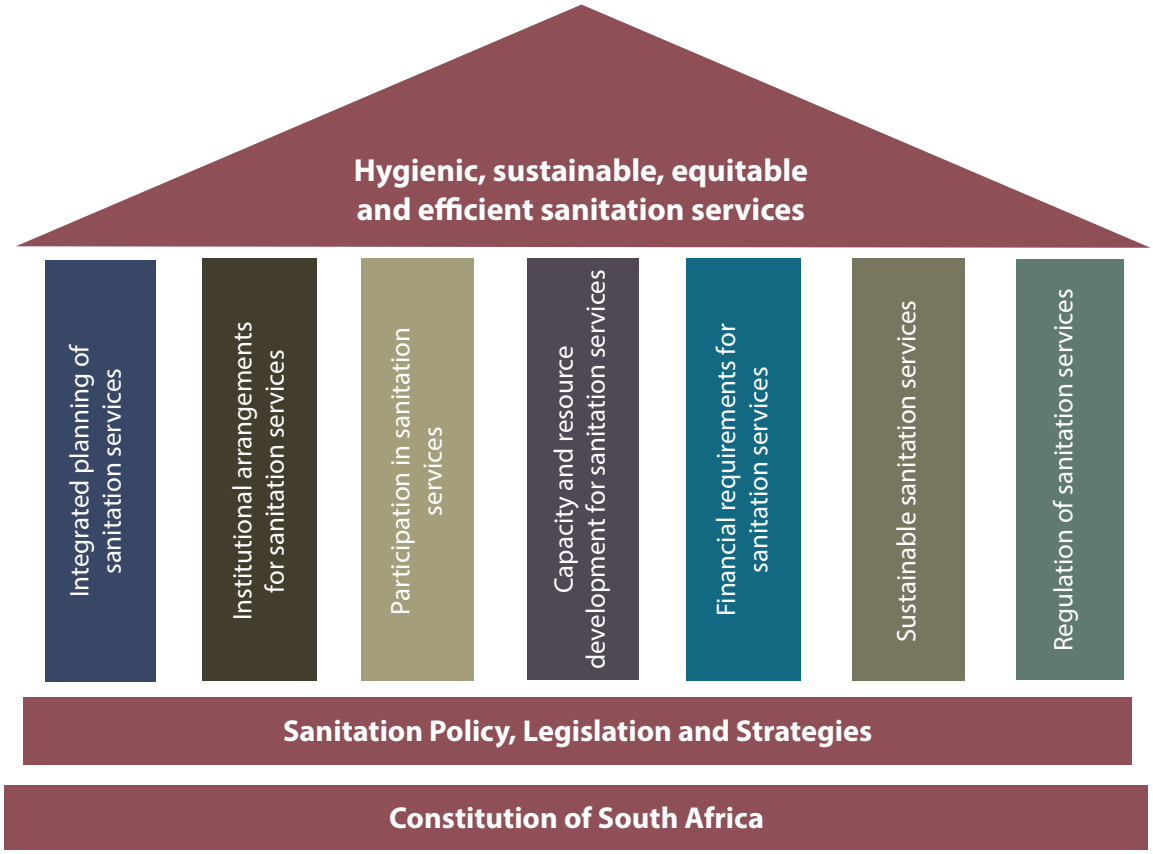
(b) White Paper on National Water Policy for South Africa (1997)

(c) White Paper on Basic Household Sanitation (2001)

(d) Strategic Framework for Water Services (2003)

(e) National Water Resources Strategy, Second Edition (2013)

(f) Water and Sanitation Climate Change Policy (2017)



1.3 Legislative and policy mandates for cross cutting priorities

1.3.1 Employment Equity Act 55 of 1998: section 20(1) .

1.3.2 Preferential Procurement Policy Framework Act 5 of 2000.

1.3.3 The Broad-Based Black Economic Empowerment Act 53 of 2003.

1.3.4 National Youth Policy 2015-2019

1.3.5 Youth Accord Pillars: (Youth Employment Accord April 2013)

1.3.6 South African National Policy Framework for Women Empowerment and Gender Equality (NPFWEGE) , 2000.

1.3.7 Job Access Strategic framework for recruitment, employment and retention of people with disabilities (2006 – 2010) .

1.3.8 Spatial Planning and Land Use Management Act of 2013

1.3.9 White Paper on the Rights of People with Disabilities in South Africa 2016.

2 Institutional policies and strategies over the five year planning period

The National Development Plan (NDP) predicts that before 2030, all South Africans will have affordable, reliable access to sufficient safe water and hygienic sanitation[1]. The Industrial Policy Action Plan (IPAP) also sets out the intentions of South Africa in terms of expanding the manufacturing sector, which will increase water demand. To balance requirements and supply, South Africa will therefore need to reduce water demand, as well as increase supply for a growing population and economy in order to ensure water security.

[1] *Source: National Development Plan 2030, National Planning Commission (2012: 178)*

2.1 **Mine Water Management policy:** the policy seeks to balance the mining sector's economic development with the protection and ensuring sustainable use of water resources in a manner that is beneficial to all. It will provide a coherent and integrated South African approach for sustainable mine water management by building on existing strengths; addressing gaps / weaknesses and seizing identified opportunities relating to mine water management (including acid mine drainage) .

2.2 **Sustainable Hydropower Generation policy**: the policy aims to support the long term energy master plan that pursues hydropower as part of the energy mix. In addition, it would provide policy positions on the establishment and development of hydropower from infrastructure owned by the DWS as part of long term interventions that support and contribute towards sustainable power supply in South Africa.

2.3 **Integrated Water Quality Management policy**: the policy seeks to develop an intergovernmental water quality management approach which would facilitate an integrated response to address water quality management challenges in the country. The policy would strengthen the existing integrated water quality management strategy that identified priority programmes to be implemented country-wide.

2.4 **National Water and Sanitation Bill**: this is a consolidation of the National Water Act, 1998 (NWA) and the Water Services Act, 1997 (WSA) to a single legislation. It will clarify the legislative framework regarding water management across the water and sanitation value chain. It will further obviate the need for cross reading between the NWA and the WSA.

2.5 **National Water Resource Strategy third edition (NWRS-3)** : (NWRS) provide the framework for the protection, use, development, conservation, management and control of water resources for the country as a whole.: the NWA requires the review of the NWRS at intervals of not more than five (5) years and this is the third edition of National Water Resources Strategy (NWRS-3) .

2.6 **Review of the water pricing strategy**: 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. One of the major changes of the review is to replace the Return on Asset to Future Infrastructure Built Charge over 10 year rolling period.

2.7 **National Water and Sanitation Master Plan**: The development of the National Water and Sanitation Master Plan (NW&SMP) was launched by the Deputy Minister of Water and Sanitation during the National Dialogue held on 22 May 2017. The NW&SMP operationalizes the NWRS and aims at mobilising the commitment and efforts of all role players and stakeholders in the water and sanitation sector towards collectively achieving the desired future state of the sector, as defined by the Government's vision, goals and targets until 2030 (NDP, SDG's, MTSF's and other key drivers) . It will provide a critical overview of the present state in the sector and the key challenges it is currently facing, together with a consolidated plan of actions required to enable the achievement of the set targets. The plan of actions will include a detailed schedule of consolidated and prioritised interventions, actions, investments, projects and initiatives. For each action, the plan will define specific intermediate and final targets, the parties responsible for their achievement, the deadlines for delivery and the estimated costs or other required resources. The achievements will be monitored and evaluated annually by a dedicated PMU managed by the DWS. The NW&SMP will be a living document, which will be updated bi-annually to reflect the dynamics in the sector.

3 Relevant court rulings

Constitutional Court Case: Mazibuko and others vs. City of Johannesburg and Others (CCT 39/09) (2009) ZACC. In this case the Constitutional Court recognised that water is life and that everyone has the right to sufficient water.

PART B:
OUR STRATEGIC FOCUS

4 Updated situational analysis

A number external and internal environment matters affect the department's ability to deliver on its mandate. Some of these present various challenges and opportunities impacting on its operations influencing planning decisions and the required trade-offs. This results in the prioritisation of certain interventions and programmes over others taking into consideration the required resourcing and associated risks.

4.1 External environment

Water crises are identified as one of the global risks in terms of societal impact. These are defined as a significant decline in the available quality and quantity of fresh water, resulting in harmful effects on human health and / or economic activity[2]. There is a probability of the water crises in South Africa due to insufficient investment in water infrastructure; poor maintenance in existing water infrastructure; recurrent droughts driven by climatic variation; inequities in access to water and sanitation; deteriorating water quality, and a lack of skilled water engineers. These water crises are exacerbated by climate change which continues to present changes in temperature, precipitation and extreme weather events having a detrimental effect on both local and international confidence. The persistent challenges related to water security in South Africa are summarised below:

Increasing water demand and declining supply

South Africa has an arid to semi-arid climate, with a mean annual rainfall of 500 mm as compared to the world average of 860mm. This rainfall produces a total annual runoff of approximately 49 000 million m^3/a. The figure below indicates that 65% of South Africa has a mean annual rainfall of less than 500mm and 21% of the country with a mean annual rainfall of less than 200mm. The country therefore experiences severe and prolonged hydrological droughts, which may last as long as 10 years at a time.

[2] *Source: Global Risks Report, World Economic Forum (2019: 98)*

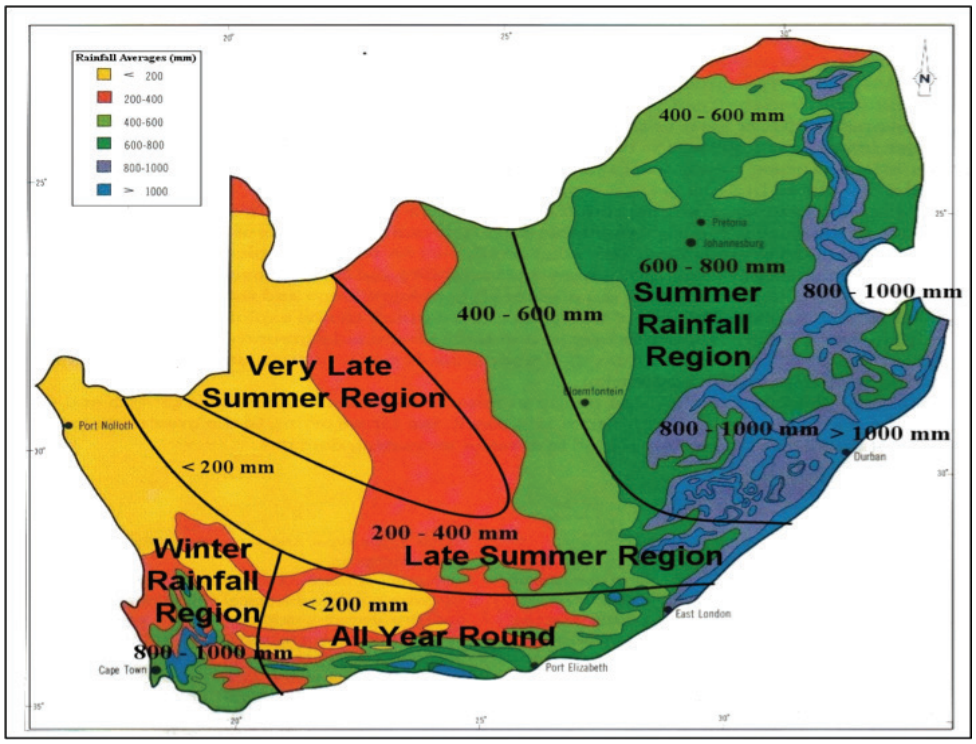


Figure 1: Climate and runoff regions
(Source: Adapted from Botai CM, Botai JO, Adeola AM. Spatial distribution of temporal precipitation contrasts in South Africa. S Afr J Sci. 2018; 114 (7/8) , Art. #2017-0391, 9 pages. http://dx.doi.org/10.17159/ sajs.2018/20170391)

The country's water security is mainly reliant on fresh surface water, with ground water and return flows underutilised. There are currently 5 551 registered dams with a total gross storage capacity of 33 291[3] million m^3. Of these registered dams, 4 294 are small (i.e. less than 12m) serving farms and municipalities. These smaller dams play a critical role in local water security and climate resilience. The total national potential for accessible groundwater, on the other hand, is approximately 4 500 million m^3/a; of which between 2 000 and 3 000 million m^3/a, is being utilised.

The 2019 national demand for water requirements is 10 233 million m^3/a; with the current reliable national yield of surface water at an acceptable assurance of supply at approximately 10 137 million m^3/a. This means there is a nation deficit of 96 million m^3/a; in other words the demand is exceeding supply. Although there is a national deficit, there are certain areas with surpluses; water is transferred through the transfer schemes to service the demand areas. Due to the skewed nature of the strategic water source areas, large transfer schemes have been developed to service various demand centres. Water is therefore managed through catchment areas rather than political boundaries.

Agriculture is the largest water use at 61%, followed by municipal use at 27% (including industrial and commercial users provided from municipal systems) , with power generation, mining and bulk industrial use, livestock and conservation and afforestation jointly making up the remaining 12%. The assurance level at which agricultural water is supplied is lower than for other sectors at 90%. Water for power generation is seen as strategically important and is provided with the highest assurance of supply at 99.5%; which translates to 1: 200 year risk of failure.

[3] *Note: The total gross storage capacity is not an indication of the dam's current level but the design storage capacity when the dam is full (i.e. 100% storage) .*

Agricultural consumption is largely unmetered, and there are concerns about unauthorised abstraction and water wastage in the sector. In addition, agricultural users pay a much lower tariff than other users of untreated water and the relatively cheap water has not incentivised the adoption of water efficient irrigation practices. However, the agricultural sector is important in terms of jobs and contribution to the GDP. The value of primary agricultural production in South Africa was R263, 2 billion in 2016.

The domestic sector has high water use partly due to municipal non-revenue water which is currently at 41%. Non-revenue water includes all water supplied that is not paid for, including physical water losses through leaks in the distribution system, illegal connections, unbilled consumption and billed, but unpaid for water use. While figures vary greatly between municipalities and services providers, average physical losses in municipal systems are estimated to be around 35%, against a global best practice in the order of 15%.

The Industrial Policy Action Plan (IPAP) sets out the intentions of South Africa in terms of expanding the manufacturing sector, which will increase water demand in this sector, and which has the potential to increase water pollution if not appropriately regulated.

To balance requirements and supply, South Africa will need to reduce water demand, as well as increase supply for a growing population and economy in order to ensure water security by 2030. Without demand management, currently planned infrastructure development and the broadening of the water mix will not be sufficient to balance supply and demand. However, if the targets of reducing physical losses in municipal systems are reached, as well as a reduction in the per capita consumption to the global average, in addition to the surface and groundwater supplies, and desalination, re-use and treated AMD, there will be a slight surplus available in 2030.

Deteriorating water ecosystems

South Africa's aquatic ecosystems include seven of the world's freshwater Eco regions, and are characterised by a wide range of river, wetland and estuarine ecosystem types. Many of these aquatic ecosystems make up the country's ecological infrastructure (i.e. nature's equivalent of built infrastructure) that generates and delivers benefits in the water value chain. Ecological infrastructure is currently an under-realised asset that can play a significant role in enhancing returns-on-investment in built infrastructure (e.g. dams) , especially if its maintenance is explicitly incorporated into the planning and construction of built infrastructure.

Most of South Africa's freshwater come from catchments that receive the highest rainfall (i.e. strategic water source areas) . There are 22 strategic water source areas occupying 8% of the land, however these provide 50% of the surface run-off (i.e. water in wetlands, streams and rivers) . The strategic water source areas support the water needs of approximately 60% of the population, 67% of the national economic activity[4] and supply approximately 70% of irrigation water.

[4] *Source: Centre for Environmental Rights, https://cer.org.za/news/why-we-must-protect-south-africas-water-source-areas-now.*

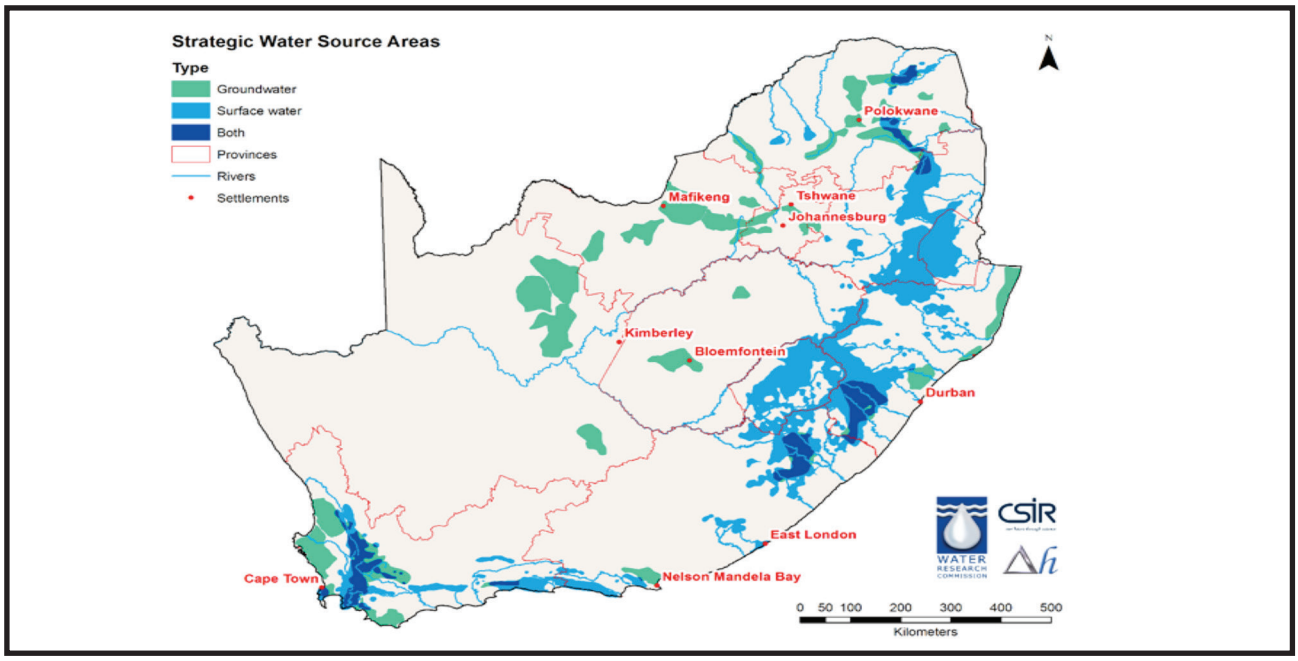


Figure 2: Spatial distribution of strategic water source areas
(Source: National Water and Sanitation Master Plan Volume 1, 2018: 36)

Many of the high value aquatic ecological infrastructure assets are poorly protected, and in some areas of the country are under severe pressure, from intensive agriculture, mining and urban sprawl that results in loss or degradation of ecosystems. Like built infrastructure, ecological infrastructure needs to be maintained, and in some cases restored, in order for its socio-economic benefits to be realised.

It is estimated that South Africa has lost over 50% of its wetlands, and of the remaining 3.2 million ha (less than 5% of SA's land cover) a third are already in a poor condition limiting their ability to *inter alia* regulate water flow and purify water. The loss and degradation of ecological infrastructure negatively affects system yield and increases water-related risks. Degraded wetlands, for example, lose their ability to release water in times of drought, or to recharge groundwater supplies. Degraded ecological infrastructure increases the vulnerability of people and built infrastructure to floods and increases maintenance and repair costs on built infrastructure. It is often more cost effective to rehabilitate ecological infrastructure than to be faced with an ongoing need to repair or replace built infrastructure.

Unreliable water and sanitation services

Section 27(1) (b) of the Constitution indicates that "*everyone has the right to have access to sufficient water*" with section 10 indicating "*everyone has inherent dignity and the right to have their dignity respected and protected*"; which also applicable to sanitation.

In 1994, 15.2 million people were estimated to have no access to basic water supply and an estimated 20.5 million lacked basic sanitation. Twenty-five years later there is significant progress with 95% of the population provided with access to a basic water supply and basic sanitation service is provided to 79% of the population.

Despite these achievements, more than 3 million people are estimated not have access to a safe and reliable water supply and an estimated 14.1 million people do not have access to safe sanitation. In addition, the reliability of services to the country's households has declined to an estimated at 57% as a result of *inter alia* aging infrastructure and poor operations and maintenance.

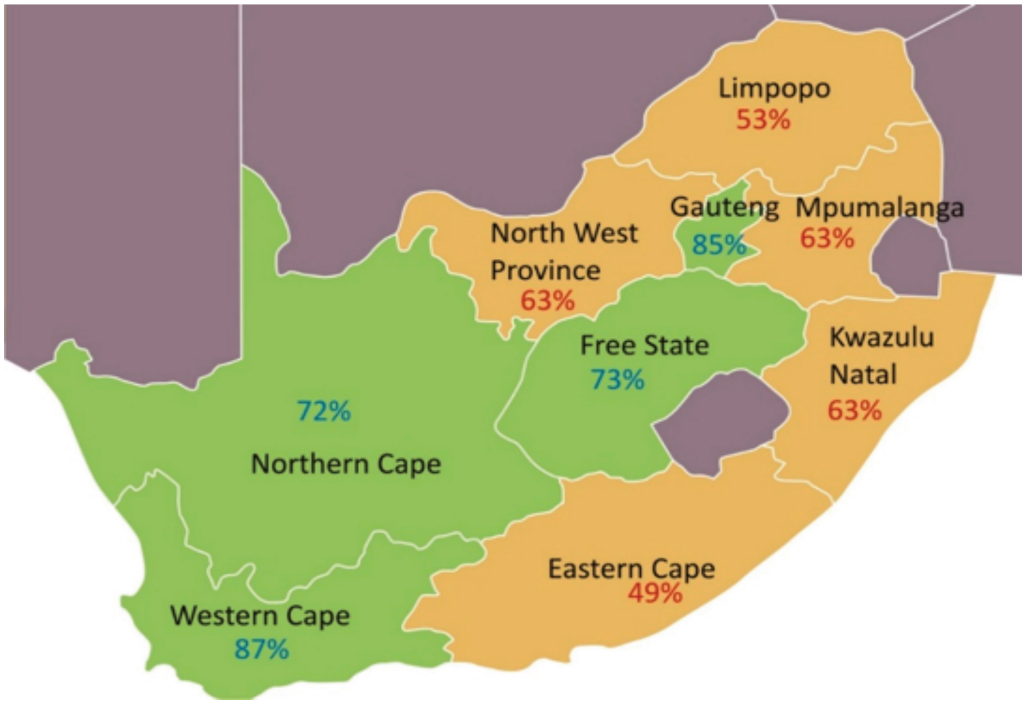


Figure 3: Reliability of water supply and sanitation services per province (Source: National Water and Sanitation Master Plan Volume 1, 2018: 21)

The failure of some water service authorities (municipalities) to provide reliable water and sanitation services is largely due to the lack of technical skills; institutional capacity and funding to operate, maintain and manage water and waste water infrastructure assets properly. Furthermore, is the limited budget allocated by some municipalities for operations and maintenance relative to new capital works; poor revenue management; and the failure to employ suitably qualified technical staff members. In addition, the national infrastructure grant funding mechanisms incentivise the building of new infrastructure, rather than the maintenance of existing infrastructure.

A case in point is the operations and maintenance of the country's water treatment works (WTW) and wastewater treatment works (WWTW) . Approximately 56% of the over 963 WWTW and approximately 44% of the 1 010 WTWs are in poor or critical condition and in need of urgent rehabilitation. The poor state of water and wastewater treatment has significant implications for public health. In 2017, there were 2.8 million households in South Africa that utilised unimproved sanitation including 280,791 households which practised open defecation (STATS SA, 2018) .

The constitutional water supply and sanitation services responsibility lies with 144 municipalities that are water services authorities (WSA) . At least 33% of these municipalities are regarded as dysfunctional and more than 50% have no or very limited technical staff. The 27 priority district municipalities have been identified as being particularly dysfunctional and requiring specific intervention.

In addition, many of the smaller and/or rural municipalities are faced with financial challenges. The socio-economic profile of South Africa is highly variable with 63% of households earning less than R38 000 per year (and therefore classified as indigent) . Municipalities with high levels of indigent households are dependent on national grants to provide reliable and affordable water and sanitation services. In rural and/or smaller municipalities, the proportion of indigent household's averages 77%. It is consequently difficult for municipalities with a low revenue base to address their backlogs and to allocate sufficient funds for maintaining and operating existing works. In some areas, major water infrastructure runs through rural areas without supplying them (such as the Tugela-Vaal scheme) .

Statistics South Africa estimates the mid-year population for South Africa in 2019 at 58, 78 million; of which 51.2% (approximately 30 million) is female and 28.8% is younger than 15 years[5] which reinforces the importance of investing in women and youth. In addition, high rates of urbanisation have a major impact on the demand for water supply and sanitation services.

Inequitable water allocation

The national water and sanitation policies and legislation mandate the water sector to provide universal and equitable access to reliable water supply and sanitation service. The sector is also mandated to protect, manage and develop the nation's water resources in a manner that supports justifiable and ecologically sustainable economic and social development and to transform access to water to redress racial imbalances.

Transformation is critical in ensuring that water for productive used for purposes is equitable; governance of water is representative; there is access to decent water and sanitation services for all. Despite both policy and legislative tools intended to enable the transformation of water allocation to redress the historical racial discrimination in access to water, little has been achieved since the National Water Act (NWA) was promulgated in 1998. This is particularly true in the agricultural sector, where around 95% of the water is estimated to be used by white commercial farmers.

The Existing Lawful Use (ELU) was intended as a transitional arrangement. However, 20 years after the NWA was promulgated, ELUs authorise the biggest volume of water used in the country.

While the restitution of agricultural land has been slower than intended, the reallocation of water has not always even kept pace with the transfer of that land. In some instances, the previous owners traded away their existing lawful water use rights, so that the water allocation was not transferred to land reform beneficiaries. According to The Institute for Poverty, Land and Agrarian Studies, more than 70% of commercial farms in the country are estimated to be owned by white farmers with about 39 000 white commercial farmers and 5 300 black farmers, according to the African Farmers Association of South Africa. Most of the black commercial farmers have relatively smaller farms.

The demand for land reform is high on the political agenda and will remain so until adequately addressed. Within the land reform programme, the transfer of some irrigable land without a water allocation has limited the ability of recipients to make productive use of the land. In addition, there are black farmers and entrepreneurs who have expressed their concerns about lack of access to water, and the challenges in getting water allocated for farming and enterprise development. The pressure to reallocate water to achieve more equitable water use thus remains high.

Weak regulation of the water and sanitation sector

Strong regulation is critical to achieve water security in South Africa, in terms of water quality (in rivers and taps) , balancing demand and supply, ensuring the safety of dams, and being resilient to climate change impacts. Authorisation for water abstraction, waste discharge, and dam safety, and setting the charges for the use of raw water and the discharge of effluent are some of the tools used by the Department to regulate the water and sanitation sector.

Standards for water and sanitation services provision and associated tariffs are also governed by the Municipal Systems Act and the Municipal Finance Management Act. There are significant challenges in ensuring that WSA set appropriate tariffs that cover costs, including operation and maintenance costs, and that promote water use efficiency.

In addition to the national water and sanitation policies and legislation, WSAs are responsible for developing by-laws that, amongst others, enable regulation of water supply and sanitation provision and use within its area of jurisdiction. The South African Bureau of Standards (SABS) also sets several water quality standards for the water sector, including drinking water standards (SANS 241) and other relevant guidelines.

[5] ***Source: Mid-year population estimates, Statistics South Africa (2019: 5)***

Despite strong regulatory tools in the legislation, the quality of raw water continues to deteriorate across the country in many parameters as depicted in figure 4 below. This deterioration poses a threat to economic growth, social development, health and hygiene and aquatic ecological functioning. Poor raw water quality increases the costs of treatment for domestic and industrial use. It also negatively impacts agricultural production.

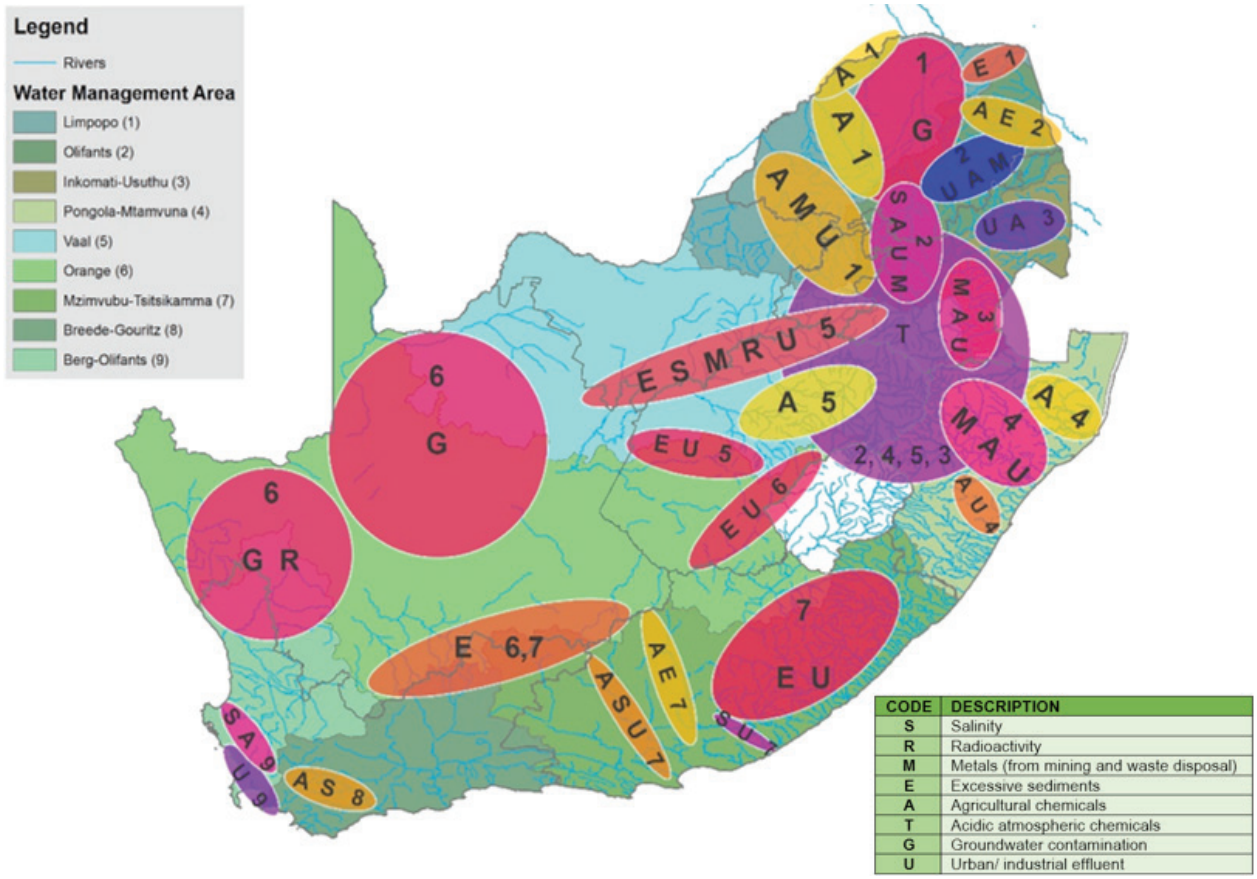


Figure 4: Water quality problems in the country
(Source: National Water and Sanitation Master Plan Volume 1, 2018: 30)

A case in point is the failure of some WSAs to deliver the requisite level of water supply and sanitation. This failure to meet drinking water quality standards is exacerbated by the cessation of the Blue, Green and No Drop assessments. In the 2014 Blue Drop assessment, 86% of WSAs achieved good or excellent status for microbiological water quality compliance, but only 70% achieved good or excellent status for water quality operational compliance.

The dam safety regulation is also severely strained owing to limited qualified personnel in the country. The National Water and Sanitation Master plan indicates that there are less than 100 dam safety approved professional persons (APPs) in South Africa (approximately 1 qualified person for every 50 dams on the dam safety register) , and more than 66% of these APPs are older than 60 years of age.

The need to use the courts to impose sanctions on contraventions of water legislation hampers the ability to get speedy resolution on such matters. This is exacerbated by the overly complex water sector institutional landscape that is not sufficiently transformed and thus impacting the water value chain.

4.2 Internal environment

The assessment of the Department's resources and capabilities is essential in the realisation of this strategy. The assessment is summarised below:

Organisational alignment

The organizational structure of the Department that was approved in September 2014, after consultation with the Minister of Public Service and Administration (MPSA) and National Treasury to secure budget allocations, was outmoded and is not supportive or aligned to achieving efficiency and effectiveness in the delivery of services throughout the water sector business. The current organizational structure does not comprehensively support line management in the implementation of the mandated water resource and water supply and sanitation services functions in the country.

A Ministerial initiative introduced in July 2019, directed that the organizational structure needs to be re-examined, with special emphasis on the alignment of functional outputs of each Branch, Provincial and Cluster Operations to the mandate and strategic direction of the Department.

Whilst adhering to the above Ministerial initiative, the process of re-designing the functional organizational structure, also resulted in the review and development of the service delivery model, the mapping of business processes, standard operating procedures, service standards, a concise service delivery charter and the service delivery improvement plan. The design of the Departmental structure was guided by the five strategic pillars of the Department in line with government priorities. The review and its objectives are driven, amongst others, by government targets set out in the NDP Vision 2030, Medium Term Strategic Framework, the National Water Resource Strategy, the National Water Act, the National Water Services Act, Presidential Directives and State of the Nations Address. The Department's review of its services, capabilities and institutional configuration was informed by the following strategic pillars:

(i) National Water Resources Management;

(ii) Water Services Management;

(iii) *Water Resources Infrastructure Management;*

(iv) *Regulations, compliance and enforcement; and*

(v) *Local service delivery (Provincial level support in the delivery of services)* .

The aforementioned initiative has provided the Department with an opportunity to align its Budget Structure with the Organisational structure as well as ensuring that the complete organisational structure is funded in line with the Medium Term Expenditure Framework. As part of the implementation plan, the Department is in process of matching and placing employees against the structure and prioritising the filling of vacant posts. Implementation of the new structure is planned for 1 April 2021.

Managing data and information

The use of Information and Communication Technology (ICT) has increasingly become fundamental in aiding the department to meet its strategic objectives. Employees have become more technology savvy, therefore demand better technology and faster networks at their respective work places in order to execute their functions. The department`s intentions is to continue with the modernisation of the ICT environment. To meet these requirements there is a need to partner with line of business so as to digitise their business processes. These will include water resource monitoring value chain to use data in order to provide insight which supports evidence based decision making.

The departmental`s objectives of modernization are to migrate the critical infrastructure to modern technologies such as cloud, while ensuring adherence to information security requirements. The benefit to be derived from this migration is that the department will be able to eliminate the legacy applications and redundant and non-value adding infrastructure while also reducing the cost of ownership for IT. This will be achieved while ensuring the high availability of the current systems to support the business operations of the Department.

Financial resources

Funding of the water sector comprises capital for infrastructure development, operation and maintenance (O&M) along the water supply chain, as well as funding for governance (plan, organize, lead and control) and effective management of water and sanitation services provisioning.

The financial health of the water and sanitation sector, however, is challenged by a number of factors including but not limited to a funding gap; high non-revenue water; degradation of existing asset value; tariffs not cost reflective.

The Department funds and implements new bulk water resource infrastructure from the fiscus or through the Trans Caledon Tunnel Authority (TCTA) and collects revenue from its raw water provisioning.

Raw water billing is substantial, but revenue collection is failing. Water pricing is based on the "user-pays" principle and tariffs from users provide a significant cash inflow to the sector with billing of raw water of about R 16 billion per annum to more than 85,000 users. Billing and collection is a major administrative and operating challenge with such a large user base

Revenue management within the Department is not optimal and not properly structured/geared to address the billing and collection challenges that exist.

Bulk raw water supply to domestic and industrial users (including mines and power stations) is often metered by the bulk user and the Department is not always directly involved, making meter reading problematic and erratic, impacting on billing and revenue collection.

Municipal accounts represent about 50% of the accumulated raw water debt at DWS, while water boards add another R1,7 billion, which is mostly also due to non-payment by local municipalities

Irrigation water revenue is at 46% of billable amount. Irrigation water is poorly metered, and billing is at best described as "ad-hoc". The large irrigation schemes have established water user associations (WUAs) and irrigation boards (IRBs) , who assist the Department with operation and maintenance of water distribution to irrigable farm areas and selected towns and industries located along the canals. Currently, 47 of the 240 WUAs are also assisting the Department with revenue collection through signed "billing agent agreements".

National priorities

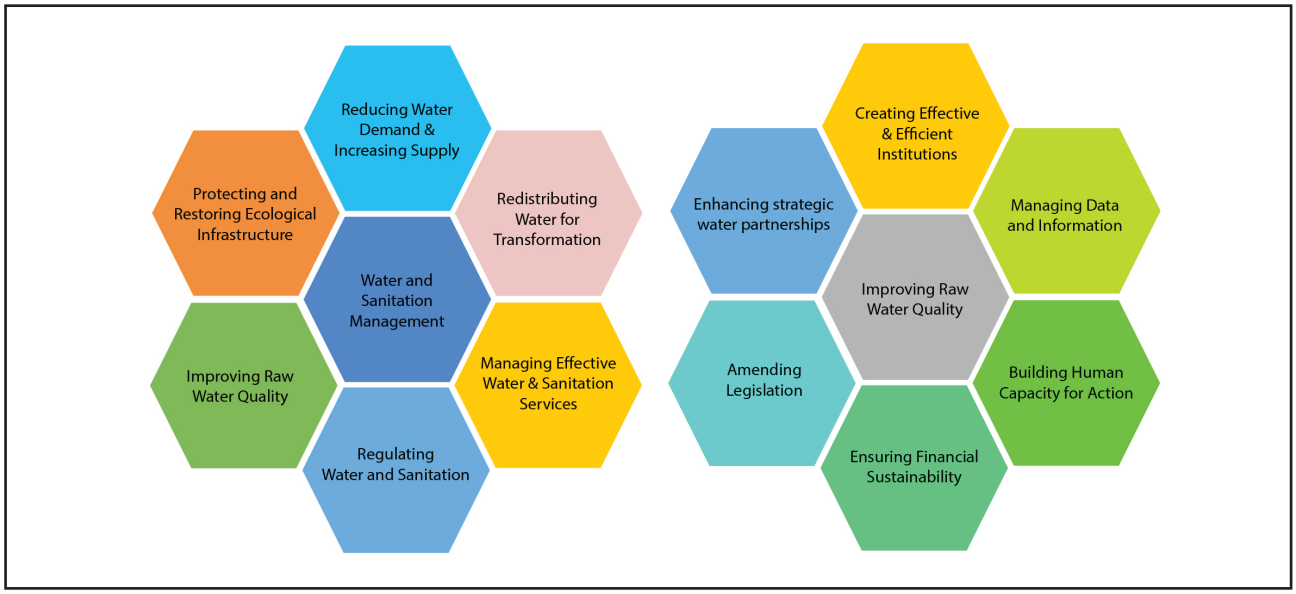


Figure 5: Water and sanitation sector priorities
(Source: National Water and Sanitation Master Plan Volume 1, 2018: 6)

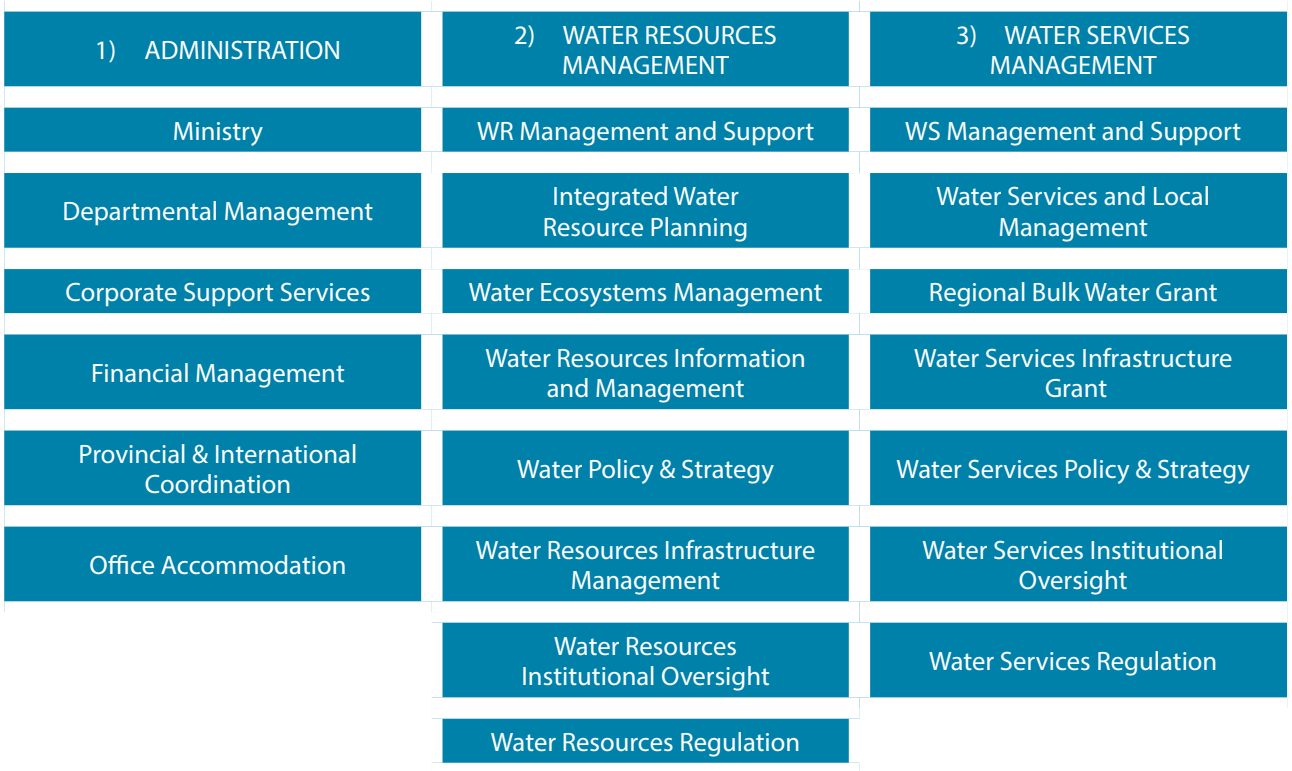


Figure 6: Budget structure of the department

5 Overview of the 2021/22 budget and medium term estimates

5.1 Expenditure estimates

Programme	Audited outcome			Adjusted appropriation	Medium term expenditure estimates		
Rand thousand	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Administration	1 998 691	1 634 006	1 836 093	1 815 292	1 950 914	1 972 498	1 980 973
Water Resources Management	2 644 606	3 108 262	3 355 411	3 454 141	3 538 027	3 567 644	3 662 356
Water Services Management	10 462 956	11 877 165	10 870 679	11 925 777	11 421 139	11 899 446	12 392 070
Total	15 106 253	16 619 433	16 062 183	17 195 210	16 910 080	17 439 588	18 035 399

5.2 Expenditure trends

The Department has been allocated budget of R16.910, R17.439 and R18.036 billion for 2021/22, 2022/23 and 2023/24 respectively over the MTEF period i.e:

Compensation of Employees

The budget for compensation of employees over the medium term is R1.805, R1.787 and R1.742 billion for 2021/22, 2022/23 and 2023/24 respectively over the MTEF period. The baseline of the Department is decreasing over the MTEF period inline with Treasury Guidelines in containing the wage bill of government. The Department will therefore ensure that strict measures are adhered to in filling vacant posts and where possible, existing posts will have to be abolished in order to maintain and remain within the baseline on compensation of employees.

Good and Services

The department received an allocation baseline of R1.691, R1.756 and R1.799 billion for goods and services for 2021/22, 2022/23 and 2023/24 respectively over the MTEF period of which R606.486, R627.349 and R641.948 million for 2021/22, 2022/23 and 2023/24 respectively is allocated for office accommodation. The major spending items on goods and services over the MTEF are Audit Fees R132.615 million, Communication Services R139.975 million, Computer Services R542.006 million, Business and Advisory Services R481.177 million, Infrastructure Services R709.776 million and Travel and Subsistence R531.626 million.

Transfers and Subsidies

The Department will continue to process transfers to the WTE for augmentation projects for the design, construction, commissioning and rehabilitation of raw water infrastructure, including dams and bulk distribution systems, operations and maintenance; Komati Basin Water Authority for the repayment of outstanding loans to various financial institutions and operational overheads. Further to these, there will be transfers relating to infrastructure projects Regional Bulk Infrastructure Grant (R6.818 billion over the MTEF) and Water Services Infrastructure Grant (R11.185 billion over the MTEF), which are based and dependent on implementation plans, cash flow projections and payment schedule for conditional grants.

Capital Payments

The baseline allocation of R13.234 billion for capital payments over the MTEF includes allocation of RBIG R10.432 billion, WSIG R2.306 billion.

These budget allocations will be prioritised towards finalisation of the Waste Charge Discharge System to give effect to the polluter-pays-principle and implementation of the National Water Act provision to prevent and remedy pollution, establishment of the Catchment Management Agencies to improve water resources management and oversight; strengthening of regulatory oversight by establishing the water sector value chain independent regulator and establishment of the National Water Resources Infrastructure Agency. The budget will further be directed towards the development and Implementation of an integrated local government intervention programme to address water and sanitation infrastructure challenges; Implementation of all priority measures of the financial recovery plan of the department and reviewing the implementation model for water infrastructure delivery.

PART C:
MEASURING PERFORMANCE

6 Institutional Programme Performance Information

6.1 Programme 1: Administration

Provides strategic leadership, management and support services to the Ministry and the Department through various activities such as financial management, shared corporate support services, as well as the coordination of water resources between neighbouring countries.

6.1.1 Sub-programmes

Ministry

Provides for administrative support to the Minister, the Deputy Minister and their support staff, as well as making provisions for their salaries

Departmental Management

Provides policy and strategic direction for water and sanitation management including independent, objective assurance and advisory services to improve the department's operations such as risk management and internal audit.

Corporate Support Services

Provides enterprise-wide needed support based on specialised services such as human resources management, legal services, communications, corporate planning, monitoring and evaluation as well as and technology to serve internal customers.

Financial Management

Provides for planning, organising, controlling and monitoring financial resources with a view to achieve organisational goals and objectives.

Provincial and International Coordination

Provides for the coordination of international relations on water and sanitation with neighbouring countries, salaries and operational budgets for the Department's regional office heads

Office Accommodation

Makes payments for rental charges on all leased office space occupied by the department, and for municipal services such as electricity, water, and sewage and waste removal.

6.1.2 Outcomes, outputs, performance indicators and targets

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
1	Efficient, effective and development orientated department	1.1	Compliance with corporate governance regulatory prescripts	1.1.1	Percentage compliance with approved audit plan	New indicator	New indicator	New indicator	100%	80%	80%	80%
				1.1.2	Percentage compliance with the implementation of risk management plan	New indicator	New indicator	New indicator	100%	100%	100%	100%
				1.1.3	Percentage vacancy rate for engineers and scientists	120% filled over establishment (i.e. 746 filled out of 622 posts)	117% (i.e. 738 filled out of 629 permanent posts)	112% filled (i.e. 742 posts filled out of 662 permanent posts)	≤10%	≤10%	≤10%	≤10%
				1.1.4	Percentage of training interventions implemented in the department	New indicator	New indicator	New indicator	New indicator	50%	50%	50%
				1.1.5	Number of safety and security assessments for facilities and installations conducted	New indicator	New indicator	New indicator	64	64	64	64
				1.1.6	Percentage of information technology systems availability	New indicator	New indicator	New indicator	90%	90%	90%	90%

Outcome	Outputs		Output Indicators		Annual Target						
					Audited / Actual performance			Estimated perfor-mance 2020/21	MTEF Period		
					2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
	1.2	Annual Communication, Stakeholder Management and Partnership Programme implemented	1.2.1	Percentage implementation of the 2021/22 Annual Communications, Stakeholder Management and Partnership Programme	Annual assessment of progress against the partnership, communications and stakeholder relations	Communications related activities implemented	133%	96%	97%	98%	98%
	1.3	Targeted procurement supporting SMMEs	1.3.1	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)	15%	11%	32%	15%	15%	15%	15%
				a) Women	-	-	-	-	40%	40%	40%
				b) Youth	-	-	-	-	30%	30%	30%
				c) People with disabilities	-	-	-	-	7%	7%	7%
			1.3.2	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)	15%	46%	50%	15%	15%	15%	15%
				a) Women	-	-	-	-	40%	40%	40%
				b) Youth	-	-	-	-	30%	30%	30%
				c) People with disabilities	-	-	-	-	7%	7%	7%
	1.4	Financial recovery and turnaround plan implemented	1.4.1	Percentage implementation of the financial recovery and turnaround plan	New indicator	New indicator	New indicator	100%	90%	100%	100%

Outcome	Outputs		Output Indicators		Annual Target						
					Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
					2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
			1.4.2	Percentage expenditure on annual budget	97%	98%	92%	100%	100%	100%	100%
			1.4.3	Number of debtor days	232 days	191 days	207 days	120 days	120 days	100 days	80 days
	1.5	Annual International Relations Programme implemented	1.5.1	Percentage implementation of 2021/22 annual International Relations programme	Annual analysis on the implementation of the approved Africa and global international relations programme	Signed terms of reference sent to Water Aid for perusal and further action	Annual analysis on the implementation of the approved international relations programme	75%	75%	75%	75%

6.1.3 Indicators, annual and quarterly targets

Departmental Management sub-programme

Output Indicators		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.1.1	Percentage compliance with approved audit plan	80%	20%	40%	60%	80%
1.1.2	Percentage compliance with the implementation of risk management plan	100%	100%	100%	100%	100%

Corporate Support Services sub-programme

Output Indicators		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.1.3	Percentage vacancy rate for engineers and scientists	≤10%	≤10%	≤10%	≤10%	≤10%
1.1.4	Percentage of training interventions implemented in the department	50%	10%	25%	35%	50%
1.1.5	Number of safety and security assessments for facilities and installations conducted	64	16	16	16	16
1.1.6	Percentage of information technology systems availability	90%	90%	90%	90%	90%
1.2.1	Percentage implementation of the 2021/2022 Annual Communications, Stakeholder Management and Partnership Programme	97%	23%	48%	71%	97%

Financial Management sub-programme

Output Indicators			Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
Main Account milestones							
1.3.1.1	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)		15%	15%	15%	15%	15%
	a)	Women	40%	40%	40%	40%	40%
	b)	Youth	30%	30%	30%	30%	30%
	c)	People with disabilities	7%	7%	7%	7%	7%
1.3.2.1	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)		15%	15%	15%	15%	15%
	a)	Women	40%	40%	40%	40%	40%
	b)	Youth	30%	30%	30%	30%	30%
	c)	People with disabilities	7%	7%	7%	7%	7%
1.4.1	Percentage implementation of the financial recovery and turnaround plan		90%	69%	79%	86%	90%
1.4.2	Percentage expenditure on annual budget		100%	21%	49%	78%	100%
Water Trading milestones							
1.3.1.2	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)		15%	15%	15%	15%	15%
	a)	Women	40%	40%	40%	40%	40%
	b)	Youth	30%	30%	30%	30%	30%
	c)	People with disabilities	7%	7%	7%	7%	7%
1.3.2.2	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)		15%	15%	15%	15%	15%
	a)	Women	40%	40%	40%	40%	40%
	b)	Youth	30%	30%	30%	30%	30%
	c)	People with disabilities	7%	7%	7%	7%	7%
1.4.3	Number of debtor days		120 days	180	160	140	120

Provincial and International Coordination sub-programme

Output Indicators		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
1.5.1	Percentage implementation of 2021/22 annual International Relations programme	75%	75%	75%	75%	75%

6.1.4 Reconciling performance targets with the budget over the medium term

Sub-programme	Audited outcome			Adjusted appropriation	Medium term expenditure estimates		
Rand thousand	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Ministry	56 057	57 089	56 410	40 355	52 030	52 048	51 686
Departmental Management	96 049	98 293	142 718	166 946	146 862	146 871	145 321
Corporate Services	1 197 346	671 428	764 236	729 157	832 945	837 410	842 105
Financial Management	204 716	254 112	267 079	264 046	266 914	266 863	259 647
Office Accommodation	367 505	474 994	481 378	518 980	544 446	561 128	574 431
Provincial and International Coordination	77 018	78 090	124 272	95 808	107 717	108 178	107 783
Total	**1 998 691**	**1 634 006**	**1 836 093**	**1 815 292**	**1 950 914**	**1 972 498**	**1 980 973**

6.2 Programme 2: Water Resources Management

Is responsible for the protection, use, development, conservation, management and control of water resources in a sustainable manner for the benefit of all people and the environment. It provides for the development of a knowledge base for proper planning and informed decision making. It also provides for the development of effective policies and procedures as well as oversight of all water resource management institutions

6.2.1 Sub-programmes

Integrated Water Resource Planning

Develops comprehensive plans for adequate water resource availability (quantity/ quality) in an equitable and environmentally sustainable manner to guide infrastructure development, systems and services management in the water sector.

Water Ecosystems Management

Develops and implements measures to protect water resources through determining measures to manage water resources and developing guidelines and protocols for pollution control and rehabilitation.

Water Resource Information and Management

Establish, coordinate and audit water resources monitoring networks /programmes; and develop & maintain integrated water information systems for data and information acquisition, assessment and management in order to create a knowledge base on all water aspects for informed decisions on water management.

Water Resources Infrastructure Management

Develops, rehabilitates and refurbishes bulk raw water resources infrastructure to meet the socio-economic and environmental needs of South Africa.

Water Resources Policy & Strategy

Develops water resources management policies and procedures and reviews the implementation thereof. This entails periodical review of the National Water Resource Strategy

Water Resources Institutional Oversight

Responsible for institutional governance and oversight of all water resource institutions and to facilitate their establishment and development. This entails establishing fully functional entities; providing institutional support, advisory services to CMAs, TCTA, WRC and WUAs.

Water Resources Regulation

Develops, implements, monitors and reviews water resource regulations particularly raw water pricing regulation; water use authorisation; compliance monitoring and enforcement; dam safety and resource protection and waste.

Water Resource Management Support

Provides strategic leadership, management and support services to the programme as well as making provisions for associated salaries.

6.2.2 Outcomes, outputs, performance indicators and targets

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
2	Ecological infrastructure protected and restored	2.1	Water resource classes and Resource Quality Objectives determined and monitored	2.1.1	Number of river systems with water resources classes and determined resource quality objectives	1 • (Mvoti-Mzimkulu)	0	2 • Breede Gouritz, • Mzimvubu	0 • (Draft report for Water Resource Classes (Thukela)	0 • (Review the implementation plan for the water resource classes and the RQOs (Thukela)	1 Thukela	0 • Review draft Water Resource Classes report (Usutu to Mhlathuze) • EWR Quantification report (keiskamma) • Draft Operational Scenarios and consequences report (Levhubu catchment)
				2.1.2	Number of river systems monitored for the implementation of resource directed measures	-	-	-	-	2 river systems monitored: • Inkomati-Usutu • Berg Olifants Doorn WMA	2 river systems monitored: • Crocodile West & Marico • Limpopo	2 river systems monitored • Lower Orange • Upper Orange & Middle Vaal
				2.1.3	Number of rivers in which the River Eco-status Monitoring Programme is implemented	92	71	76	59	81	78	81

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
		2.2	Waste water management plans developed and implemented	2.2.1	Number of catchment strategies and plans developed for mine water and wastewater treatment works	1 • (i.e. Inkomati-Usutu WMA)	Mitigation strategy developed for the Pongola-Mtamvuna WMA	1 • Crocodile (West) -Limpopo	2 • Orange and • Mzimvubu-Tsitsikama WMA	2 • Upper Vaal • Crocodile	2 • Olifants • Limpopo	2 • Inkomati-Usuto • Pongola-Mtamvuna
				2.2.2	Number of catchment plans implemented for mine water and wastewater management	0	0	0	0	1 (Vaal) Mine water / waste water management plans monitored for implementation	2	2
				2.2.3	Waste Discharge Charge System (WDCS) piloted country wide	-	-	Review of existing gap analysis on WDCS	Development of the methodology and management approach to implement the WDCS	Pilot WDCS in 3 WMAs • Vaal • Crocodile (West) - Limpopo • Olifants	Determine the effectiveness of the WDCS in the 3 WMAs and Review the Methodology	Implement WDCS in 3 WMAs • Vaal • Crocodile (West) Limpopo • Olifants
3	Water demand reduced and water supply increased	3.1	Integrated water resource plans / measures developed	3.1.1	National Water and Sanitation master plan (NWSMP) updated	Draft National Water and Sanitation Master Plan	Master Plan developed	Updated National Water and Sanitation Master Plan (NWSMP) and Operation Phakisa Implementation	Annual update of the Water and Sanitation Master Plan (NWSMP)	Annual update of the Water and Sanitation Master Plan (NW&SMP)	Annual update of the Water and Sanitation Master Plan (NW&SMP)	5 year Review and Update of the National Water and Sanitation Master Plan (NW&SMP)

Outcome	Outputs	Output Indicators		Annual Target						
				Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
				2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
		3.1.2	Number of reconciliation strategies completed for various systems (WSS)	-	New Indicator	1 • Algoa WSS	2 • Mbombela WSS • Richards Bay WSS	2 • Integrated Vaal WSS • Western Cape WSS	0 • (Annual monitoring report for Mgeni, Amathole, Orange, Crocodile West)	4 • Mgeni • Amathole • Orange • Crocodile West
		3.1.3	Number of operating rules and specialist strategy studies completed annually for various water supply systems	-	-	Annual Operating Rules for 6 large water supply systems • Vaal WSS • Western Cape WSS • Mgeni WSS • Algoa WSS • Amathole WSS • Polokwane WSS	Annual Operating Rules for 6 large water supply systems • Vaal WSS • Mgeni WSS • Algoa WSS • Amathole WSS • Crocodile West WSS • Polokwane WSS	Annual Operating Rules for 8 large water supply systems • Vaal • Western Cape • Mgeni • Algoa • Amathole • Crocodile West • Polokwane • Orange WSSs	Annual Operating Rules for 9 large water supply systems • Vaal • Western Cape • Mgeni • Algoa • Amathole • Crocodile West • Polokwane • Orange • Olifants WSSs	Annual Operating Rules for 10 large water supply systems • Vaal • Western Cape • Mgeni • Algoa • Amathole • Crocodile West • Polokwane • Orange • Olifants . • Mhlathuze WSSs
		3.1.4	Number of updates climate change for Risk and Vulnerability Assessments completed annually for various water supply systems	• Olifants • Limpopo • Inkomati-Usuthu • Mzivubu-Tsitsikama	-	2 • Mzimvubu-Tsitsikama WMA (Fish-Tsitsikama & Mzimvubu-Keiskamma catchments) • Vaal System	2 • Orange WMA • Limpopo Olifants and Inkomati Usuthu WMA	2 • Pongola-Umzimkhulu WMA • Berg-Olifants and Breede – Gouritz WMA	-	-

Outcome	Outputs		Output Indicators		Annual Target						
					Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
					2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
			3.1.5	Number of completed Record of Implementation Decisions (RID) for bulk raw water planning projects	17 • bulk water supply and sanitation services infrastructure project plans completed (i.e. 4 RIDs and 13 IRS)	0 RID	5	0 • (Annual status report on progress (Xhariep Pipeline)	0 • (Annual monitoring and evaluation report for Xhariep Pipeline, Clanwilliam Bulk Conveyance Infrastructure and Lower Coerney Balancing Dam)	2 • Clanwilliam Bulk Conveyance Infrastructure Lower Coerney Balancing Dam • (Annual monitoring and evaluation report for Xhariep Pipeline)	3 • Mangaung Water Project: Xhariep Pipeline • Breede-Berg (Mitchells Pass) Water transfer scheme • Lower Orange River Project (Vioolsdrift / Noordoewer Dam)
	3.2	7 water resources monitoring programmes and 6 information systems reviewed and maintained by 2025	3.2.1	Number of water resources monitoring programmes reviewed and maintained	Final Resourced Water Monitoring Network Implementation Plan developed	-	3	4	4	5	6
			3.2.2	Number of water and sanitation information systems maintained	-	-	6	6	6	6	6
			3.2.3	National Digitised Integrated Water and Sanitation Monitoring System Implemented	New Indicator	New Indicator	New Indicator	New Indicator	Design/ Solution architecture of the National Digitised Integrated Water and Sanitation Monitoring System completed	Prioritise the implementation of National digitized integrated water and sanitation system design	Prioritise the implementation of National digitized integrated water and sanitation system design

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
		3.3	Gauging stations refurbished to improve management decisions	3.3.1	Number of water resource gauging stations / weirs constructed	-	-	-	-	1 • Lindley	1 • Bavaria	-
				3.3.2	Number of water resource gauging stations / weirs refurbished	-	-	-	1	-	-	-
		3.4	Strategic water resources infrastructure projects implemented	3.4.1	Number of bulk raw water projects in preparation for implementation	1 • Tzaneen Dam [The tender documents were converted from FIDIC to GCC Form of Contract) Nwamitwa Dam Tender documentation for dam completed)	0	0 ORWRDP 2D) • The MoU is being processed • Request to appoint a property valuer submitted to the Valuer – General Office	3 • Mokolo Crocodile (West) Water Augmentation Project - Phase 2A • ORWRDP 2D • Lusikisiki Regional Water Supply Scheme: Zalu Dam	5 • ORWRDP 2D • Nwamitwa Dam • Lusikisiki Regional Water Supply Scheme: Zalu Dam • ORWRDP 2E • Coerney Dam	6 • ORWRDP 2D • Nwamitwa Dam • Lusikisiki Regional Water Supply Scheme: Zalu Dam • ORWRDP 2E • Coerney Dam • Foxwood Dam	5 • Nwamitwa Dam • Lusikisiki Regional Water Supply Scheme: Zalu Dam • ORWRDP 2E • ORWRDP 2F • Foxwood Dam

Outcome	Outputs	Output Indicators	Annual Target						
			Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
			2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
			Clanwilliam Dam submissions made to DBAC for reconstitution of BEC) Umzimvubu (Water Project (Ntabelanga Dam) (Tender documentation for Ntabelanga BDS dam completed Detail design for Lalini Dam and HEP completed		[Mokolo Crocodile (West) Water Augmentation Project- Phase 2A] Tender for the Health and Safety Agent evaluate The topographic survey is complete The Geotechnical investigations are complete Scooping of the River Management System underway Specialist proposals are being evaluate The draft Guidelines for Technical Implementation (GTI) and design criteria				

Outcome	Outputs		Output Indicators		Annual Target						
					Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
					2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
			3.4.2	Number of bulk raw water projects under construction	1 • Hazelmere Dam	0	1 • Tzaneen Dam The design reports are being finalised Hazelmere Dam (Appointment of ECO and PsP) Clanwilliam Dam (Construction Mzimvubu Dam (Construction of access roads continues)	4 • Tzaneen Dam • Hazelmere Dam • Clanwilliam Dam • Mzimvubu Dam (Ntabelanga Dam and Advance Infrastructure)	4 • Tzaneen Dam • Hazelmere Dam • Clanwilliam Dam • Mzimvubu Water Project (Stage 1: Advance Works)	4 • Tzaneen Dam • Hazelmere Dam • Clanwilliam Dam • Mzimvubu Water Project (Stage 1: Advance Works)	4 • Tzaneen Dam • Clanwilliam Dam • Mzimvubu Water Project (Stage 1: Advance Works) • ORWRDP 2D
			3.4.3	Number of bulk raw water projects completed	1 • Hazelmere Dam	0	0	1 • Hazelmere Dam	0	1 • Hazelmere Dam	1 • Tzaneen Dam
	3.5	Maintenance Plans imple-mented	3.5.1	Percentage scheduled maintenance projects completed as a proportion of planned maintenance projects	36% (i.e. 140 of the 390 projects completed)	46% (i.e. 267 of the 579 projects completed)	39% (i.e. a total of the 428 of 1105 projects completed)	50%	50%	80%	80%
			3.5.2	Percentage unscheduled maintenance projects completed as a proportion of planned maintenance projects	0,2% (i.e. Zaaihoeh refurbishment of DN 1600 river outlet valve (Usuthu –Vaal))	27% (i.e. 153 of 579 projects completed as part of unscheduled maintenance	25% (i.e. 281 of 1105 projects completed as part of unscheduled maintenance	≤30%	≤30%	≤20%	≤20%

Outcome	Outputs		Output Indicators		Annual Target						
					Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
					2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
			3.5.3	Number of dam safety evaluations completed	-	-	30	25	20	25	30
			3.5.4	Number of dam safety rehabilitation projects completed	0 (i.e. 90% completion of the Roodekoppies Dam)	0	5 • Nkadimeng Dam • Morgenstond Dam • Rietspruit Dam • Marico Bosveld Dam • Kalkfontein Dam	2 • Bloemhof Dam • Kwaggaskloof Dam	2 • Mthatha Dam • Bloemhof Dam (siphon Temporary Works)	8 • Sishego • Nondweni Dam • Bossiespruit Dam • Tsojane Dam • Mhlanga Dam • Casteel Dam • Kwaggaskloof Dam • Damani Dam	6 • Darlinton Dam • Gamka Poort Dam • Edingburg Dam • Der-Brochen D • Roodefontein Dam • Nzhelele Dam
			3.5.5	Number of kilometres of conveyance systems rehabilitated per annum	5,4801 km	3,4km	7km	2,5km	4km	5km	7km
	3.6	Adherence to Water Supply Agreements/ Authorisations and Operating Rules (Water Resource Operations)	3.6.1	Percentage adherence to Water Supply Agreements/ Authorisations and Operating Rules (Water Resource Operations)	-	92%	80%	80%	80%	80%	80%

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
5	Enhanced regulation of the water and sanitation sector	5.1	Water resource regulatory prescripts developed and implemented	5.1.1	National Water Act Amendment Bill developed	Submission to redraft the compulsory national standards was drafted and submitted, redrafting of compulsory standards meetings	The process to finalise the Water and Sanitation Bill was put on hold and hence the development of the regulations	Internal stakeholder consultation on the Draft Bill	Draft Bill submitted to cabinet for approval	Draft 1 National Water Amendment Bill submitted to Cabinet for approval for public consultation	Draft 2 National Water Bill submitted to Top Management for approval (post consideration and incorporation of the comments)	Draft 3 National Water Bill submitted to cabinet for approval to table in Parliament
				5.1.2	National Water Resources Strategy Edition 3 (NWRS-3) developed	The Draft 1 NWSRSS document was developed and submitted to Top Management for input and approval.	Draft version 2.2 of the NWSRSS and the Submission to Minister and letter to portfolio committee was prepared on the delays to finalise the NWSRSS due to delays in legislative review	Version 2.3 of the National Water Resources Strategy Edition 3 (NWRS-3)	National Water Resources Strategy Edition 3 (NWRS-3)	Final draft NWRS-3 submitted for public consultation and cabinet approval	Monitoring and Evaluation of National Water Resources Strategy Edition 3 (NWRS-3)	Assess the Implementation of the NWRS-3
				5.1.3	Raw water charges developed	Draft pricing strategy developed and the OCSLA opinion obtained for the norms and standards	2019/20 raw water charges and bulk tariffs approved	2020/21 raw water charges and bulk tariffs approved	-	2022/23 raw water charges developed	2023/24 raw water charges developed	2024/25 raw water charges developed
				5.1.4	Percentage of applications for water use authorisation finalised within regulated period	95% (i.e. 447 out of 469)	81% (i.e. 476 out of 588)	88%	60%	80%	80%	80%
				5.1.5	Number of water users monitored for compliance	712	407	317	333	324	396	396

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
				5.1.6	Percentage of reported non-compliant cases investigated	96% (614 of 642)	94% (i.e. 441 of 471)	84%	70%	80%	80%	80%
				5.1.7	Water Research Commission (WRC) levy approved	New indicator	New indicator	New indicator	New Indicator	2021/22 Water Research Commission (WRC) levy approved	2022/23 Water Research Commission (WRC) levy approved	2023/24 Water Research Commission (WRC) levy approved
				5.1.8	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements	0 (787 desktop assessments conducted)	0	0	Inception Report	963	0	963
				5.1.9	Number wastewater systems monitored against the Regulatory Requirements	510	585	383	341	366	260	260
6	Water redistributed for transformation	6.1	Advance Water Allocation Reform by 2025	6.1.1	Regulation for advancement of water allocation reform finalized	Validation and verification of existing lawful use in 2 water management areas (WMAs)	Validation and verification of existing lawful use in 3 water management areas (WMAs)	Validation and Verification of existing lawful use in 2 water management areas (WMAs) Gourittz (BGCMA) 93 of 15 411 properties have been verified Usutu (IUCMA) 759 of 1 437 properties were verified	-	Draft Regulation for water allocation reform	Draft Regulation published for public comment	Validation and verification of existing lawful use in 2 water management areas (WMAs)

Outcome		Outputs		Output Indicators		Annual Target						
						Audited / Actual performance			Estimated performance 2020/21	MTEF Period		
						2017/18	2018/19	2019/20		2021/22	2022/23	2023/24
		6.2	Streamlined water resource management institutional arrangements	6.2.1	Performance of water resource institutions evaluated against their performance plans	Shareholder compacts and business plans for 13 entities were finalised	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual performance of 13 entities (TCTA, WRC, 9 WBs and 2 CMAs)	Annual performance plans and quarterly reports for 2 CMAs, TCTA and WRC	Annual performance plans and quarterly reports for 2 CMAs, TCTA and WRC	Annual performance plans and quarterly reports for 2 CMAs, TCTA and WRC
				6.2.2	Number of Catchment Management Agencies gazetted for establishment	1 National CMA gazetted for establishment	0	Proposal for the establishment of six CMAs and roadmap	2 (Breede-Gouritz , and Vaal CMAs) for new area operation gazetted	2 Gazette new area operation of Phongola-Mzimkhulu and Limpopo-North West CMAs	1 Gazette Mzimvubu-Tsitsikamma CMA for establishment	0
				6.2.3	National Water Resources Infrastructure Agency gazetted for establishment	Due diligence for the establishment of the National Water Infrastructure Agency finalised	0	Final concept note for establishment of the Authority	Final Business case finalised	Draft legislation for establishment of the Agency	Gazette for establishment of the Agency	Listing through National Treasury regulation and Board appointment
				6.2.4	Number of irrigation boards transformed into Water User Associations	-	-	-	New Indicator	Transformation status report of the 5 Irrigation Boards into Water User Associations submitted	Transformation status report of the 5 Irrigation Boards into Water User Associations submitted	Transformation status report of the 5 Irrigation Boards into Water User Associations submitted
				6.2.5	Water economic regulator gazetted for establishment	Business case approved	Draft legislation for the establishment of the independent economic regulator	Consultation plan for the draft business case of the independent economic regulator developed	-	Develop second draft business case for independent economic regulator	First Draft legislation for the establishment of the independent economic regulator	Second Draft legislation for the establishment of the independent economic regulator

6.2.3 Indicators, annual and quarterly targets

Water Ecosystems Management sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.1.1	Number of river systems with water resources classes and determined resource quality objectives	0				
		Review the Implementation plan for the Water Resource Classes and the RQOS (Thukela)	Finalise Scenarios	Review draft RQOs report	Review draft gazette template	Review implementation plan for water resource classes and RQOs
			Draft water resource classes report	-	-	-

Water Resources Regulation sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
2.1.2	Number of river systems monitored for the implementation of resource directed measures	2 (Inkomati and Berg Olifants) River systems monitored for the implementation of the resource directed measures	Approval of monitoring framework	Assessment of Inkomati Usuthu	Assessment of Berg Olifants	2 • Inkomati and Berg Olifants river system final report
2.2.1	Number of catchment strategies and plans developed for mine water and wastewater treatment works	2 • Upper Vaal and Crocodile	50% assessment of Upper Vaal and Crocodile	100% assessment of Upper Vaal and Crocodile	50% mitigation strategies developed for Upper Vaal and Crocodile	100% mitigation strategies developed for Upper Vaal and Crocodile
2.2.2	Number of catchment plans implemented for mine water and wastewater management	1 • Vaal	50% implementation plan.	100% implementation plan.	Consultation with Gauteng provincial office	Final implementation plan. for (1 Vaal)
2.2.3	Waste Discharge Charge System (WDCS) pilot country wide	Pilot WDCS in 3 WMAs	Draft the pilot plan	-	-	-
		Vaal	-	Pilot WDCS in Vaal	-	-
		Crocodile (West) - Limpopo-	Approve the pilot plan	-	Pilot WDCS in Crocodile (West) Limpopo	-
		Olifants	-	-	-	Pilot WDCS in Olifants
Water Trading						
2.1.3	Number of rivers in which the River Eco-status Monitoring Programme is implemented	81	81	81	81	81

Integrated Water Resource Planning sub-programme

Output Indicators		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.1.1	National Water and Sanitation master plan (NWSMP) updated	Annual update of the Water and Sanitation Master Plan (NW&SMP)	Work plan for the Annual update of NW&SMP	Stakeholder consultations	Draft annual update of the National Water and Sanitation Master Plan (NW&SMP)	Annual update of the Water and Sanitation Master Plan (NW&SMP)
3.1.2	Number of reconciliation strategies completed for various systems (WSS)	2 • Integrated Vaal WSS • Western Cape WSS	1 • Western Cape WSS	1 • Integrated Vaal WSS	-	-
3.1.3	Number of operating rules and specialist strategy studies com-pleted annually for various water supply systems	Annual Operating Rules for 8 large water supply systems • Vaal • Western Cape • Mgeni • Algoa • Amathole • Crocodile West • Polokwane • Orange WSSs	3 AORs • Vaal, • Orange • Umgeni	3 AORs • Polokwane, • Algoa • Crocodile	2 AORs • Western Cape • Amatole WSS	Annual Report
3.1.4	Number of updates climate change for Risk and Vulnerability Assessments completed annually for various water supply systems	2 • Pongola – uMzimkhulu WMA • Berg Olifants and Breede-Gouritz WMA	Update the Climate Change Risk and Vulnerability Assessment and develop adaption options as appropriate for the Pongola-[Umzimkhulu:Usuthu-Mhlatuze Catchment]	Update the climate change Risk and Vulnerability Assessment and develop adaption options as appropriate for the Pongola-[Umzimkhulu: Thukela Catchment]	Update the climate change Risk and Vulnerability Assessment and develop adaption options as appropriate for the Pongola-Umzimkhulu:[Mvoti-Umzim-kulu Catchment]	Consolidate Report for the Updated climate change Risk and Vulnerability Assessment and develop adaption options as appropriate for the Pongola-Umzimkhulu WMA
			Update the climate change Risk and Vulnerability Assessment for the Berg Olifants	Develop adaptation options as appropriate for the Berg Olifants	Update the climate change Risk and Vulnerability Assess-ment for the Breede-Gouritz	Develop adaption options as appropriate for the Breede Gouritz
3.1.5	Number of completed Record of Implementa-tion Decisions (RID) for bulk raw water planning projects	0 (Annual monitoring and evaluation report for Xhariep Pipeline, Clanwilliam Bulk Conveyance Infrastructure and Lower Coerney Balancing Dam)	-	Mid-term monitoring and evaluation report for Xhariep Pipeline, Clanwilliam Bulk Conveyance Infrastructure and Lower Coerney Balancing Dam	Quarterly monitoring and evaluation report for Xhariep Pipeline, Clanwilliam Bulk Conveyance Infrastructure and Lower Coerney Balancing Dam	Annual monitoring and evaluation report for Xhariep Pipeline, Clanwilliam Bulk Conveyance Infrastructure and Lower Coerney Balancing Dam

Water Resources Information and Management sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.2.1	Number of water resources monitoring programmes reviewed and maintained	4 programmes • Surface Water • Ground Water • National Chemical Monitoring Programme • National Eutrophication Monitoring Programme	Progress report 4 programmes	Progress report 4 programmes	Progress report 4 programmes	Progress report 4 programmes
3.2.2	Number of water and sanitation information systems maintained	6 • National Integrated Water Information System • Hydrological Information System • National Geohydrological Information System • Water Management System • Geographical Information System • Flood Monitoring and Forecasting System	Progress report 6 programmes	Progress report 6 programmes	Progress report 6 programmes	Progress report 6 programmes
3.2.3	National Digitised Integrated Water and Sanitation Monitoring System Implemented	Solution architecture of a National Digitised Integrated Water and Sanitation Monitoring System	Assessment report for National Digitised Integrated Water and Sanitation Monitoring System	National Digitised Integrated Water and Sanitation Monitoring System User Requirements Specification	Produce the Solution Market study for National Digitised Integrated Water and Sanitation Monitoring System	Solution architecture of a National Digitised Integrated Water and Sanitation Monitoring System
			-	-	Due Diligence Report	-
3.3.1	Number of water resource gauging stations / weirs constructed	1 • Lindley Gauging station	Progress report	Progress report	Progress report	1 • Lindley Gauging station

Water Resources Infrastructure Management sub-programme

Output indicator		Annual target 2020/21	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.4.1	Number of bulk raw water projects in preparation for implementation	5				
		ORWRDP 2D	-	Procurement process for the appointment of PSP for Social Impact Management underway	Draft Resettlement Action Plan	Commencement of Resettlement Action Plan assessment
		Nwamitwa Dam	Procurement process for the appointment of ECO and OHS Agent underway	Procurement process for the appointment of quarry development contractor underway	Commencement of quarry development	Quarry development 3% complete
			Procurement process for the appointment of Archaeologist underway	-	-	-
		Lusikisiki Regional Water Supply Scheme: Zalu Dam	-	Procurement process for the appointment of geotech service provider underway	Commencement of geotechnical investigations	Design 15% complete
		ORWRDP 2E	-	Re-commencement of engineering design	Design 80% complete	Design 82% complete
		Coerney Dam	-	Commencement of engineering design	Design 2% complete	Design 5% complete
3.4.2	Number of bulk raw water projects under construction	4				
		Tzaneen Dam	-	Procurement process of the appointment of ECO and OHS Agent underway	Commencement of construction	Site establishment complete
		Hazelmere Dam	-	Re-commencement of construction	Site establishment complete	Assessment of prior works complete
		Clanwilliam Dam	Construction 12% complete	Construction 13% complete	Construction 14% complete	Construction 15% complete
		Mzimvubu Water Project (Stage 1: Advance Works)	Construction of access roads 5% complete	Construction of access roads 10% complete	Construction of access roads 15% complete	Construction of access roads 20% complete
3.4.3.1	Number of job opportunities created through implementing augmentation infrastructure projects	90	10	20	30	30

Output indicator		Annual target 2020/21	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.5.1	Percentage scheduled maintenance projects completed as a proportion of planned maintenance projects	50%	4%	10%	11%	25%
3.5.2	Percentage unscheduled maintenance projects completed as a proportion of planned maintenance projects	≤30%	≤30%	≤30%	≤30%	≤30%
3.5.3	Number of dam safety evaluations completed	20	1	1	1	17
3.5.4	Number of dam safety rehabilitation projects completed	2				
		Bloemhof Dam	0% construction progress	5% construction progress	30% construction progress	100% construction progress
		Mthatha Dam (Siphon Temporary works)	0% construction progress	5% construction progress	30% construction progress	100% construction progress
3.5.5	Number of kilometres of conveyance systems rehabilitated per annum	4km	0.5km	1km	1km	1.5km
3.6.1	Percentage adherence to Water Supply Agreements/ Authorisations and Operating Rules (Water Resource Operations)	80%	80%	80%	80%	80%
3.6.1.1	Number of job opportunities created through implementing operations of water resources infrastructure projects	50	5	10	15	20

Water Resources Policy & Strategy sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
5.1.1	National Water Act Amendment Bill developed	Draft National Water Act Amendment Bill submitted to Cabinet for approval for public consultation	Draft National Water Act Amendment Bill developed	Consultation on Draft National Water Act Amendment Bill with Internal Stakeholders	Draft National Water Act Amendment Bill submitted to Top Management	Draft National Water Act Amendment Bill submitted Cabinet for approval for public consultation
5.1.2	National Water Resources Strategy Edition 3 (NWRS-3) developed	Final draft NWRS-3 submitted for public consultation and cabinet approval.	Update Top Management and NWRS-3 Task Team and get by-in for Public Consultation.	Conduct public consultations on the draft NWRS-3 and develop a comments register.	Consolidate comments and produce an updated final draft of the NWRS-3	Submit the final draft of NWRS-3 to Cabinet for approval.
			Prepare gazette notice for 60 day consultation	Update SEIAS report for approval.	Submit updated final draft of the NWRS-3 to cluster for endorsement	

Water Resources Regulation sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
5.1.3	Raw water charges developed	2022/23 raw water charges developed	Consultation on 2022/23 raw water charges	Submit 2022/23 raw water charges to top management for approval	2022/23 raw water charges developed	-
5.1.7	Water Research Commission (WRC) levy approved	2021/22 Water Research Commission (WRC) levy approved	Water Research Commission (WRC) levy approved	2021/22 Water Research Commission (WRC) levy approved	2021/22 Water Research levy approved and gazetted	-
6.2.5	Water economic regulator gazetted for establishment	Develop second draft business case for independent economic regulator	Consultation on the business case for the establishment of the economic regulator	Consultation on the business case for the establishment of the economic regulator	Develop second draft business case for establishment of economic regulator	Finalise second draft business case for establishment of economic regulator
5.1.4	Percentage of applications for water use authorisation finalised within regulated period	80%	80%	80%	80%	80%
6.1.1	Regulation for advancement of water allocation reform finalised	Draft Regulation for water allocation reform	Develop first Draft of Water Allocation Regulations	Internal consultation on the first Draft of Water Allocation Regulations	Develop second Draft Water Allocation Regulations	Public consultation on the Draft Water Allocation Regulations
5.1.5	Number of water users monitored for compliance	324	85	97	90	52
5.1.6	Percentage of reported non-compliant cases investigated	80%	80%	80%	80%	80%
5.1.8	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements	963	-	-	963	-
5.1.9	Number of wastewater systems monitored against the Regulatory Requirements	366	88	111	89	78

Water Resources Institutional Oversight sub-programme

Output Indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 Oct – Dec)	Quarter 4 (Jan – Mar)
6.2.1	Performance of water resource institutions evaluated against their performance plans	Annual performance plans and quarterly reports for 2 CMAs, TCTA and WRC	2021/22 Final annual performance plans for TCTA, WRC and 2 CMAs	Annual reports for 2 CMAs, TCTA and WRC	-	2022/23 Draft annual performance plans for TCTA, WRC and 2 CMAs
			Quarterly reports for 2 CMAs, TCTA and WRC	Quarterly reports for 2 CMAs, TCTA and WRC	Quarterly reports for 2 CMAs, TCTA and WRC	Quarterly reports for 2 CMAs, TCTA and WRC
6.2.2	Number of Catchment Management Agencies gazetted for establishment	2 Gazette new area operation of Phongola-Mzimkhulu and Limpopo-North West CMAs	Stakeholder consultation for new area operation of Pongola-Umzimkulu and Limpopo-North West CMAs	Stakeholder consultation for new area operation of Pongola-Umzimkulu and Limpopo-North West CMAs	Draft business case for new area operation of Pongola-Umzimkulu and Limpopo-North West CMAs	2: Pongola-Umzimkulu and Limpopo-North West CMAs new area operation submitted to Minister for gazetting
6.2.3	National Water Resources Infrastructure Agency gazetted for establishment	Draft legislation for establishment of the Agency	Draft Legislation for establishment of the Agency	Stakeholder consultation on draft Bill for establishment of the Agency	Stakeholder consultation on draft Bill for establishment of the Agency	Submit to State Law Advisor for certification
6.2.4	Number of irrigation boards transformed into Water User Associations	Transformation status report of the 5 Irrigation Boards into Water User Associations submitted	Stakeholder consultation for the development of status report to transform Irrigation Board into Water User Association (Loskop)	Stakeholder consultation for the development of status report to transform Irrigation Board into Water User Association (Ixopo, Brandweg)	Stakeholder consultation for the development of status report to transform Irrigation Board into Water User Association (Gamtoos, Upington Island)	Submit the transformation status report of the 5 Irrigation Boards into Water User Associations (Loskop, Ixopo, Brandweg Gamtoos, Upington Island)

6.2.4 Reconciling performance targets with the budget over the medium term

Sub-programme	Audited outcome			Adjusted appropriation	Medium term expenditure estimates		
Rand thousand	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Water Resources Management Support	5 661	6 070	7 069	7 414	6 851	6 793	6 679
Integrated Water Resources Planning	88 647	68 806	84 158	85 698	100 386	101 470	101 492
Water Ecosystems Management	43 202	47 946	40 023	39 710	47 375	47 438	47 178
Water Resources Information and Management	421 599	434 459	519 379	545 700	555 195	558 825	558 495
Water Resources Infrastructure Management	1 993 450	2 475 167	2 586 936	2 680 220	2 613 439	2 662 057	2 769 826
Water Resources Policy and Strategy	15 311	12 341	18 173	17 511	19 854	19 910	19 775
Water Resources Regulation	-	-	-	-	117 543	90 462	86 784
Water Resources Institutional Oversight	76 736	63 473	99 673	77 888	77 384	80 689	72 127
Total	**2 644 606**	**3 108 262**	**3 355 411**	**3 454 141**	**3 538 027**	**3 567 644**	**3 662 356**

6.3 Programme 3: Water Services Management

Addresses the water and sanitation services provision across water and sanitation value chain in support to water service authorities. The integration of bulk and retail water services to improve the coherence of the sector and to realise economies of scale and efficient use of water. It also provides for the development of effective policies, strategies, guidelines and procedures and plans as well as oversight and regulation of all water service management institutions.

6.3.1 Sub-programmes

Water Services and Local Management

Entails the development of strategies, guidelines, plans, information management for water and sanitation services and management across water and sanitation value chain. It supports and capacitate water and sanitation services institutions in providing planning and management frameworks, promotes water use efficiency, monitoring and evaluation of sector performance for the provision of sustainable water and sanitation services.

Regional Bulk Infrastructure Grant

Provides for the development of new infrastructure, and the refurbishment, upgrading and replacing of ageing infrastructure servicing extensive areas across municipal boundaries.

Water Services Infrastructure Grant

Provides for the construction of new infrastructure and the rehabilitation of existing water and sanitation infrastructure through the grant transfer of water services schemes to water service institutions.

Water Services Regulation

Develops, implements, monitors and reviews water resource regulations particularly the water service authorities' compliance with water supply regulations.

Water Services Policy and Strategy

Develops and reviews water services policies, procedures, and norms and standards; and monitors their implementation.

Water Services Institutional Oversight

Responsible for institutional governance and oversight of all water services institutions and to facilitate their establishment and development. This entails establishing fully functional entities; providing institutional support, advisory services to water boards.

Water Resource Management Support

Provides strategic leadership, management and support services to the programme as well as making provisions for associated salaries.

6.3.2 Outcomes, outputs, performance indicators and targets

Outcome		Output		Output Indicators		Annual Targets						
						Audited / Actual performance			Estimated performance	MTEF Period		
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
3	Water demand reduced and water supply increased	3.7	Water conservation and water demand management strategies developed for water sectors	3.7.1	Number of water conservation and water demand management strategies updated	New indicator	New indicator	New indicator	New indicator	4 Frameworks for Water conservation and water demand management strategies	2	-
		3.8	8 large water supply systems assessed for water losses by 2025	3.8.1	Number of large water supply systems assessed for water losses	8	Water balance data and information collected from municipalities within the 8 large water supply systems	8	Water balance data and information collected from municipalities within the 8 large water supply systems	8	8	8
		3.9	Regional bulk infrastructure project implemented	3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG) completed	13	0	4	6 Inception reports for feasibility studies	5	8	6
				3.9.2	Number of implementation readiness studies for water and wastewater services projects (RBIG) completed	13	1 Sterkspruit	3	6 Inception reports for implementation readiness studies	1 Inception reports for implementation readiness studies	5 Inception reports for implementation readiness studies	5 Inception reports for implementation readiness studies
				3.9.3	Number of regional bulk infrastructure project phases under construction[ix]	89	20	91	109	114	120	125

[ix] ***Consolidated mega, large and small regional bulk infrastructure projects under construction***

Outcome		Output		Output Indicators		Annual Targets						
						Audited / Actual performance			Estimated performance	MTEF Period		
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
				3.9.4	Number of regional bulk infrastructure project phases completed[x]	11	15	16	26[xi]	18	50	56
		3.10	Water services Infrastructure Grant Projects implemented	3.10.1	Number of small WSIG projects under construction	191	181	263	347	173	351	373
				3.10.2	Number of small WSIG projects completed	47	-	117	105	46	135	148
				3.10.3	Number of intervention projects under implemention	-	-	-	1	1	1	1
4	Water and sanitation services managed effectively	4.1	District municipalities five-year reliability plans developed	4.1.1	Number of district municipalities (DMs) with developed 5 year water and sanitation reliability plans	17 DMs with completed 5 year water and sanitation services master plans – Phase 1	3 priority DMs complete – Phase 2	Development of structure documentation	Situation Assessment Report for Five Year Reliability Implementation plan programme in 10 DMs	Complete 5-Year Reliability Implementation Plans in 5 DMs	Five Year Reliability Implementation Plans in 10 DMs	Five Year Reliability Implementation Plans in 12 DMs
		4.2	WSAs assessed for water services performance	4.2.1	Annual MuSSA reports on water services authorities performance in providing water and sanitation services	-	58 MuSSA completed with the WSAs, Metros and Secondary Cities	108 MuSSA completed with the WSAs, Metros and Secondary Cities	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities

[x] *Consolidated mega, large and small regional bulk infrastructure projects completed*

[xi] *The 2020/21 ENE figures have been amended to cater for projects that were not completed in 2019/20 financial year and will be completed during the 2020/21 financial year*

Outcome		Output		Output Indicators		Annual Targets						
						Audited / Actual performance			Estimated performance	MTEF Period		
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
				4.2.2	Annual Municipal Priority Action Plan (MPAP) developed	New indicator	New indicator	New indicator	New indicator	1 National Report on Municipal Priority Action Plan (MPAP) developed	1 National Report on Municipal Priority Action Plan (MPAP) developed	1 National Report on Municipal Priority Action Plan (MPAP) developed
5	Enhanced regulation of the water and sanitation sector	5.2	Water services regulatory prescripts developed	5.2.1	Water Services Amendment Bill developed	Submission to redraft the compulsory national standards was drafted and submitted, redrafting of compulsory standards meetings	The process to finalise the water and sanitation bill was put on hold and hence the development of the regulation	Internal stakeholder consultation on the draft bill	Draft Bill submitted to cabinet for approval	Draft Water Services Amendment Bill developed	Draft Bill submitted to cabinet for approval	Draft Bill submitted to the DG clusters and Cabinet for approval and Publication of the Bill in the gazette
				5.2.2	National Sanitation Integrated Plan	-	-	-	National Sanitation Situational Analysis Report	Draft National Sanitation Integrated Plan	Final National Sanitation Integrated Plan	Automated sanitation monitoring system developed
				5.2.3	National Faecal Sludge Management Strategy for on-site sanitation developed	-	-	-	Conceptual Framework for National Faecal Sludge Management Strategy for on-site sanitation developed	Draft National Faecal Sludge Management Strategy for on-site sanitation developed	Final National Faecal Sludge Management Strategy for on-site sanitation developed	National Faecal Sludge Management Strategy disseminated
				5.2.4	Bulk water tariffs developed	Bulk water tariffs approved	2018/19 bulk tariffs approved	2019/20 bulk tariffs approved	-	2022/23 bulk tariffs developed	2023/24 bulk tariffs developed	2024/25 bulk tariffs developed

Outcome		Output		Output Indicators		Annual Targets						
						Audited / Actual performance			Estimated performance	MTEF Period		
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
		5.3	Water supply systems monitored for compliance	5.3.1	Number of water supply systems assessed for compliance with the Blue Drop Regulatory requirements	788	0	0	0	0	1010	0
				5.3.2	Number of identified non-compliant water supply systems monitored against the Regulatory requirements	377	0	389	355	326	371	371
6	Water redistributed for transformation	6.3	Streamlined water services management institutional arrangements	6.3.1	Performance of water boards evaluated against their performance plans	Share holder compacts and business plans for 2 CMAs, TCTA and 13 entities were finalised	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual appraisals of shareholder compacts and business plans for 13 entities	Annual performance of 13 entities (TCTA, WRC, 9 WBs and 2 CMAs)	Shareholder compacts, business plans, quarterly and annual reports for 9 water boards finalised	Shareholder compacts, business plans and quarterly reports for 9 WBs	Shareholder compacts, business plans and quarterly reports for 9 WBs
				6.3.2	Number of regional water utilities gazetted for establishment	0	0	Draft roadmap for the establishment of proto-regional water utility developed	(0) Draft due diligence for 2 regional water utilities (Sedibeng and Bloem)	(0) Draft Due diligence reports for 2 regional water utilities (Magalies and Amatola)	(0) Draft Due diligence reports for 1 regional water utility (Overberg) developed	(0) Draft due diligence reports Umgeni and Mhlathuze

6.3.3 Indicators, annual and quarterly targes

Water Services and Local Management sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.7.1	Number of water conservation and water demand management strategies updated	4 Frameworks for Water conservation and water demand management strategies	Procurements process	Signed contract of procurement process with the PsP	Inception Report	4 Frameworks for Water conservation and water demand management strategies
3..8.1	Number of large water supply systems assessed for water losses	8	Workshops Training and Communication on the IWA reporting requirements within the 8 large water supply systems	Collection of IWA water balances from municipalities within the 4 large water supply systems • Integrated Vaal River System • Umgeni River WSS • Croc-West River WSS • Western Cape WSS	Collection of IWA water balances from municipalities within the 4 large water supply systems • Olifants River WSS • Algoa WSS • Amatole WSS • Greater Bloemfontein WSS	8 • integrated Vaal River System • Umgeni River WSS • Croc-West River WSS • Western Cape WSS • Olifants River WSS • Algoa WSS • Amatole WSS • Greater Bloemfontein WSS
3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG) completed	5 feasibility studies	Finalise the Procurement processes	-	-	Compile submission and assessment reports for 5 feasibility studies
			-	Initiate the 5 projects	Produce monitoring report for 5 feasibilty studies	5 feasibility studies
3.9.2	Number of implementation readiness studies for water and wastewater services projects (RBIG) completed	0 (1 Draft Implementation Readiness Studies Reports)	Review the preliminary findings of the feasibility studies in preparation of implementation readiness studies initiation	Review the preliminary findings of the feasibility studies in preparation of implementation readiness studies initiation	Initiate the process for 1 implementation readiness studies of completed feasibility studies	0 (Initiate the process for 1 Implementation Readiness Studies of completed feasibility studies)
				-	-	1 Draft Implementation Readiness Studies Reports

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
4.1.1	Number of district municipalities (DMs) with developed 5 year water and sanitation reliability plans	Complete 5-Year Reliability Implementation Plans in 5 DMs	Roll-out of Five Year Reliability Plan for 5 Priority DMs	Complete situational assessments of five-year water and sanitation service delivery reliability implementation plans for 5 priority DMs	Complete projects for five-year water and sanitation service delivery reliability implementation plans for 5 priority DMs	Develop five Year Reliable Water and Sanitation Services Delivery Implementation Plans for 5 priority DMs
			Finalise the appointments for provincial work sessions	-	-	-
4.2.1	Annual MuSSA reports on water services authorities performance in providing water and sanitation services	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities	Consultation and registration MuSSA Online	Progress report on data collection	Support to outstanding WSAs on data collection	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities
4.2.2	Annual Municipal Priority Action Plan (MPAP) developed	1 National MPAP report developed	Gap identification report for MPAP	Consult WSAs to prioritize gaps identified through MuSSA	Draft MPAP report for confirmation by WSAs	1 National MPAP report developed
5.2.2	National Sanitation Integrated Plan	Draft National Sanitation Integrated Plan	Draft provincial action plan for Limpopo	Draft provincial action plans for Eastern Cape, Kwa Zulu Natal, North West and Northern Cape	Draft provincial action plans for Gauteng, Free State, Mpumalanga and Western Cape,	Draft National Sanitation Integrated Plan
5.2.3	National Faecal Sludge Management Strategy for on-site sanitation developed	Draft National Faecal Sludge Management Strategy for on-site sanitation developed	Literature Review	Preliminary Draft National Faecal Sludge Management Strategy developed	Stakeholder consultations	Draft National Faecal Sludge Management Strategy for on-site sanitation developed

Regional Bulk Infrastructure Grant sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.9.3.1	Number of mega regional bulk infrastructure project phases under construction	10	8	8	7	9
3.9.4.1	Number of mega regional bulk infrastructure project phases completed	1	-	1	-	-
3.9.3.2	Number of large regional bulk infrastructure project phases under construction	72	51	61	61	63
3.9.4.2	Number of large regional bulk infrastructure project phases completed	9	0	1	3	5
3.9.3.3	Number of small regional bulk infrastructure project phases under construction	31	21	28	26	22
3.9.4.3	Number of small regional bulk infrastructure project phases completed	8	0	3	3	2
3.9.4.3.1	Number of job opportunities created through implementing RBIP infrastructure projects	500	100	150	150	100

Water Services Infrastructure Grant sub-programme

Output indicator		Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
3.10.1	Number of small WSIG projects under construction	173	75	121	141	138
3.10.2	Number of small WSIG projects completed	46	27	8	3	8
3.10.3	Number of intervention projects under implemention	1 (Vaal intervention)	1	1	1	1

Water Services Policy & Strategy sub-programme

	Output indicator	Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
5.2.1	Water Services Amendment Bill developed	Draft Water Services Amendment Bill developed	Draft Amendment Bill developed	Consultation on Draft Amendment Bill with Internal Stakeholders	Draft Amendment Bill submitted to Top Managements	Submission of the Bill to the DG Clusters

Water Services Regulation sub –programme

	Output indicator	Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
5.2.4	Bulk water tariffs developed	2022/23 Bulk water tariffs developed	-	Provide feedback for 2022/23 bulk water tariffs	Conduct Stakeholder consultation on for 2022/23 bulk tariffs	Bulk water tariffs for 2023/24 developed.
5.3.2	Number of identified non-compliant water supply systems monitored against the regulatory requirements	326	70	100	90	66

Water Services Institutional Oversight sub –programme

	Output indicator	Annual target 2021/22	Quarter 1 (Apr – Jun)	Quarter 2 (Jul – Sept)	Quarter 3 (Oct – Dec)	Quarter 4 (Jan – Mar)
6.3.1	Performance of water boards evaluated against their performance plans	Shareholder compacts, business plans, quarterly and annual reports for 9 water boards finalised	Shareholder compacts and business plans for 9 WBs	-	Annual reports for 9 Water Boards	-
			Quarterly reports for 9 Water Boards	Quarterly reports for 9 Water Boards	Quarterly reports for 9 Water Boards	Quarterly reports for 9 Water Boards
6.3.2	Number of regional water utilities gazetted for establishment	0				
		Draft Due diligence reports for 2 regional water utilities (Magalies and Amatola)	0	Draft roadmap for the establishment of proto-regional water utility developed	Draft due diligence for 2 regional water utilities (Magalies and Amatola) developed	Draft Due diligence reports for 2 regional water utilities (Magalies and Amatola) developed.

6.3.4 Reconciling performance targets with the budget over the medium term

Sub-programme	Audited outcome			Adjusted appropriation	Medium term expenditure estimates		
Rand thousand	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Water Services Management Support	28 295	28 177	39 588	39 164	37 625	33 877	35 394
Water Services and Local Management	215 780	1 066 604	380 925	399 839	422 584	451 230	454 124
Regional Bulk Infrastructure Grant	5 575 676	5 083 262	5 628 112	7 040 096	6 314 100	6 636 539	6 921 302
Water Services Regulation	203 022	190 989	296 963	241 389	107 028	113 543	119 234
Water Services Policy and Strategy	-	-	-	-	1 354	1 312	1 293
Water Services Infrastructure Grant	4 440 183	5 508 133	4 525 091	4 205 289	4 516 844	4 640 449	4 837 184
Water Services Institutional oversight	-	-	-	-	21 604	22 496	23 539
Total	**10 462 956**	**11 877 165**	**10 870 679**	**11 925 777**	**11 421 139**	**11 899 446**	**12 392 070**

7 Explanation of planned performance over the five year planning period

7.1 Programme 1: Administration

Provide strategic leadership, management and support services to the Department. Develop and promote international relations on water resources with neighbouring countries.

The NDP prioritises the significant role of women, of the youth and of disabled persons and requires their mainstreaming in government's planning. To contribute to these are cross-cutting priorities the Department plans to implement targeted procurement that supports Small Medium and Micro Enterprises (SMMEs) owned and / or controlled by women, youth and people with disabilities.

7.2 Programme 2: Water Resources Management

The purpose of the programme is to ensure the protection, use, development, conservation, management and control of water resources in a sustainable manner for the benefit of all people and the environment. It provides for the development of a knowledge base for proper planning and informed decision making. It also provides for the development of effective policies and procedures as well as oversight of all water resource management institutions.

South Africa as a water scarce country is faced with the challenge of protecting water resources (i.e. quantity and quality) and the need to utilise water for social and economic development. Some of the country's water resources are overused (e.g. polluted, the available water is already allocated and / or the surrounding environment is in a poor state) . Other water resources are hardly used and the dependent environment is still in a natural state. However, South Africa has very few water resources that are still in a natural state and hence the requirement for different levels of protection.

The NWA provides decision-making tools to achieve a balance between protecting and utilising water resources to ensure that water is available for current and future human use. The classification system and the determination of the resource quality objectives are two mechanisms that are used to balance protection and development. The classification system states the acceptable impacts on the water resource and the unacceptable impacts in order to protect the resource. The class also states the amount of water that can be used from the water resource. The classes therefore allow for a grouping of water resources of those that are in a very good state and those that are in a very poor state. The resource quality objectives are an indication of the required level of protection for each water resource. The objectives therefore state the desired water quantity and quality, condition of the instream and riparian (river bank) habitat, as well as the condition of the aquatic animal and plant life.

The National Water and Sanitation Master Plan (NWSMP) indicates that by 2040, treated acid mine drainage and desalinated seawater will make a significant contribution to South Africa's water mix, ground water usage will increase, and the over-reliance on surface water will reduce. Although some large surface water schemes are currently planned and developed, South Africa is approaching full utilisation of available surface water yields and is running out of suitable sites for developing large dams. The water re-use could guarantee availability of water supply (particularly for non-potable water uses) ; substantially lower water bill; supplement industry's profitability by harvesting valuable resources contained in wastewater; and practice more environmentally sound water usage operations. Although the NWSMP indicates a planned reduction in the reliance of surface water, there will be a development of strategic water resources infrastructure projects (e.g. Lesotho Highlands Water Project phase 2, uMkhomazi Water Project, Mokolo Crocodile (West) Water Augmentation project etc.) .

The recent water-related disasters (e.g. drought) have shown that water security is significantly impacted owing to the delays in implementing certain infrastructure projects as well as water demand management. Although many scholars suggest the diversification of the water mix as a way to respond to water insecurity; this would not be sufficient to balance supply and demand if water demand management is not implemented. Climate change is projected to increase the variability of rainfall throughout the country, and to reduce average rainfall. However, the total water supply requirements in the country will increase due to population and associated economic growth.

There is a need to optimise the water mix which is currently strongly dominated by surface water, with some groundwater and return flows. The delayed reaction of groundwater to climate change impacts and other stresses such as land-use change is one of the motivating factors for its increased use. In the face of climate change, groundwater, which will not experience the increased evaporation that will impact on surface water as temperatures increase, will become increasingly important. Artificial recharge of aquifers will be an important element of water management.

The NWA requires the establishment of national monitoring and information systems, for all aspects of water resources. There is a well-established network of monitoring points that provide for the collection of data and information to assess among other things water quantity and quality as well as water use. It further includes information on the ecological properties of water resources, both surface and groundwater. The development, maintenance and refurbishment of gauging weirs seeks to improve the coverage of rainfall and runoff gauging that has deteriorated and in some instances no longer functional.

Strong regulation is critical to achieve water security in South Africa, in terms of water quality (in rivers and taps) . An incentive based regulation initiative pursuing excellence in wastewater service management was introduced to create a paradigm shift from minimum requirement compliance towards continued risk management. The Green Drop report reviews the WSAs compliance with the requirements for wastewater service management.

One of the main mechanisms of ensuring access to sufficient water, protection of the environment, and reallocation of water to advance the previously disadvantaged communities is to control water use. Water use registration regulates the manner in which water can be used. The 2017 regulations indicate that process of water use applications is undertaken within a period of 300 days of submitting such application. However, the Framework Agreement for the Jobs Summit requires a review of the turnaround time for considering water use license applications. This is essential in the effective implementation of the various projects particularly emerging farming enterprises in the agricultural sector.

The aim of setting of waste discharge standards is to ensure that the aquatic ecosystem will not be compromised. It also seeks to ensure that the quality will always comply with the requirements for basic human needs and other economic uses, bearing in mind that at least some basic treatment process will be applied before the water is used. It therefore supports the pricing strategy in differentiating between different types of water uses and water users as it affects the charges for different uses and users. It is one mechanism that the pricing strategy achieves equity.

Compliance, monitoring and enforcement (CME) is one of the priority focus areas identified in the second edition of the national Water Resources Strategy. CME is essential to support water allocation and water allocation reform (WAR) to ensure that water is used according to authorisation conditions, and by legally authorised water users.

The NWA provides for the establishment and transformation of institutions to assist in giving effect to the Department's mandate. The enactment of the NWA provided for the establishment of the institutional framework for water resource management. To manage water resources at the catchment level, the NWA provides for the establishment of catchment management agencies (CMAs) that must ensure that all interested and affected stakeholders (including poor communities that have been disadvantaged and marginalised) participate in the decisions of the CMA. It also provides for the transformation of existing irrigation boards into Water User Associations that include emerging farmers.

7.3 Programme 3: Water Services Management

The programme addresses the water and sanitation services provision across water and sanitation value chain in support to water service authorities. The integration of bulk and retail water services to improve the coherence of the sector and to realise economies of scale and efficient use of water. It also provides for the development of effective policies, strategies, guidelines and procedures and plans as well as oversight and regulation of all water service management institutions.

The Municipal Strategic Self-Assessment (MuSSA) is an annual review on the effectiveness of water services management within WSAs. The WSAs which may be a district, local, or metropolitan municipality undertake a structured self-evaluation of their current and expected future performance in providing water and sanitation services. The review is based on five "essence questions" for 18 "business health attributes" related to service delivery in general and water and sanitation services in particular. The MuSSA reports for each WSA provide an insight particularly on the strengths and vulnerabilities in terms of water and sanitation service delivery.

Water conservation and water demand management targets will be set for all water use sectors (namely agriculture, industries, mining, power generation, municipal and domestic water supply) to reduce total the water requirements from existing infrastructure. In addition, through the existing grant mechanisms, water conservation and water demand strategies would be implemented by supporting projects that will directly impact on bulk infrastructure requirements.

Domestic rainwater harvesting should be encouraged as a way of improving household food security, income savings and improved reliability of water supply, especially in rural areas. Although mostly only suitable as augmentation, it has been proven that, with good management, rainwater harvesting can yield more economical water than formal municipal water supply.

An incentive based regulation initiative pursuing excellence in drinking water quality was introduced to create a paradigm shift from minimum requirement compliance towards continued risk management. The Blue Drop report reviews the WSAs compliance with the requirements for drinking water quality management.

The Municipal Strategic Self-Assessment (MuSSA) is an annual review on the effectiveness of water services management within WSAs. The WSAs which may be a district, local, or metropolitan municipality undertake a structured self-evaluation of their current and expected future performance in providing water and sanitation services. The review is based on five "essence questions" for 18 "business health attributes" related to service delivery in general and water and sanitation services in particular. The MuSSA reports for each WSA provide an insight particularly on the strengths and vulnerabilities in terms of water and sanitation service delivery.

The NWA provides for the establishment and transformation of institutions to assist in giving effect to the Department's mandate. The enactment of the Water Services Act, provided for the establishment of the institutional framework for water services.

The enactment of the Water Services Act, provided for the establishment of the institutional framework for water resource management and water services. The NDP indicates that "while local government will retain responsibility for ensuring adequate service provision in its areas, regional water utilities will provide services where municipalities have inadequate technical and *financial capacities"*[xi].

8 Programme resource considerations

Please refer to the programme`s reconciling performance targets with the budget over the medium term.

[xi] ***Source: National Development Plan 2030, National Planning Commission (2012: 178)***

9 Key risks

No	Outcome	Key Risk	Risk Mitigation
1	Efficient, effective and development orientated department	ICT may not be in a position to enable the department to effectively achieve its strategies	• MSP to be developed in line with the reviewed departmental 5-year strategic plan • Ensure the provision of funding for the implementation of the MSP
		Non-payment of debts by Water Boards/ Municipalities and other users	• Implementation of the Revenue Enhance Strategy • Water cuts to be implemented on defaulting Municipalities • Participate in the Inter-Ministerial Sub-committee that deals with water • Litigation against debtors
		Leadership instability	• Filling of critical posts e.g. CFO, CRO, DG posts. • Vetting of senior managers. • Finalisation of disciplinary action against identified employees. • Implementation of the Fraud Policy and Response Plan • Ensure functioning of the Ethics Committee. • Review of the governance structures • Capacitation of RM, Internal Audit and Control (i.e. vacancies and the adequate skills).
2	Ecological infrastructure protected and restored	Pollution of water resources Non-compliance with drinking water quality standards	• Monitor non-compliant wastewater treatment systems. • Monitor non-compliant water supply systems. • Develop a strategy per Catchment Management Areas • Implement the polluter pay principles
3	Water demand reduced and water supply increased	Gaps in quality and quantity monitoring data and information	• Upgrade all supporting elements to restore Water Conservation and Water Demand Management, water use and resource monitoring to its required levels
		Inability to guarantee sustainable maintenance of bulk raw water infrastructure	• Develop and implement the Resource Management Plans (RMP), Asset Management Strategy (AMS), Operations and Maintenance Plans (O & M P), Rehabilitation and Refurbishment Plans (R & R) and EPPs. • Ensure there is a dedicated budget for Operations and Maintenance. • Term contracts for operation and maintenance. • Replenish the Pumping Reserve
			• Continuous monitoring of project expenditure through monthly reporting. • Continuous monitoring of the payment of invoices on a continuous basis. • Management committee meetings. • Full Implementation of the FIDPM. • Management and monitoring of VO's and the National Treasury Instruction note on variation orders-submission to National Treasury for approval in line with the threshold. • Establishment of the Project Management Unit • Alignment of APP, DMP and budget • Project Steering Committee to perform oversight role over projects • Develop and implement a costing methodology • Centralisation of the processing of invoices

No	Outcome	Key Risk	Risk Mitigation
4	Water and Sanitation services managed effectively	Projects not completed on time and within budget	• Development of completed 5 year reliable water and sanitation service delivery implementation plans.
5	Enhanced regulation of the water and sanitation sector	Inadequate planning and project implementation resulting in unreliable water and sanitation services delivery	• Re-establish routine monitoring of resource water quality. • Re-establish and maintain the Water Management System (WMS) for resource water quality management. • Assess and report on resource water quality information. • Implement the Integrated Water Quality Management Strategy (DWS Report 000/00/21715/5) with action plans to mitigate pollution from all water use sectors. • Implement the Waste Discharge Charge System (WDCS) in all catchments. • Develop, implement and maintain integrated water quality management plans for priority catchments. • Increase the staff capacity
6	Water redistributed for transformation	Declining water quality in the water resources	• Further review of the delegation of authority for the approval of the water use license. • Increase the staff establishment for the licensing component at head office. • Establishment of a dedicated unit in the regions and to fill vacant positions. • Review the licensing process • Review Regulations on Water authorisations

10 Public Entities Infrastructure projects

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

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
A Mega projects (total project cost of at least R 1 billion over the project life cycle)								
Infrastructure transfers for bulk raw water projects								
1	Olifants River water resources development project (phases 2B and 2G)	Greater Sekhukhune DM, 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	RID	13 114 000	0
2	Mokolo and Crocodile water Augmentation Project (MCWAP) Phases 2A	Waterberg DM, 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	12 362 000	278 256 11% social component funded from the fiscus and 89% commercial component funded off-budget by TCTA
3	uMkhomazi Water Project	Harry Gwala DM, KwaZulu-Natal	Dam, transfer infrastructure, water treatment infrastructure	Transfer of water from the undeveloped uMkhomazi River to the existing Mgeni system to further augment water supply to the Durban and Pietermaritzburg areas	-	EIA	23 000 000	140 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
4	Foxwood Dam	Amathole DM, Eastern Cape	Dam	Constructing a major dam at the Foxwood site in the Koonap River for the purpose of augmenting water supplies to Adelaide and to provide reliable water supplies for existing and new irrigation	-	RID	3 082 000	0
5	Lusikisiki regional water supply scheme: Zalu Dam on the Xura River	O R Tambo DM, Eastern Cape	Bulk Water and Wastewater Infrastructure	Development of bulk water and wastewater infrastructure to enable the connection of municipal reticulation infrastructure	SIP 3	RID	2 023 000	0
6	Acid mine drainage	National	Long term infrastructure	Construction of water treatment works	-	Feasibility	-	300 000
7	Mzimkulu River: Ncwabeni off-channel storage	Ugu DM , 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	-	Design	1 026 000	0
8	Olifants River water resources development project (phase 2F)	Greater Sekhukhune DM, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of second pipeline parallel to Lebalelo scheme and Lebalelo Scheme to Olifantspoort	SIP 1	Design	2 559 500	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
9	Groot Letaba River water development project: Nwamitwa Dam	Mopani DM, 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	3 761 000	0
10	Mzimvubu water project	Alfred Nzo DM, Eastern Cape	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	Design	20 000 000	135 000
11	Dam safety rehabilitation programme	National	Dams	Rehabilitation of assets and improvement of dam safety	-	Construction	2 800 000	150 000
12	Olifants River water resources development project (phase 2D) [Bulk Distribution Scheme]	Greater Sekhukhune DM, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of second pipeline between Steelpoort weir to and Mooihoek	SIP 1	Project preparation	2 000 000	160 203
13	Olifants-Doorn River Water resources project: Raising of Clanwilliam Dam	Western Cape	Dam	Upgrading of existing dam to stabilise distortion and augmentation of agricultural water supply to meet increasing demands	SIP 5	Project preparation	3 300 000	254 076

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
14	Olifants River water resources development project (phase 2C)	Greater Sekhukhune DM, 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 Roossenekal	SIP 1	Construction	2 267 000	0
15	Olifants River water resources development project: De Hoop Dam (phase 2A)	Greater Sekhukhune DM, Limpopo	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	Close-out	3 397 689	0
Infrastructure transfers for water service projects (i.e. Schedule 5B)								
16	OR Tambo Mthatha King Sabata Dalindyebo district municipality bulk water supply	OR Tambo DM, Eastern Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 6	Construction	3 001 534	100 000
	OR Tambo Mthatha King Sabata Dalindyebo district municipality sanitation	OR Tambo DM, Eastern Cape	Bulk sewer	Augmentation of existing bulk sewer scheme	SIP 6	Construction		0
17	Vaal Gamagara scheme phase 1 of 2	Pixley ka Seme DM, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 11	Construction	18 000 000	250 000

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
18	Polokwane wastewater treatment works phase 1	Capricorn DM, Limpopo	Bulk sewer	Upgrade of existing wastewater treatment works	SIP 18	Construction	1 043 836	361 157
19	Umshwathi bulk water supply scheme (phase 3)	uMgungundlovu DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	2 308 734	307 152
20	Greater Mthonjaneni bulk water supply (phase 2)	King Cetshwayo DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	1 228 190	27 409
21	Ngcebo BWS	iLembe DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	1 420 678	Approved funding for this project has been exhausted. WSA was to complete the project using co-funding
22	Driefontein: Spioenkop to Ladysmith bulk water supply	uThukela DM, KwaZulu-Natal	Bulk Water Supply	Construction of bulk water scheme	SIP 18	Planning/IRS	1 479 397	0
Departmental infrastructure water service projects (i.e. Schedule 6B)								
23	Magalies water supply to Waterberg (Klipvoor)	Waterberg DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	1 891 000	0
24	25 Sedibeng bulk regional sewer phase 1 of 2	Sedibeng DM, Gauteng	Waste Water Services	Construction of new wastewater treatment works (i.e. Rietspruit and Leeuwkuil)	SIP 18	Construction	3 000 000	100 000
26	Mogalakwena bulk water supply phase 2	Waterberg DM, Limpopo	Bulk Water Supply	Upgrade of boreholes and construction of new bulk water scheme	SIP 1	Construction	1 650 000	74 434
27	Sebokeng Wastewater Treatment Works phase 2 of 2	Sedibeng DM, Gauteng	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	1 123 584	263 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
28	Giyani Water Services	Mopani DM, Limpopo	Bulk Water Services	Construction and upgrading of existing water services infrastructure	SIP 6	Construction	2 511 429	306 000
29	Thembisile water scheme (Loskop) phase 1 of 3	Nkangala DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Planning/ Construction	1 500 000	32 498
	West Rand Regional Bulk Scheme: Hannes Van Niekerk	Rand West DM, Gauteng	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Completed	TBC[xii]	0
	West Rand Regional Bulk Scheme: Zuurbekom	Rand West DM, Gauteng	Waste Water Services	Construction of new wastewater treatment works	SIP 18	Design		7 747
	West Rand Regional Bulk Scheme: Syferfontein	Rand West DM, Gauteng	Bulk water and sanitation		SIP 18	Design		
	West Rand Regional Bulk Scheme: Mohlakeng / Westonaria pump station	Rand West DM, Gauteng	Waste Water Services		SIP 18	Construction		50 000
30	Ebenezer & Olifantspoort Water Schemes	Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Parked	TBC	0
B	**Large projects (total project cost of at least R250 million but less than R1 billion over the project life cycle)**							
Infrastructure transfers for bulk raw water projects								
31	Lesotho-Botswana Pipeline (Tax Portion)	Lesotho to South Africa to Botswana	-	Transboundary pipeline and associated works conveying water from Lesotho to both South Africa and Botswana	-	Feasibility	6 581	1 924

[xii] *The project cost will be confirmed when the Syferfontein and Zuurbekom IRS have been finalised*

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
32	Lower Orange River Project (Vioolsdrift / Noordoewer Dam)	Northern Cape (Border of SA and Namibia)	Flow re-regulation and increased Lower Orange System yield	Construction of large dam at Vioolsdrift for flow re-regulation and storage capacity. Joint development with Namibia	-	Feasibility	14 202	3 500
33	Crocodile East Water Project (Mbombela)	Mpumalanga (Mbombela)	-	Large off-channel storage dam, diversion weir and bulk distribution infrastructure to supply City of Mbombela and surrounding smaller towns (e.g. White River Town)	-	Feasibility	2 000 000	7 000
34	Malmani Dolomites Groundwater	Limpopo and Mpumalanga Escarpment, Olifants Water Management Area (WMA)	Bulk water supply and local settlement supply	Augmentation of water supply to the Olifants River Water Supply System (ORWSS) by optimizing the conjunctive use between surface water and groundwater	-	Feasibility	500 000	1 500
35	Mangaung Water Project: Xhariep Pipeline	Free State (Mangaung Metro)	Pipeline and associated bulk distribution infrastructure	Large bore pipeline from exiting Gariep Dam for augmentation of supply to Greater Mangaung Metro	-	Feasibility	20 000	12 000
36	Clanwilliam Bulk Water Conveyance Infrastructure Project (Phase 1)	Western Cape (West Coast DM)	New and upgraded existing conveyance infrastructure	Bulk conveyance infrastructure from the raised Clanwlliam Dam to establish historically disadvantaged (resource-poor) farmers	-	Feasibility	12 308	7 600

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
37	Berg River – Voelvlei Augmentation Scheme (Western Cape Water Supply System Augmentation)	Western Cape (Drankenstein LM & Swartland LM)	Additional yield in the existing Voelvlei Dam	Pumped abstraction of winter water from the Berg River to augment the Western Cape Water Supply System	-	Design	700 000	National Treasury funding approval outstanding
38	Olifants River water resources development project (phases 2E) Bulk Distribution Scheme	Greater Sekhukhune DM, Limpopo	Pumping stations, pipelines, balancing dams, operational infrastructure and appurtenant structures	Construction of second pipeline parallel to Lebalelo scheme and Lebalelo Scheme to Olifantspoort	SIP 1	Design	556 400	0
39	Thukela Goedertrouw transfer scheme	King Cetshwayo DM, KwaZulu-Natal	Pumping stations, pipelines, abstraction pumps and desanding works	Increasing capacity of the Thukela Goedertrouw transfer scheme from 1.2 cumecs to 2.4 cumecs	-	Construction	646 000	120 000
40	Groot Letaba River water development project: Raising of Tzaneen Dam	Mopani DM, 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	600 000	158 930
41	Mdloti River development project: Raising of Hazelmere Dam	iLembe DM, KwaZulu-Natal	Dam (radial crest gates)	Augmentation of water supply to Umgeni Water for treatment, for KwaZulu-Natal North coast	SIP 2	Construction	620 000	110 000
Infrastructure transfers for water service projects (i.e. Schedule 5B)								
42	Msukaligwa regional water supply scheme	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Design	407 000	75 000

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
43	Taung/ Naledi bulk water supply phase 2E	Dr Ruth Mompati DM, North West	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 4	Construction	733 754	90 728
44	Namakwa bulk water supply phase 2	Namakwa, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	648 312	119 306 943
45	Pilanesberg bulk water supply phase 3	Bojanala DM, North West	Bulk Water Supply	Upgrade of existing bulk water scheme and construction of new bulk water scheme.	SIP 4	Planning	796 631	0
46	Amatola Water: Refurbishment of 6 existing plants and downstream infrastructure	Amathole DM, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 6	Construction	500 000	0
47	Greater Mamusa bulk water supply phase 2 (Bloemhof WTW) & 3 (pipeline to Schweizer Reneke)	Dr Ruth Mompati DM, North West	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 4	Construction	444 288	80 000
48	Chris Hani district municipality: Ncora bulk water supply (cluster 4)	Chris Hani DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Construction	421 727	114 662
49	Chris Hani district municipality: Ngcobo bulk water supply (cluster 6)	Chris Hani DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and spring protection	SIP 6	Construction	321 727	49 629
50	Xonxa BWS	Chris Hani DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	443 998	112 094

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
51	Nooitgedacht Coega Low Level scheme	Nelson Mandela Bay Metro, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	390 287	0
52	Greytown BWS	Mzinyathi DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Construction	950 000	4 738
53	Middledrift BWS	King Cetshwayo DM, KwaZulu-Natal	Bulk Water Supply	Construction of new water treatment works	SIP 6	Construction	340 000	0
54	Greater Bulwer	Harry Gwala DM, KwaZulu-Natal	Bulk Water Supply	Upgrade of existing water treatment works	SIP 6	Construction	343 337	9 026
55	Nongoma bulk water supply	Zululand DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	529 134	0 RBIG commitment exhausted
56	Greater Mpofana bulk water supply	uMgungundlovu DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	469 293	239 206 057
57	Maphumulo BWS	iLembe DM, KwaZulu-Natal	Bulk Water Supply	Construction of bulk water scheme	SIP 18	Construction	294 621	0
58	Ngwathe bulk water supply phase 3 of 3	Fezile Dabi DM, Free State	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 18	Construction	250 000	47 500
59	Balf/ Siyathemba bulk water supply (phase 2 of 4)	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	590 709	0
60	Empuluzi and Methula bulk water scheme (phases 1 of 3)	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	291 021	170 407
61	Kagisano Molopo bulk water supply	Dr Ruth Mompati DM, North West	Bulk Water Supply	Upgrade of existing water treatment works and new bulk water scheme	SIP 4	Designs	350 000	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
62	Polokwane bulk water supply	Capricorn DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 6	Construction	600 000	0
63	Mantsopa bulk water supply phase 2 of 2	Thabo Mofutsanyana DM, Free State	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 18	Construction	250 000	10 000
64	Driefontein Indaka bulk water supply	uThukela DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	378 529	39 399
65	Stellenbosch wastewater treatment works	Cape Winelands DM, Western Cape	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Completed DWS commitment is	304 256	Refer to MIG
66	Mhlabatshane bulk water supply	uGu DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Completed DWS commitment	483 482	Refer to MIG
67	Dukuduku resettlement bulk water supply	uMkhanyakude DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Completed DWS commitment	266 382	Refer to MIG
68	Stephen Dlamini Dam	Harry Gwala DM, KwaZulu-Natal	Dam	Construction of new dam	-	Project preparation	650 000	0
Departmental infrastructure water service projects (i.e. Schedule 6B)								
69	Matoks bulk water supply	Capricorn DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	880 000	0
70	Western Highveld regional bulk water supply	Nkangala DM, Mpumalanga	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Planning	486 000	0
	Western Highveld bulk water supply scheme (Rust de Winter)	Nkangala DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	IRS	643 000	10 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
71	Lebalelo Central and North regional water supply	Sekhukhune DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	600 000	0
72	Nzhelele Valley bulk water supply	Vhembe DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	600 000	0
73	Glen Alpine bulk water supply	Capricorn DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 1	Feasibility	345 000	0
74	Lephalale/ Eskom: Bulk water augmentation	Waterberg DM, Limpopo	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 6	Feasibility	330 000	0
75	Bitou cross border bulk water supply	Eden DM, Western Cape	Waste Water Services	Construction of new bulk sewage conveyance pipelines	SIP 18	Feasibility	250 000	0
76	Sundwana water supply	Amathole DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	591 000	0
77	Mpumalanga Lowveld feasibility studies	Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	800 000	0
78	Emalahleni bulk water supply	Nkangala DM, Mpumalanga	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Feasibility	335 605	0
79	Ohrigstad bulk water supply	Greater Sekhukhune DM, Limpopo	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Feasibility	450 000	0
80	Aganang bulk water supply	Capricorn DM, Limpopo	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Design	350 000	0
81	West Coast desalination plant	West Coast DM, Western Cape	Bulk Water Supply	Construction of new desalination plant	SIP 18	Design	563 212	20 000
82	Butterworth water transfer scheme	Chris Hani DM, Eastern Cape	Bulk Water Supply	Construction of a pipeline and pump station	SIP 18	Construction	400 000	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
83	Matjhabeng bulk sewer (Welkom)	Lejweleputswa DM, Free State	Waste Water Services	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Construction	420 000	0
84	Ndlambe bulk water supply phase 1	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 18	Construction	879 000	60 000
85	Xhora East bulk water supply	Amathole DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	620 227	56 366
86	Meyerton wastewater treatment works	Sedibeng DM, Gauteng	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	257 462	105 000
87	Madibeng bulk water supply phase 2	Bojanala Platinum DM, North West	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 4	Construction	446 585	120 000
88	Nketoana bulk water supply Phase 1 & 2	Thabo Mofutsanyana DM, Free State	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 18	Construction	304 000	80 000
89	Potchefstroom (Tlokwe) 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	Construction	400 000	20 375
90	Sinthumule Kutama bulk water augmentation phase 3 of 3 (including Luvuvhu GWS)	Vhembe DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	751 603	115 332
91	Moutse bulk water supply phase1-15	Greater Sekhukhune DM, Limpopo	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 6	Construction	850 000	75 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
92	Moretele South bulk water supply phase 2 (pipeline)	Bojanala Platinum DM, North West	Bulk Water Supply	Construction of new bulk water scheme	SIP 4	Construction	640 617	35 000
93	Ngwathe bulk sewer phase 2 of 2 (Parys)	Fezile Dabi DM, Free State	Waste Water Services	Upgrade of existing waste water treatment works	SIP 18	Construction	300 000	20 000
94	Dihlabeng bulk water supply (phase 3 of 3)	Thabo Mofutsanyana DM, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	255 000	30 000
95	Giyani bulk water supply drought relief (Nandoni Nsami)	Mopani DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	589 946	114 234
96	Mametja Sekororo bulk water supply phase 1 of 2	Capricorn DM, Limpopo	Waste Water Services	Construction of new bulk water scheme	SIP 18	Construction	310 718	50 000
97	Tokologo regional water supply (phase 2 of 2)	Lejweleputswa DM, Free State	Bulk Water Supply	Upgrade of bulk water scheme	SIP 18	Construction	320 000	100 000
98	Masilonyana bulk water supply phase 2 of 2	Lejweleputswa DM, Free State	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	304 941	153 064
99	Mafikeng South bulk water supply phase 2 & 3 (upgrade of water treatment works)	Ngaka Modiri Molema DM, North West	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	286 648	43 000
100	Welbedacht pipeline (Mangaung)	Mangaung Metro, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	500 000	0
101	Mooihoek/ Tubatse bulk water supply	Greater Sekhukhune DM, Limpopo	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 1	Construction	714 000	30 000
102	Nebo bulk water supply	Greater Sekhukhune DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	978 400	60 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
103	Ratlou BWS phase 2 (Madibogo)	Ngaka Modiri Molema DM, North West	Bulk Water Supply	Construction of new bulk water scheme	SIP 4	Construction	271 000	30 000
104	Driekoppies bulk water supply upgrades phase 1 of 4	Ehlanzeni DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	397 646	100 000
105	Ngqamakwe bulk water supply	Amathole DM, Eastern Cape	Bulk Water Supply	Upgrade of existing water treatment works	SIP 4	Construction	370 000	20 000
106	Kannaland Dam relocation	Eden DM, Western Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Construction	300 000	10 000
C	**Small projects (total project cost of less than R250 million over the project life cycle)**							
Infrastructure transfers for water service projects (i.e. Schedule 5B)								
107	Lady Grey bulk water supply	Joe Gqabi DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	IRS	128 533	0
108	Sterkspruit bulk water supply	Joe Gqabi DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	IRS	50 000	0
109	Coffee bay water treatment works	O R Tambo DM, Eastern Cape	Water Services	Upgrade of existing water treatment works	SIP 18	Feasibility	130 000	0
110	Danielskuil wastewater treatment works	ZF Mgcawu DM, Northern Cape	Waste Water Services	Upgrade of existing water treatment works	SIP 18	Feasibility	12 644	12 644
111	Clanwilliam water treatment works	West Coast DM, Western Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	IRS	31 349	19 471
112	Eerstehoek/ Ekulindeni bulk water supply	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water supply and upgrade of existing water treatment works	SIP 18	Design	115 122	25 000
113	Mandlakazi bulk water supply phase 5	Zululand DM, KwaZulu-Natal	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	94 000	100 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
114	Chris Hani district municipality bulk water supply: Quthubeni (cluster 9) phase 1	Chris Hani DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	255 336	64 814 This is a large project, kindly remove it from here
115	Setsoto bulk water supply phase 3 of 4	Thabo Mofutsanyana DM, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	147 644	132 108
116	Rouxville/ Smithfield/ Zastron bulk water supply (Mohokare)	Xhariep DM, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	180 258	40 000
117	Lushushwane bulk water scheme phase 2 & 3	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water	SIP 6	Construction	120 000	0
118	Upgrade of Balfour wastewater treatment works phase 2 of 2	Gert Sibande DM, Mpumalanga	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	85 455	45 000
119	Bushbuckridge water services: Cunningmore to Newington BWS	Ehlanzeni DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	190 000	23 000
120	Amsterdam bulk water supply (Sheepmore)	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 6	Construction	30 503	40 000
121	Van Wyksvlei groundwater phase 2	Pixley ka Seme DM, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	94 700	67 551
122	Hantam desalination plant (Brandvlei)	Namakwa DM, Northern Cape	Bulk Water Supply	Construction of new desalination plant	SIP 18	Construction	66 569	31 100
123	Loeriesfontein bulk water supply phase 1	Namakwa DM, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	95 442	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
124	Ritchie bulk water scheme phase 2	Frances Baard DM, 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	0
125	Britstown oxidation ponds	Pixley ka Seme DM, Northern Cape	Waste Water Services	Upgrade of existing waste water treatment works	SIP 18	Construction	30 600	0
126	Kathu bulk water supply	John Taolo Gaetsewe DM, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	90 000	0
127	Citrusdal wastewater treatment works phase 2 of 2	West Coast DM, Western Cape	Waste Water Services	Construction of new wastewater treatment works	SIP 4	Construction	52 667	0
128	Tulbagh bulk water supply (Witzenberg)	Cape Winelands DM, Western Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	76 807	19 471
129	Hofmeyer groundwater	Chris Hani DM, Eastern Cape	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 6	Construction	64 000	0
130	Middelburg groundwater supply	Chris Hani DM, Eastern Cape	Bulk Water Supply	Development of borehole to augment existing bulk water scheme	SIP 18	Construction	32 505	7 000
Departmental infrastructure water service projects (i.e. Schedule 6B)								
131	Ikwezi bulk water supply	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Design/Tender	50 557	10 000
132	Kirkwood water treatment works	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Design/Tender	22 186	10 000
133	Misgund bulk water supply	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme and upgrade of existing bulk water scheme	SIP 18	Design/Tender	13 640	10 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
134	Pixley ka Seme bulk water supply	Pixley ka Seme DM, Northern Cape	Bulk Water Supply	Upgrade of existing groundwater water scheme	SIP 18	Feasibility	40 000	0
135	Marydale bulk water supply	Pixley ka Seme DM, Northern Cape	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Completed	11 200	0
136	Kakamas wastewater treatment works	Siyanda DM, Northern Cape	Waste Water Services	Construction of new wastewater treatment works	SIP 18	IRS	50 000	0
137	Nahoon Dam (Buffalo City municipality)	Buffalo City Metro, Eastern Cape	Waste Water Services	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 4	Feasibility	150 000	0
138	Beaufort West bulk water supply	Central Karoo DM, Western Cape	Waste Water Services	Upgrade of existing wastewater treatment works and construction of new wastewater treatment works	SIP 18	IRS	46 283	5 000
139	Ntabankulu bulk water supply	Alfred Nzo DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	245 000	0
140	Kinira regional bulk water supply	Alfred Nzo DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	34 500	0
141	Capricorn master plan	Capricorn DM, Limpopo	Bulk Water Supply	Development of master plan	SIP 18	Master plan	3 100	0
142	Sekhukhune master plan	Greater Sekhukhune DM, Limpopo	Bulk Water Supply	Development of master plan	SIP 18	Master plan	3 100	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
143	Bushbuckridge master plan	Ehlanzeni DM, Mpumalanga	Bulk Water Supply	Development of master plan	SIP 18	Master plan	3 500	0
144	Belmont wastewater treatment works	Sarah Baartman DM, Eastern Cape	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Design	142 000	0
145	Mkemane regional bulk water supply	Alfred Nzo DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Feasibility	52 000	0
146	Trompsburg bulk sewer	Xhariep DM, Free State	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	76 000	0
147	Upgrading of Deneysville wastewater treatment works	Fezile Dabi DM, Free State	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	150 000	30 000
148	Masilonyana bulk sewer (Brandfort and Winburg)	Lejweleputswa DM, Free State	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	70 000	0
149	Reitz upgrading wastewater treatment plant	Thabo Mofutsanyana DM, Free State	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	55 000	0
150	Mantsopa bulk sewer (Ladybrand)	Thabo Mofutsanyana DM, Free State	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Feasibility	30 000	10 000
151	Nebo bulk water supply -De Hoop Augmentation/ North/ South/ Steelpoort	Greater Sekhukhune DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Design	150 192	0
152	Carolina Silobela bulk water scheme	Gert Sibande DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Feasibility	200 000	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
153	Provincial high catalytic projects (Mutash Hub)	Vhembe DM, Limpopo	Bulk Water Supply	Construction of new bulk water scheme for various purposes	SIP 6	Feasibility	200 000	0
154	Greater Letaba Water Augmentation Project distribution: Mopani Works	Mopani DM, Limpopo	Bulk Water Supply	Refurbishment of Nkambako WTW and Babanana[xiv] pipeline	SIP 18	Construction	80 000	24 612
155	Upington / Kameelmond wastewater treatment works	ZF Mgcawu DM, Northern Cape	Waste Water Services	Construction of a new wastewater treatment works in Upington	SIP 18	Construction	85 229	57 904
156	Graaff-Reinet emergency water supply	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	50 798	7 000
157	Sundays River bulk water supply	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Upgrade of existing water treatment works and construction of new bulk water scheme	SIP 18	Construction	106 465	3 000
158	Matatiele bulk water supply	Alfred Nzo DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	182 344	10 000
159	Phumelela bulk water supply phase 2 of 2	Thabo Mofutsanyana DM, Free State	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 18	Construction	166 000	0
160	Maluti-a-Phofung bulk water supply phase	Thabo Mofutsanyana DM, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 3	Construction	240 000	66 000
161	Port Nolloth bulk water supply	Namakwa DM, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	44 057	21 782

[xiv] *Also spelt as Bambanana in the ENE*

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
162	De Aar bulk water supply (De Aar Borehole Development)	Pixley ka Seme DM, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 6	Construction	43 735	0
163	Windsorton to Holpan bulk water supply phase 1 (pipeline)	Frances Baard DM, Northern Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	43 850	0
164	Warrenton water treatment works	Frances Baard DM, Northern Cape	Bulk Water Supply	Upgrade of existing water treatment works and new bulk water scheme	SIP 18	Construction	30 629	21 221
165	Mafube bulk sewer phase 2 of 2	Fezile Dabi DM, Free State	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	126 000	0
166	Vanderkloof/ Renosterberg bulk water supply phase 1	Pixley ka Seme DM, Northern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 18	Construction	32 050	Refer to MIG
167	Sibange bulk water supply phase 1 of 2	Ehlanzeni DM, Mpumalanga	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	108 656	60 000
168	Oudtshoorn groundwater supply	Eden DM, West Cape	Waste Water Services	Provision of groundwater development	SIP 18	IRS / Construction	190 000	0
169	Vanrhynsdorp raw water supply	West Coast DM, Western Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	IRS / Design	83 239	0
170	Klawer bulk water supply	West Coast DM, Western Cape	Bulk Water Supply	Augmentation of existing bulk water scheme from boreholes	SIP 18	IRS / Design	25 669	5 000
171	Ladismith wastewater treatment works	Eden DM, Western Cape	Bulk Water Supply	Upgrade of existing wastewater treatment works	SIP 18	Construction	77 458	30 000
172	James Kleynhans bulk water supply	Sarah Baartman DM, Eastern Cape	Bulk Water Supply	Augmentation of existing bulk water scheme	SIP 18	Construction	66 000	66 000

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
173	Upgrade of Delmas wastewater treatment works phase 2	Nkangala DM, Mpumalanga	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	75 676	0
174	Makana bulk sewer	Cacadu DM, Eastern Cape	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	15 000	10 000
175	Mayfield wastewater treatment works	Cacadu DM, Eastern Cape	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	72 473	10 000
176	Mount Ayliff bulk peri-urban water supply	Alfred Nzo DM, Eastern Cape	Bulk Water Supply	Construction of new bulk water scheme	SIP 6	Construction	187 358	75 000
177	Rothdene pump station and raising main	Sedibeng DM, Gauteng	Waste Water Services	Upgrade of existing wastewater treatment works	SIP 18	Construction	37 442	80 000
178	Ladismith wastewater treatment works	Eden DM, Western Cape	Bulk Water Supply	Upgrade of existing wastewater treatment works	SIP 18	Construction	77 458	30 000
179	Douglas water treatment works upgrading	Frances Baard DM, Northern Cape	Bulk Water Supply	Upgrade of existing water treatment works	SIP 18	Construction	14 750	0
180	Clanwilliam/ Lamberts Bay regional water supply (Cederberg desalination plant)	West Coast DM, Western Cape	Bulk Water Supply	Upgrade of existing bulk water scheme	SIP 18	Construction	61 500	36 586
181	Ficksburg Bucket Eradication Programme	Thabo Mofutsanyane DM	Bulk Bucket	Construction of sewer mains and pump station	SIP 18	Construction	60 641	26 083
182	Ficksburg Bulk Sanitation	Thabo Mofutsanyane DM	Bulk Bucket	Construction of sewer mains and pump station	SIP 18	Procurement	60 000	0
183	Reitz Bucket Eradication Programme	Thabo Mofutsanyana DM, Free State	Bulk Infrastructure	Construction of sewer main	SIP 18	Construction	40 656	40 656

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
184	Reitz Bulk Sanitation	Thabo Mofutsanyana DM, Free State	Bulk Reticulation	Construction of sewer mains and pump station	SIP 18	Procurement	13 000	0
185	Lindley Bucket Eradication Programme	Thabo Mofutsanyane DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	82 429	0
186	Clocolan Bucket Eradication Programme	Thabo Mofutsanyana DM, Free State	Bulk Bucket	Construction of sewer main and pump station	SIP 18	Construction	70 000	0
187	Clocolan Bucket Eradication Programme	Thabo Mofutsanyana DM, Free State	Bulk Infrastructure	Construction of sewer mains, pump station	SIP 18	Construction	53 216	50 280
188	Clocolan Bulk Sanitation	Thabo Mofutsanyana DM, Free State	Bulk Bucket	Construction of sewer mains	SIP 18	Procurement	60 000	0
189	Senekal Bucket Eradication Programme	Thabo Mofutsanyana DM, Free State	Bulk Infrastructure	Construction of sewer mains, pump station and package plant	SIP 18	Construction	79 370	29 303
190	Senekal Bucket Sanitation	Thabo Mofutsanyana DM, Free State	Bulk Bucket	Construction of sewer mains	SIP 18	Procurement	40 000	0
191	Senekal Bucket Sanitation	Thabo Mofutsanyana DM, Free State	Bulk Bucket	Construction of sewer mains, pump station	SIP 18	Procurement	15 000	0
192	Senekal Bucket Sanitation	Thabo Mofutsanyana DM, Free State	Bulk Infrastructure	Construction of sewer package plant	SIP 18	Procurement	35 000	0
193	Arlington Bulk Sanitation	Thabo Mofutsanyane DM	Bulk Infrastructure	Construction of sewer main sand package plant	SIP 18	Construction	74 084	74 084
194	Arlington Bulk Sanitation	Thabo Mofutsanyane DM	Bulk Bucket	Construction of sewer mains	SIP 18	Procurement	50 000	0

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
195	Arlington Bulk Sanitation	Thabo Mofutsanyane DM	Bulk Bucket	Construction of sewer package plant	SIP 18	Procurement	35 000	0
196	Petrus Steyn Bucket Eradication Programme	Thabo Mofutsanyane DM	Bulk Infrastructure	Construction of sewer mains	SIP 18	Construction	12 501	12 501
197	Petrus Steyn Bulk Sanitation	Thabo Mofutsanyane DM	Bulk Bucket	Construction of sewer mains	SIP 18	Procurement	28 000	0
198	Hertzogville Bucket eradication Programme	Lejweleputswa DM, Free State	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	67 079	0
199	Hertzogville Bulk Sanitation	Lejweleputswa DM, Free State	Bulk Bucket	Construction of sewer mains	SIP 18	Procurement	10 000	0
200	Dealesville Bucket Eradication Programme	Lejweleputswa DM, Free State	Bulk Infrastructure	Construction of sewer main, pump station ,grey water recycling package plant	SIP 18	Construction	20 797	20797
201	Dealesville Bulk Sanitation	Lejweleputswa DM, Free State	Bulk Bucket	Construction of sewer mains	SIP 18	Procurement	15 000	0
202	Dealesville Bulk Sanitation	Lejweleputswa DM, Free State	Bulk Bucket	Construction of sewer pump station	SIP 18	Procurement	15 000	0
203	Dealesville Bulk Sanitation	Lejweleputswa DM, Free State	Bulk Bucket	Construction of sewer package plant	SIP 18	Procurement	35 000	0
204	Heilbron Bucket Eradication Programme	Fezile Dabi DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	15 828	0
205	Griekwastad Bucket Eradication Programme	Prixley Ka Seme DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	50 773	0

Project name		Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
206	Victoria West Bucket Eradication Programme	Prixley Ka Seme DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	73 611	0
207	Campbell and Griewkastad Bucket eradication Programme	Siyancuma DM, Northern Cape	Bulk Infrastructure	Pump station, Outfall sewer and inlet works in Oxidation Ponds	SIP18	Construction	56 728	34 262
208	Campbell and Griewkastad Bucket eradication Programme	Siyancuma DM, Northern Cape	Reticulation	Construction of internal reticulation, toilets, house connection and reticulation network	SIP 18	Construction	7 806	4 672
209	Maranteng Bucket eradication Programme	Siyanda DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	42 808	0
210	Postdene Bucket eradication Programme	Siyanda DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	39 254	0
211	Louisvale Bucket eradication Programme	Siyanda DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	93 248	0
212	Louisvale Bucket Sanitation	Siyanda DM	Bulk Bucket	Construction of sewer package plant	SIP 18	Procurement	10 000	0
213	Rosedale Bucket eradication Programme	Siyanda DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	151 420	0
214	Fraser Moleketi Bucket eradication Programme	Francis Baard DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	10 000	0
215	Motswedimosa Bucket eradication Programme	Siyanda DM	Bulk Bucket	Construction of water and sewer reticulation	SIP 18	Construction	11 000	0

	Project name	Location	Output	Project description	SIP category	Current project stage	Total project cost in R'000	2021/22 project allocation in R'000
216	Makana Outfalll Sewer	Cacadu DM	Bulk Bucket	Construction of a 3.5 km outfall sewer	SIP 18	Procurement	15 000	0
217	Mount Ayliff Bulk Water Supply	Alfred Nzo DM	Bulk Water Supply	Construction of new bulk water scheme to augment existing bulk water scheme	SIP 6	Construction	208 752	75 000

11 Public Private Partnerships

PPP	Purpose	Outputs	Current Value of Agreement	End Date of Agreement
NOT APPLICABLE				

PART D: Technical Indicator Descriptions (TID)

Programme 1: Administration

PPI No: 1.1.1 Percentage compliance with approved audit plan

Indicator Title	Percentage compliance with approved audit plan
Definition	This ensures that the requirements of the PFMA.prescripts are met
Source of data	• Three-year and annual internal audit plan for the Main Account approved by June 2021 • Three-year and annual internal audit plan for the Water Trading Entity approved by June 2021 • Quarterly progress reports • Internal Audit Charter approved by June 202 • Internal IA assessment report approved by July 2021 • Report detailing Internal Audit's Opinion on the Internal Controls of the Department • Compliance and Performance Audit reports for planned audits completed by 31 March 2022 (Main Account) • Compliance and Performance Audit reports for planned audits completed by 31 March 2022 (Water Trading Entity) • Reports for planned IT audit completed by 31 March 2021 (Main Account) • Reports for planned IT audit completed by 31 March 2021 (Water Trading Entity) • Signed Appointment letters for the Audit Committee Members by 31 September 2020 • Audit Committee Charter approved by June 2021 • Audit Committee Year Planner approved by June 2021 • The AC Report for the Annual Report • Forensic Audit Reports
Method of calculation/Assessment	If the number of reports managed is given the value "x" and the total number of all reports within a given period is given the value "y" the formula is as follows: $y\% = \frac{x}{y} \times 100$
Means of verification	Reports will be produced constituting 80% compliance with approved audit plan
Assumptions	The reports will be produced on time
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	80%
Indicator responsibility	Departmental Management

PPI No: 1.1.2: Percentage compliance with the implementation of risk management plan

Indicator Title	Percentage compliance with the implementation of risk management plan
Definition	It is a risk implementation plan that the department uses to covers various risk activities
Source of data	• Quarterly Risk report s to Risk Management Committee. • Risk management framework • Risk management strategy • Risk management policy • ToR for risk management committee • Minutes of RMC meeting • Strategic risk register
Method of calculation/Assessment	If the total number of reports to be submitted is 10: (Quarterly Risk report to Risk Management Committee, Risk Management Framework, Risk Management strategy, Risk Management policy, ToR for Risk Management Committee, Minutes of RMC meeting, Strategic Risk Register, Quarterly Risk report to RMC, Quarterly Risk Report to RMC and quarterly Risk Management Report to the RMC) is given the value 'y' and the total number of reports submitted for a particular period is Q1 : 7: Q2: 1, Q3: 1 and Q4: 1. (Quarterly Risk report to Risk Management Committee, Risk Management Framework, Risk Management Strategy, and Risk Management policy, ToR for Risk Management Committee, Minutes of RMC meeting, and Strategic Risk Register) is given the value 'x'. the formula is as follows: $\gamma\% = \frac{x}{y} \times 100$
Means of verification	Document verification includes: • Quarterly Risk report ; Risk Management Framework ; Risk Management Strategy, Risk Management policy , ToR for Risk Management Committee ;Minutes of Risk Management Committee meeting and Strategic Risk Register
Assumptions	Between 80-90 % of the targets will be achieved, it is assumed that Top Management may assign additional work during the cause of the year to the Risk Management Unit which may negatively affect the component from achieving planned targets.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	100 % compliance with the implementation of risk management plan
Indicator responsibility	Departmental Management

PPI No 1.1.3: Percentage vacancy rate for engineers and scientists

Indicator Title	Percentage vacancy rate for engineers and scientists
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
Source of data	Persal system
Method of calculation/Assessment	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: γ%=*xŷ*×100
Means of verification	Quarterly report drawn from the Persal System.
Assumption	Acceptance letters
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	≤10%
Indicator responsibility	Corporate Support Services

PPI No 1.1.4: Percentage of training interventions implemented in the department

Indicator Title	Percentage of training interventions implemented in the department
Definition	This measures the extent to which the department implements planned training interventions as identified in the Annual Workplace Skills Plan, thereby developing employees' performance and enhancing the overall performance of the Department.
Source of data	Quarterly training report
Method of calculation/Assessment	If the number of reported training is given the value "x" and the number of training is given the value ÿ" the formula is as follows: y%=y/x*100
Means of verification	Training commitment forms and training reports
Assumption	Budget allocation to fund the intervention, availability of employees to attend training
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	50% training intervention
Indicator responsibility	Corporate Support Services

PPI No 1.1.5: Number of safety and security assessments for facilities and installations conducted

Indicator Title	Number of safety and security assessments for facilities and installations conducted
Definition	This measures the extent in which the department manages the safety and security of facilities
Source of data	Reports
Method of calculation/Assessment	Quarterly assessments reports
Means of verification	Nominal count of number of reports submitted
Assumption	Assessment plan and assessment reports
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	64 safety and security assessments
Indicator responsibility	Corporate Support Services

PPI No 1.1.6: Percentage of information technology systems availability

Indicator Title	Percentage of information technology systems availability
Definition	This measures the extent in which the department have the availability of its information technology network system
Source of data	Statically information relating to the uptime/downtown of information technology network systems
Method of calculation/Assessment	Statistical
Means of verification	Retrospective analysis of network systems
Assumption	Availability of electrical power, agility of SCM process, responsiveness and agility of outside role-players (i.e. SITA)
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	90% information technology (IT) systems available
Indicator responsibility	Corporate Support Services

PPI No 1.2.1: Percentage implementation of the 2021/2022 Annual Communications, Stakeholder Management, and Partnership Programme

Indicator Title	Percentage implementation of the 2021/2022 Annual Communications, Stakeholder Management, and Partnership Programme
Definition	This measures the extent in which the department assesses the implementation of its approved Annual Communications, Stakeholder Management and Partnership programme.
Source of data	An annual Communications, Stakeholder Management and Partnership programme will be developed with reports on its implementation. The document verification includes: • The approved Annual Communications, Stakeholder Management and Partnership programme • Quarterly reports on the implementation of the Annual Communications, Stakeholder Management and Partnership Programme
Method of Calculation/ Assessment	If the number of implemented Communications, Stakeholder Management and Partnership activities (i.e. media relations, content development, public relations, branding, awareness campaigns, events and conferencing, stakeholder management engagements and partnership activities) is given the value "x" and the total number of Communications, Stakeholder Management and Partnership activities in the approved communications programme (i.e. media relations, content development, public relations, branding, awareness campaigns, events and conferencing, stakeholder management engagements and partnership activities) is given the value "y" the formula is as follows: $\gamma\% = x/y \times 100$
Means of verification	The document verification includes: The approved Annual Communications, Stakeholder Management and Partnership programme Quarterly reports on the implementation of the Annual Communications, Stakeholder Management and Partnership Programme

Indicator Title	Percentage implementation of the 2021/2022 Annual Communications, Stakeholder Management, and Partnership Programme
Assumptions	The assumption is that Public Participation Programmes will contribute to changing the communities' perception about service delivery by the department. The assumption is that Public Education Programmes will encourage behavioural change with regard to water conservation and water demand management as well as proper practices on health and hygiene. The assumption is that stakeholder engagement will improve the relationship between government/the department and stakeholders (communities, business, other government departments) The assumption is that social facilitation will ensure that communities at grassroots levels are well informed and empowered to participate in government departmental programmes and projects. The assumption is that when engaging affected councillors and local government around departmental projects, they have the best interest of the community at heart. The assumption is that internal activations will bring a change in staff perception and understanding of Government Programme of Action as well as achieving a buy in and their transformation into Departmental ambassadors. Adoption and willingness to implement departmental policies by staff. A clear understanding of Departmental Corporate ID and programmes by members of the public through branding and marketing. The assumption of media briefings and media products is that communities will be empowered and in turn change their views about government which is often perceived as corrupt and not delivering services to the public. The assumption is that partnerships will be sustained to the benefit of our communities and all stakeholders.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly,
Desired performance	97% implementation of the Annual Communications, Stakeholder Management and Partnership programme
Indicator responsibility	Corporate Support Services

PPI No 1.3.1: Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)

Indicator Title	Percentage of targeted procurement budget spent on qualifying small enterprises (QSE)
Definition	This measures the extent in which the Department empowers qualifying small enterprises through the procurement of goods and services in line with the Departmental SCM policy.
Source of data	Supply chain database
Method of calculation/Assessment	If the total procurement is given the value "y" and the total procurement from QSE is given the value "x" the formula is as follows: $\gamma\% = \frac{x}{y} \times 100$
Means of verification	Purchase orders
Assumption	The specifications will incorporate targets for designated groups (i.e. women, youth and people with disabilities
Disaggregation of Beneficiaries (where applicable)	40% for women 30% for youth 7% for people with disabilities
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	15% of targeted procurement from qualifying small enterprises
Indicator responsibility	Chief Financial Officer

PPI No 1.3.2: Percentage of targeted procurement budget spent on exempted micro enterprises (EME)

Indicator Title	Percentage of targeted procurement budget spent on exempted micro enterprises (EME)
Definition	This measures the extent in which the Department empowers exempted micro enterprises through the procurement of goods and services in line with the Departmental SCM policy.
Source of data	Supply chain database
Method of calculation/Assessment	If the total procurement is given the value "y" and the total procurement from EME is given the value "x" the formula is as follows: $y\% = \frac{x}{y} \times 100$
Means of verification	Purchase orders
Assumption	The specifications will incorporate targets for designated groups (i.e. women, youth and people with disabilities
Disaggregation of Beneficiaries (where applicable)	• 40% for women • 30% for youth • 7% for people with disabilities
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	15% of targeted procurement from exempted micro enterprises
Indicator responsibility	Financial Management

PPI No 1.4.1: Percentage implementation of the financial recovery and turnaround plan

Indicator Title	Percentage implementation of the financial recovery and turnaround plan
Definition	This measures the extent to which the Key deliverables of the Financial Recovery Plan have been implemented. The analysis assesses the achievement of the following broad strategies: Funding and budget management, Expenditure control, financial governance and accountability, Alignment of strategic intent.
Source of data	Reports on the implementation progress against the Financial Recovery Plan • Implementation of Audit Action Plan Report • Bank Balance Report • In Year Monitoring Report • Accruals Report • Revenue Management Payment Report • Fruitless and Wasteful Expenditure Condonations Report • Irregular Expenditure Condonations report • Approved budget, Demand Management Plan, Annual Performance Plan, Medium Term Expenditure Framework and Adjusted Estimates of National Expenditure. • Quarterly Assets Reconciliation Reports
Method of calculation/Assessment	If the number of reports managed is given the value "x" and the total number of all reports within a given period is given the value "y" the formula is as follows: $y\% = x/y \times 100$
Means of verification	Portfolio of evidence/ Reports
Assumptions	The reports will be produced on time
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	90% compliance with financial recovery plan and turnaround
Indicator responsibility	Financial Management

PPI No 1.4.2: Percentage expenditure on annual budget

Indicator Title	Percentage expenditure on annual budget
Definition	This measures the extent in which the department spends its appropriated budget within a given financial year.
Source of data	Financial management system
Method of calculation/Assessment	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: $y\% = x/y \times 100$
Means of verification	In-Year Monitoring tool
Assumption	Monthly expenditure
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	100% expenditure
Indicator responsibility	Financial Management

PPI No 1.4.3: Number of debtor days

Indicator Title	Number of debtor days
Definition	This measures the extent in which the department's Water Trading Entity reduces the number of outstanding debt within a given financial year.
Source of data	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.
Method of Calculation/ Assessment	Trade Debtors – Impairment Sales (Billing) x number of days in financial year (as at reporting period)
Means of verification	Actual Debtors recovery days
Assumptions	Trade receivables are calculated nett of Impairment.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	Reduce the number of debtor days to 120 days
Indicator responsibility	Financial Management

PPI No 1.5.1: Percentage implementation of 2021/22 annual International Relations programme

Indicator Title	Percentage implementation of 2021/22 annual International Relations programme
Definition	This measures the extent in which the approved International Relations Implementation Plan is implemented.; and it consist of the following: • The new strategic cooperation's initiated with countries in Africa and Globally • The existing agreement with countries in Africa and globally • The obligatory multilateral platforms
Source of data	• Outcomes from the engagements with water sector partners • Attendance register, signed back to office reports and other related reports • Foreign policies and • Country and departmental priorities
Method of Calculation/ Assessment	The total number of implementation of 2021/22 International Relations programme that will include the following [2 new cooperation's, implementation of 11 existing agreements and 21 obligatory water and multilateral platforms], will be given as an X. What is required to be implemented on the International Relations programme will be given as Y. The total of all 2021/22 International Relations programme is 34 and that constitute 75% $y\% = x/y \times 100$
Means of verification	Signed Agreement, MoU's, reports and attendance registers
Assumptions	Signed summary notes
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	75% implementation of 2021/22 annual International Relations programme
Indicator responsibility	Provincial and International Coordination

Programme 2: Water Resources Management

PPI No 2.1.1: 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
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.
Source of data	Water resource databases supported by water resource classes gazettes and published resource quality objectives
Method of Calculation/ Assessment	This will be the gazetted water resource classes and resource quality objectives for the following river system:
Means of verification	Final gazette
Assumptions	Addressing concerns from stakeholder during the study may delay the finalisation of the study
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	0 Review the implementation plan for the water resource classes and the RQOs (Thukela)
Indicator responsibility	Water Ecosystems Management

PPI No 2.1.2: Number of river systems monitored for the implementation of resource directed measures

Indicator Title	Number of river systems monitored for the implementation of resource directed measures
Definition	This monitors the river systems in which resource directed measures have been implemented
Source of data	Data will be obtained from the various monitoring systems in place of which the water management system will be the main source
Method of Calculation/ Assessment	The river systems in which RDMs are implemented will be monitored and assessed against the desired water quality outcomes of the individual systems
Means of verification	Information obtained from the various monitoring programs will be compared
Assumptions	The budget from Head and Regional Offices as allocated will remain stable; manageable staff turn-over and stable climate conditions
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	2 (Inkomati and Berg Olifants) River systems final report
Indicator responsibility	Water Resources Regulation

PPI No 2.1.3: 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
Definition	This monitors the number of river systems in which the system's ecological health is measured through the implementation of the River Eco-status Monitoring Programme
Source of data	A database of river eco-status indicators is maintained.
Method of Calculation/ Assessment	This will be the number of river systems as specified
Means of verification	Forms filled in, in the field when conducting monitoring of the river systems.
Assumptions	Head office and regional budgets as allocated will remain stable, manageable staff turnover, stable climatic conditions
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	81 river systems in which the River Eco-status Monitoring Programme is implemented
Indicator responsibility	Water Resources Information and Management

PPI No 2.2.1: Number of catchment strategies and plans developed for mine water and wastewater treatment works

Indicator Title	Number of catchment strategies and plans developed for mine water and wastewater treatment works
Definition	This will be the formulation of strategies to respond to mine water and/ or waste water (sewage) impacts in priority catchments
Source of data	GIS; catchment assessments and Green Drop reports/ water quality assessments
Method of calculation / Assessment	Mitigation strategies for • Upper Vaal • Crocodile
Means of verification	Site visit reports and/ or water quality data reports
Assumption	Reliable mine data and water quality monitoring in place
Disaggregation of beneficiaries (where applicable	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non- Cumulative
Reporting cycle	Quarterly
Desired performance	2 catchment strategies and plans developed for mine water and wastewater treatment works
Indicator responsibility	Water Resources Regulation

PPI No 2.2.2: Number of catchment plans implemented for mine water and waste water management

Indicator Title	Number of catchment plans implemented for mine water and waste water management
Definition	This will be the application of interventions to deal with mine water and/ or waste water (sewage) impacts in priority catchments
Source of data	Catchment assessments and Green Drop reports/ water quality assessments
Method of calculation / Assessment	Implementation Plan for Vaal
Means of verification	Site visit reports and/ or water quality data reports
Assumption	Reliable water quality data and monitoring systems in place
Disaggregation of beneficiaries (where applicable	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	1 Vaal
Indicator responsibility	Water Resources Regulation

PPI No 2.2.3: Waste Discharge Charge System (WDCS) piloted country wide

Indicator Title	Waste Discharge Charge System (WDCS) piloted country wide
Definition	To pilot the WDCS project in the water management areas
Source of data	WMS and WARMS
Method of calculation/Assessment	WDCS piloted in the following: • Vaal • Crocodile (West) - Limpopo and • Olifants
Means of verification	Gap analysis report data on the WARMS data base
Assumption	Data on WARMS database
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Pilot WDCS in 3 WMAs • Vaal • Crocodile (West) - Limpopo and • Olifants
Indicator responsibility	Water Resources Regulation

PPI No 3.1.1: National Water and Sanitation Master Plan (NWSMP) updated

<table>
<tr><th>Indicator Title</th><th>National Water and Sanitation Master Plan (NWSMP) updated</th></tr>
<tr><td>Definition</td><td>The indicator monitors and evaluates the implementation and updating of the National Water and Sanitation Master Plan (NWSMP)</td></tr>
<tr><td>Source of data</td><td>The data source will cover the core elements of the master plan. Water use information is collected from various stakeholders including Government Departments, Catchment Management Agencies, River Basin Organisations, co-basin states, Water Entities affiliated with the Department responsible for water and sanitation, sector groups, Private Companies, Associations and Non Profit Organisations. The representative groups/samples include some of the following;
<table>
<tr><th>No</th><th>Elements</th><th>Sources of Data</th></tr>
<tr><td colspan="3">1 Water and Sanitation Management</td></tr>
<tr><td>1.1</td><td>Reducing Demand and Increasing Supply</td><td>• District municipalities (DMs) water and sanitation services master plans,
• National Water Resource Infrastructure strategy
• Water Services Development Plans
• Sector water plans
• Groundwater strategy</td></tr>
<tr><td>1.2</td><td>Redistribution for Transformation</td><td>• DWS and CMAs for water allocations, Validation and verification reports, Compulsory Licencing processes</td></tr>
<tr><td>1.3</td><td>Managing Effective Water Services and Sanitation</td><td>• District municipalities (DMs) water and sanitation services master plans,
• National Water Resource Infrastructure strategy
• Water Services Development Plans</td></tr>
<tr><td>1.4</td><td>Regulating Water and Sanitation</td><td>• DWS, District Municipalities, Metros (Water and sanitation policies, strategies, regulations)
• SALGA</td></tr>
<tr><td>1.5</td><td>Improving Raw Water Quality</td><td>• DWS, (Ecosystem plans encompassing Classification of water resources, Resource quality objectives and Environmental flows, Integrated Water Quality Management Plans, Water use authorisations, Water quality monitoring reports, e.g. Blue/Green/No drop reports)
• SANBI</td></tr>
<tr><td>1.6</td><td>Protecting and Restoring Ecological Infrastructure</td><td>• DWS, DEA, SANBI (Environmental Authorisations, Record of implementation Decisions, Declarations and Gazettes for Protected areas)</td></tr>
<tr><td colspan="3">2 Enabling Environment</td></tr>
<tr><td>2.1</td><td>Creating Effective Institutions</td><td>• Government gazettes,
• Directives at various levels
• Registry of Water User Associations
• SALGA</td></tr>
<tr><td>2.2</td><td>Managing Data and Information</td><td>• DWS data repositories (Data and information management strategy documents)
• South African Weather Service (SAWs)</td></tr>
<tr><td>2.3</td><td>Building Capacity for Action</td><td>• Metros, Government Departments, District Municipalities, Local Municipalities, (Annual reports of National, Provincial
• Sector Education and Training Authorities (SETAs)
• Professional Registration Bodies (ECSA, SACNASP, etc)
• Further Education and Training institutions
• Higher Education and Training institutions</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>Indicator Title</th><th>National Water and Sanitation Master Plan (NWSMP) updated</th></tr>
<tr><td></td><td>
<table>
<tr><th>No</th><th>Elements</th><th>Sources of Data</th></tr>
<tr><td>2.4</td><td>Ensuring Financial Sustainability</td><td>• National Treasury, budget votes
• DWS budget
• Water Sector Entities, municipalities, research institutions, Water Users Associations, Catchment Management Agencies (Budgets and Annual Financial statements)
• Private Sector Financing Institutions
• Development Finance Institutions/Organisations
• International Finance Institutions
• Development Aid (various institutions)</td></tr>
<tr><td>2.5</td><td>Amending Legislation</td><td>• Government Departments (DWS, COGTA etc), Government gazettes, Legislation and regulations passed
• SALGA</td></tr>
<tr><td>2.6</td><td>Enhancing Research, Development and Innovation</td><td>• Academic and Research Institutions (Water technology innovations
• Private Companies,
• Government Departments</td></tr>
</table>
</td></tr>
<tr><td>Method of Calculation/ Assessment</td><td>The process involves standard methods of monitoring and evaluation, where indicators are developed for each element to suit the data type. The methods of calculation include counts of interventions and /or projects, volumes of water, review of the various source documents to trace indicators, counts of infrastructure, calculation of volumes water saved, re-allocated

The updated National Water and Sanitation Master Plan</td></tr>
<tr><td>Means of verification</td><td>The document verification includes:
• Government gazettes
• Technical reports produced
• Minutes of stakeholder's meetings
• Adopted strategies reflect in Provincial Plans, IDPs and WSDPs of Metros, District and Local Municipalities that are water services providers, and relevant DWS units
• Over the long term, implemented interventions
• Water security</td></tr>
<tr><td>Assumptions</td><td>• Role players will allocate budgets for the interventions
• Stakeholders will participate in the study
• Resources (Human, finance) and expertise available to undertake studies
• Supporting policies in place</td></tr>
<tr><td>Disaggregation of Beneficiaries (where applicable)</td><td>Not applicable</td></tr>
<tr><td>Spatial Transformation (where applicable)</td><td>Not applicable</td></tr>
<tr><td>Calculation type</td><td>Non-Cumulative</td></tr>
<tr><td>Reporting cycle</td><td>Quarterly</td></tr>
<tr><td>Desired performance</td><td>Annual update of the Water and Sanitation Master Plan (NWSMP) and implementation</td></tr>
<tr><td>Indicator responsibility</td><td>Integrated Water Resource Planning</td></tr>
</table>

PPI No 3.1.2: Number of reconciliation strategies completed for various systems (WSS)

Indicator Title	Number of reconciliation strategies completed for various systems (WSS)
Definition	This indicator monitors the continuation /updating of the existing reconciliation strategies to ensure that the previously identified future water requirements reconcile with the available water resources.
Source of data	To model the different scenarios for the areas, data is collected from various water resources databases including but not limited to DWS data sources like WMS, HYDSTRA, and NIWIS. In addition, information is collected from various water user stakeholders including but not limited to Departments of Environmental Affairs, Cooperative Governance and Traditional Affairs, Agriculture, Forestry and Fisheries, District and Local Municipalities, organised agriculture (irrigation boards, unions) , various mines and industries, relevant parastatals (e.g. SANParks – KNP, Eskom) , community representatives organisations such as rate payers organisations, civil society (NGOs, CBOs) , specialists and forums.
Method of Calculation/ Assessment	• The count of reconciliation strategies developed. The studies run over 3 years, with a final report issued in the final year of the study. • Study progress and outputs staggered over the years of the study • The count starts with the current on-going studies
Means of verification	Completed report
Assumptions	Funds allocated for the study is available and ready to be used as per contract signed with psp
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	2 Integrated Vaal WSS and Western Cape WSS
Indicator responsibility	Integrated Water Resource Planning

PPI No 3.1.3: Number of operating rules and specialist strategy studies completed annually for various water supply systems

Indicator Title	Number of operating rules and specialist strategy studies completed annually for various water supply systems
Definition	Annual Operating Rules (AOR) are plans for reconciling annual water availability with requirement schedules of given system over the next water year period - in this case for 8 systems namely; Vaal , Western Cape ; Mgeni , Algoa , Amathole, Crocodile West , Polokwane and Orange water supply systems.
Source of data	To conduct the operating analyses for the dams/schemes, data is collected from various water resources databases including but not limited to WARMS, HYDSTRA. In addition, information is collected from various stakeholders including but not limited to Departments of Traditional Affairs, Agriculture, Forestry and Fisheries, district and local municipalities, Water Users Associations, Catchment Management Agencies, Water boards, mines and industries, relevant parastatals (e.g. Eskom) , community representatives' organisations such as water committees and forums.
Method of Calculation/ Assessment	The final number of systems with AOR adding up to 8, each with the following components: • Water requirement schedules for each system • Water storage levels and availability (from rivers, dams and groundwater) • Annual Operating Rules for each system • Institutional arrangements in the form of a forum for stakeholders to participate in operational decision making. • Monitoring system to measure performance of the schemes
Means of verification	The portfolio of evidence required to verify the validity of data Report on 8 bulk water schemes with 2018 AOR
Assumptions	Factors that are accepted as true and certain to happen without proof Stakeholders cooperation to provide their projected water requirements for the hydrological year
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Annual Operating Rules for 8 large water supply systems (Vaal , Western Cape, Mgeni , Algoa, Amathole , Crocodile West , Polokwane and Orange WSS)
Indicator responsibility	Integrated Water Resource Planning

PPI No 3.1.4: Number of updates climate change for Risk and Vulnerability Assessments completed annually for various water supply systems

Indicator Title	Number of updates for climate change Risk and Vulnerability Assessments completed annually for various water supply systems
Definition	This indicator updates the risk and vulnerability of the Pongola, uMzimkhulu, Berg Olifants and Breede-Gouritz WMAs to climate change related impacts, and develop adaptation options as appropriate.
Source of data	Regional downscaled climate model projections, relevant previous studies and other baseline information For the assessment, information is collected from various sources including but not limited to Reconciliation Strategies for The Pongola- Umzimkhulu WMA, ORASECOM studies, Long Term Adaptation Scenarios Report, NIWIS datasets, Regional Offices of Water and Sanitation, Provincial Department especially Agriculture and Environmental Affairs, Forum meetings, review of journal articles, and site visits to identify existing conditions.
Method of Calculation/ Assessment	By the end of the second quarter 50% of the work will be completed while the rest will be completed by the end of the financial year The final assessment of water resources vulnerability to climate change will include the following issues: • Report on Updated climate change Risk and Vulnerability Assessment and adaption options as appropriate for the Usuthu-Mhlatuze Catchment • Report on Updated climate change Risk and Vulnerability Assessment and adaption options as appropriate for the Thukela Catchment • Report on Updated climate change Risk and Vulnerability Assessment and adaption options as appropriate for the Mvoti-Umzimkulu Catchment Final Report for the Updated climate change Risk and Vulnerability Assessment and adaption options as appropriate for the Pongola-Umzimkhulu WMA
Means of verification	Produce a report every quarter as part of PoE
Assumptions	Climate is happening and the water sector will be impacted upon severely by the impact of climate change
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	The climate change vulnerability assessment for the Pongola, uMzimkhulu, Berg Olifants and Breede-Gouritz updated and adaptation options developed and refined as appropriate
Indicator responsibility	Integrated Water Resource Planning

PPI No 3.1.5: 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
Definition	This monitors the number of bulk raw water projects under the planning stage with completed Record of Implementation Decisions (RID)
Source of data	The existence of a Record of Implementation decision
Method of Calculation/ Assessment	These will be the completed Record of Implementation Decisions (RID) for bulk raw water planning projects
Means of verification	A signed RID report for each relevant study
Assumptions	Accuracy of data from the sector and cooperation of affected stakeholders
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Annual during the year of target delivery
Desired performance	0 (Annual monitoring and evaluation report for Xhariep Pipeline, Clanwilliam Bulk Conveyance Infrastructure and Lower Coerney Balancing Dam)
Indicator responsibility	Integrated Water Resource Planning

PPI No 3.2.1: Number of water resources monitoring programmes reviewed and maintained

Indicator Title	Number of water resources monitoring programmes reviewed and maintained
Definition	A report on the number of water resources monitoring programmes that have been reviewed and maintained with the objectives and schedules for the maintenance of monitoring networks achieved and recommendations for improvement as part of the hydrological inputs towards an overview of the state of water in South Africa with interpreted and recommended actions.
Source of data	DWS databases and systems, reports, South Africa Weather Services, surface and ground water flow records, status of dams and the report on Hydrological Extremes (droughts and floods) network review and maintenance reports from DWS Regions as well as from other water-sector data users and related Institutions
Method of Calculation/ Assessment	Number of monitoring programmes with available final reports ; that will include interpreted, assessed data/ information, formalised recommendations for action to be taken and its distribution
Means of verification	Quarterly report on the number of water resources monitoring programmes that have been reviewed and maintained
Assumptions	The budget as allocated will remain stable, manageable staff turnover, stable climatic conditions
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired Performance	4 programmes • Surface Water • Ground Water • National Chemical Monitoring Programme and • National Eutrophication monitoring Programme
Indicator Responsibility	Water Resources Information and Management

PPI No 3.2.2: Number of Water and Sanitation information systems maintained

Indicator Title	Number of Water and Sanitation information systems maintained
Definition	This indicator will be used to monitor the number of major computerised information systems successfully developed and maintained to the prescribed operational requirement with at least 95% system availability per month. It measures the operational status of the six water information systems and the provision of water information (quantity and quality) by the DWS National Information Systems.
Source of data	The flow and flood information products are required for the safe and effective operation of major water infrastructure in order to inform water supply and to support flood management. In order to achieve that, the Information Systems is maintained and operated daily and this is made possible by the IT Service Provider engaged through service level agreements managed through the Office of the CIO. This indicator monitors compliance with the SLA. Data will be obtained from the portfolio managers and processed through each information system (HYDSTRA, National Groundwater Information system, Water Management System, Flood management Systems on (i) if the development project is on track, and (ii) if the system was operational for more than the minimum required period per month. (Minor developments to be done within the ambit of the SLA. NIWIS imports data from various existing DWS legacy systems as well as from the N-drive for unstructured (Excel spread sheets) sources. The GIS import data from Existing Data sets, spatial data, RS, aerial photography data, field data as well as data sourced from external stakeholders and private sector. The operation of the FMS is dependent on real-time river flow and rainfall data collected through DWS monitoring networks; and weather information (reports and forecasts) from the South African Weather Service and the MESA donated satellite based weather information receiver and processing workstation installed at Vaal Dam. Whether or not the system was operational or operated on a given weekday is determined by the availability of flow and flood information products on the Hydrology website and archives in HYDSTRA. System development and maintenance work is captured in plans and deliverables which are signed-off monthly.
Method of Calculation/ Assessment	Number of major information systems available and operational at not less than 95% of the time monthly; as well as the signing-off; the planned maintenance activities and deliverables per system
Means of verification	Quarterly report on the number of major computerised information systems successfully developed and maintained to the prescribed operational requirement
Assumptions	Departmental IT contract in place, IT infrastructure stable, the budget as allocated will remain stable, manageable staff turnover
Disaggregation of Beneficiaries (where applicable)	Not applicable le
Spatial Transformation (where applicable)	Not applicable le
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	6 (National Integrated Water Information System , Hydrological Information System , National Geohydrological Information System , Water Management System, geographical Information System and Flood Monitoring and Forecasting System)
Indicator responsibility	Water Resources Information and Management

PPI No 3.2.3: National Digitised Integrated Water and Sanitation Monitoring System Implemented

Indicator Title	National Digitised Integrated Water and Sanitation Monitoring System Implemented
Definition	The design of a national digitised integrated water monitoring system will consist of innovative water quantity and quality status measurement, data and information management (acquisition, real-time transmission, reception, processing, dissemination, archiving, etc.) and communication modules linking various components in the water and sanitation information management value chain
Source of data	Monitoring components across the water & sanitation value chain
Method of Calculation/ Assessment	Using business rules as per user requirements, system will manipulate monitored data
Means of verification	Report of work completed,
Assumptions	SCM processes are efficient, PSP with the right expertise is appointed
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non- Cumulative
Reporting cycle	Quarterly
Desired performance	Solution architecture of a National Digitised Integrated Water and Sanitation Monitoring System
Indicator responsibility	Water Resources Information and Management

PPI No 3.3.1: Number of water resource gauging stations weirs constructed

Indicator Title	Number of water resource gauging stations / weirs constructed
Definition	The definitions are as follows: 1) **Gauging station:** site on a stream, canal, lake, or reservoir where systematic observations of gauge height (water level) or discharge are obtained. From the continuous records obtained at these stations, hydrologists make predictions and decisions concerning water level, flood activity and control, navigation.[13] 2) **Water quantity:** pattern, timing, water level and assurance of instream flow 3) **Water quality**: chemical, physical, and biological characteristics of water bodies (i.e. rivers, dams, lakes, wetlands, estuaries and ground water)
Source of data	Data is collected directly from the gauging sites (stations) and stored in the databases
Method of Calculation/ Assessment	Numbers (of surface water monitoring sites)
Means of verification	On-site (local) inspections
Assumptions	• High flows in rivers may cause delays on site. • Problems may be experienced with supply chain to obtain material in time on site, etc. • Problems may be experienced with environmental approvals and inspections. • Problems may be experienced to obtain approvals to conduct the required site inspections on at least monthly basis
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	1 Lindley Gauging station
Indicator responsibility	Water Resources Information and Management

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[13] *Source: https://www.britannica.com/science/gauging-station*

PPI No 3.3.2: Number of water resource gauging stations / weirs refurbished

Indicator Title	Number of water resource gauging stations / weirs refurbished
Definition	The definitions are as follows: 1) Gauging station: site on a stream, canal, lake, or reservoir where systematic observations of gauge height (water level) or discharge are obtained. From the continuous records obtained at these stations, hydrologists make predictions and decisions concerning water level, flood activity and control, navigation. 2) **Water quantity:** pattern, timing, water level and assurance of instream flow 3) **Water quality:** chemical, physical, and biological characteristics of water bodies (i.e. rivers, dams, lakes, wetlands, estuaries and ground water)
Source of data	Data is collected directly from the gauging sites (stations) and stored in the databases
Method of Calculation/ Assessment	Numbers (of surface water monitoring sites)
Means of verification	On-site (local) inspections
Assumptions	• High flows in rivers may cause delays on site. • Problems may be experienced with supply chain to obtain material in time on site, etc. • Problems may be experienced with environmental approvals and inspections. • Problems may be experienced to obtain approvals to conduct the required site inspections on at least monthly basis
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	0
Indicator responsibility	Water Resources Information and Management

PPI No 3.4.1: Number of bulk raw water projects in preparation for implementation

Indicator Title	Number of bulk raw water projects in the preparation for implementation
Definition	This monitors the number of bulk raw water projects in the preparation for implementation for the construction phase within a given financial year.
Source of data	The following needs to be in place for a project to be considered in the preparation for implementation: Record of Implementation Decisions, Environmental Authorisation, Funding arrangements, Institutional arrangements, Regulatory licences (licence-to-construct, WUL, mining permit, etc.) , Access to land, Engineering designs, Tender documentation and Appointment of service providers
Method of Calculation/ Assessment	The following projects will be in the preparation for implementation: • ORWRDP 2D • Nwamitwa Dam • Lusikisiki Regional Water Supply Scheme: Zalu Dam • ORWRDP 2E • Coerney Dam
Means of verification	Documents detailing the various aspects of the project's readiness for implementation.
Assumptions	Availability of the requisite financial, technical, institutional and human resources to support optimal project performance.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	5 bulk raw water projects in the preparation for implementation
Indicator responsibility	Water Resources Information and Management

PPI No 3.4.2: Number of bulk raw water projects under construction

Indicator Title	Number of bulk raw water projects under construction
Definition	This monitors the number of bulk raw water projects that are under construction within a given financial year.
Source of data	A number of progress reports, compliance monitoring and performance audit reports, and minutes of meetings (including photographic evidence) are compiled to track projects during construction phase.
Method of calculation/Assessment	The following projects will be under construction: • Tzaneen Dam • Hazelmere Dam • Clanwilliam Dam • Mzimvubu Water Project : (Stage 1 Advance Works)
Means of verification	Documents detailing project performance during construction.
Assumptions	Availability of the requisite financial, technical, institutional and human resources to support optimal project performance.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	4 bulk raw water projects under construction
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.4.3: Number of bulk raw water projects completed

Indicator Title	Number of bulk raw water projects completed
Definition	This monitors the number of bulk raw water projects completed within a given financial year.
Source of data	• Completion certificates • Taking-over certificates • Project close-out reports
Method of calculation/ Assessment	No project will be completed
Means of verification	Documents detailing the completion of the project.
Assumptions	Availability of the requisite financial, technical, institutional and human resources to facilitate project completion.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	0
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.5.1: Percentage scheduled maintenance projects completed as a proportion of planned maintenance projects

Indicator Title	Percentage scheduled maintenance projects completed as a proportion of planned maintenance projects
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.
Source of data	AMP aligned Maintenance Plan for the financial year
Method of calculation/ Assessment	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: $y\% = x/y \times 100$
Means of verification	The portfolio of evidence ; Completion Certificates
Assumptions	Capacity successfully sourced via maintenance Term Contractors. Technical Positions Files; and Adequate Budget
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	50%
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.5.2: 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
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.
Source of data	AMP aligned Maintenance Plan for the financial year
Method of calculation/ Assessment	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: $y\% = x/y \times 100$
Means of verification	The portfolio of evidence ; Completion Certificates
Assumptions	Capacity successfully sourced via maintenance Term Contractors. Technical Positions Files; and Adequate Budget
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	≤30%
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.5.3: Number of dam safety evaluations completed

Indicator Title	Number of dam safety evaluations completed
Definition	This monitors the number of dams evaluations completed for safety in accordance to the National Water Act, Chapter 12 within a given financial year through the implementation of the dam safety evaluation programme.
Source of data	Previous evaluation reports, site inspections, instrumentations data etc.
Method of calculation / Assessment	The following project will be completed: • 20 Dams
Means of verification	Progress Reports
Assumptions	Safety monitoring of dams ensures compliance with Chapter 12 of the National Water Act, 1998
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	20 dams safety evaluation reports
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.5.4: Number of dam safety rehabilitation projects completed

Indicator Title	Number of dam safety rehabilitation projects completed
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.
Source 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/ Assessment	The following project will be completed: • The following project will be completed: • Bloemhof Dam • Mthatha Dam (Siphon Temporary works)
Means of verification	Completion certificates
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desired performance	2 dam safety rehabilitation projects completed
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.5.5: Number of kilometres of conveyance systems rehabilitated per annum

Indicator Title	Number of kilometres of conveyance systems rehabilitated per annum
Definition	This monitors the rehabilitation of water conveyance systems that were identified to be in a state of disrepair.
Source 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/ Assessment	Number of kilometres of conveyance systems that have been rehabilitated during the financial year
Means of verification	Progress Reports
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	4km of conveyance systems rehabilitated
Indicator responsibility	Water Resources Infrastructure Management

PPI No 3.6.1: Percentage adherence to water supply agreements/ authorisations and operating rules (Water resource operations)

Indicator Title	Percentage adherence to water supply agreements/ authorisations and operating rules (water resource operations)
Definition	To measure to operational functionality of the National Water Resource Infrastructure its adherence to bulk water agreements.
Source of data	Water Release Reports per Government Water Scheme (GWS) , Recording keeping of Water Control Officers. These also include electronic system generated reports where such systems are implemented
Method of calculation/ Assessment	Percentage Adherence to Water Supply Agreements/ Authorisations and Operating Rules
Means of verification	The portfolio of evidence : Completion Certificates
Assumptions	Capacity successfully sourced via maintenance Term Contractors. Technical Positions Filled; and Adequate Budget
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	80%
Indicator responsibility	Water Resources Infrastructure Management

PPI No 5.1.1: National Water Act Amendment Bill developed

Indicator Title	National Water Act Amendment Bill developed
Definition	This indicator ensure integrated water resources management and protection
Source of data	Water Quality Research reports, DWS regulatory reports, national, regional and international Policies, Stakeholder Consultations
Method of Calculation/ Assessment	Concurrency amongst key government departments and stakeholders buy in. • Support obtained through the process of tabling the policy to Cluster (TWG,SPCHD & ESEID) • Successful facilitation the process of Draft Integrated Water Quality Management Policy approval for Gazetting.
Means of verification	The document verification includes: • Draft Integrated Water Quality Management Policy • Gazette notice of the Draft Policy for public consultations • Comments register • Updated SEIAS reports • Top Management and Ministers submissions • Cabinet Memorandum
Assumptions	• The delegated officials will review and sign off the respective document within the required timelines • Stakeholders buy in and support of the draft policy • Government departments occurrence in their roles with respect to ensure good water quality as proposed by the draft policy.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	Draft National Water Act Amendment Bill submitted to Cabinet for approval for public consultation
Indicator responsibility	Water Resources Policy & Strategy

PPI No 5.1.2: National Water Resources Strategy Edition 3 (NWRS-3) developed

Indicator Title	National Water Resources Strategy Edition 3 (NWRS-3) developed
Definition	NWRS is the framework for the management of the National Water Resources as required by the National water Act (NWA) to ensure the integration of the full value chain of water resources.
Source of data	Assessment of the NWRS implementation and consultation workshops with various stakeholders
Method of Calculation/ Assessment	• Through annual progress reported by the water sector and departmental chapter leaders
Means of verification	Minutes and attendance register
Assumptions	The consultations with Sector through establish forums, the task team meeting provides platform for discussion and inputs to be collated to the actual documents.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Final draft NWRS-3 submitted for public consultation and cabinet approval
Indicator responsibility	Water Resources Policy & Strategy

PPI No 5.1.3: Raw water charges developed

Indicator Title	Raw water charges developed
Definition	This measures the determination of Raw Water Charges that are done in compliance to the approved pricing strategy
Source of data	Pricing Strategy; Norms and Standards and previous year's approved charges and tariffs
Method of calculation / Assessment	Raw Water Charges approved by Minister and published on departmental website, Bulk Water Tariff tabled in Parliament and letters to Water Boards signed by Minister
Means of verification	Submission for Raw Water Charges approved by Minister and published on departmental website
Assumption	Stakeholder participation on consultations on proposed tariffs
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	2022/23 raw water charges developed
Indicator responsibility	Water Resources Regulation

PPI No 5.1.4: Percentage of applications for water use authorisation finalised within the regulated period

Indicator Title	Percentage of applications for water use authorisation finalised within the regulated period
Definition	This monitors the extent in which the department finalise applications for water authorisations within the regulated timeframe from the of receipt of a complete application.
Source of data	A list of water use licence applications is maintained
Method of calculation/Assessment	If the actual number of applications for water use authorisation finalized within the regulated timeframe is provided the value "x" and the total number of received applications acknowledged as complete that should be finalized within the regulated timeframe is given the value "y" the formula is as follows: Water use authorisation applications received from 17 May 2020 to 16 May 2021 form part of the reporting cycle. Water use authorisation applications (new applications submitted in the current financial year) finalised within the regulated period outside the cycle above are included as x. $y\% = x/y \times 100$ Exclusion: The period 15 December to 05 January in any given financial year is excluded from the regulated number of days as the department is inactive.
Means of verification	Application forms or proof of payment or acknowledgement letter of application, and decision document i.e. water use licence, decline letter, withdrawal letter, closure letter and confirmation of a general authorisation or schedule 1.
Assumption	Acknowledgement letter of application, and decision document
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	80% of complete applications for water use authorisation finalised with regulated period
Indicator responsibility	Water Resources Regulation

PPI No 5.1.5: Number of water users monitored for compliance

Indicator Title	Number of water users monitored for compliance
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.
Source of data	Water use entitlements and compliance inspection reports with score card completed and uploaded on NCIMS (National Compliance Information Management System) . Compliance inspection reports are either full audit, partial audit or follow-up audit reports and these reports must be completed as per NCIMS template and should include the copy of authorization, score sheet (number of conditions complied or not complied to calculate % compliance) . 1) Full audit – All the conditions are audited from authorization. 2) Partial audit – Just specific conditions are audited from an authorization. 3) Follow-up audit – Facilities audit, follow-up can take different forms including follow-up site visits to check whether recommendations/ findings have been implemented
Method of calculation / Assessment	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)
Means of verification	Compliance inspection reports on NCIMS. Compliance verification against conditions of authorisation.
Assumption	Data completeness and access to water users information
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	324 water users monitored for compliance
Indicator responsibility	Water Resources Regulation

PPI No 5.1.6: Percentage of reported non-compliant cases investigated

Indicator Title	Percentage of reported non-compliant cases investigated
Definition	This monitors the actions taken by the Department to control unlawful water uses through criminal, civil or administrative enforcement.
Source/ collection of data	Cases reported to DWS, Water use authorisations and monitoring results. Inspection reports; Validation and verification process; Site visits by DWS officials and ECMS data
Method of calculation / Assessment	If the number of reported cases is given the value "x" and the number of investigated cases is given the value ÿ" the formula is as follows: y%=y/x*100
Means of verification	Investigation reports
Assumption	All water users are treated equally and fairly
Disaggregation of beneficiaries	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	80% of reported non-compliant cases investigated
Indicator responsibility	Water Resources Regulation

PPI No 5.1.7: Water Research Commission (WRC) levy approved

Indicator Title	Water Research Commission (WRC) levy approved
Definition	This measures the determination of Water Research commission Levy in accordance to Water Research legislation and Pricing Strategy
Source/ collection of data	Water Research commission tariff proposal, Annual Reports
Method of calculation / Assessment	Approved and gazetted Water Research Levy for the 2021/22 financial year
Means of verification	Gazette notice on approved Water Research Levy for 2021/22 financial year
Assumption	Stakeholder participation on consultations on proposed levy
Disaggregation of beneficiaries	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	2021/22 Water Research Commission (WRC) levy approved
Indicator responsibility	Water Resources Regulation

PPI No 5.1.8: Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements

Indicator Title	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements
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 requirements
Source of data	Water services database (IRIS) , WSA documents
Method of calculation / Assessment	This will be the number of wastewater systems assessed as specified.
Means of verification	Scorecards
Assumption	Data and documents from water services authorities including consultations with WSAs
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	This contributes to Outcome 2.1: Spatial transformation and justice by ensuring that wastewater treatment works are operational and functional including protection of water resources
Calculation type	Non-Cumulative
Reporting cycle	Annual
Desired performance	963
Indicator responsibility	Water Resources Regulation

PPI No 5.1.9: Number of wastewater systems monitored against the Regulatory requirements

Indicator Title	Number of wastewater systems monitored against the Regulatory requirements
Short definition	This is the monitoring of the wastewater systems owned or managed by water service institutions that were found to be non-compliant.
Source of data	Green Drop system and reports
Method of calculation / Assessment	This will be the number of wastewater systems monitored as specified.
Means of verification	Monitoring reports
Assumption	Consultations with water services authorities and site visits
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	This contributes to Outcome 2.1: Spatial transformation and justice by ensuring that wastewater treatment works are operational and functional including protection of water resources
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	366 Wastewater systems monitored against the regulatory requirements
Indicator responsibility	Water Resources Regulation

PPI No 6.1.1: Regulation for advancement of water allocation reform finalised

Indicator Title	Regulation for advancement of water allocation reform finalized
Definition	This indicator monitors the process of developing the Regulations for the Water Allocation Reform.
Source of data	National Water Act and National Water Resources Strategy II
Method of calculation/Assessment	First Draft Regulations Approved for Internal Consultation; Internal Consultation Schedule and Minutes of Regional Consultations, Second Draft Regulations Approved for Public Comments and Government Gazette of the Draft Regulations for Public Comments.
Means of verification	Approved Submissions /Report
Assumption	National Water Act 36 of 1998 Reviewed/amended to enable the development of the Regulations
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Draft Regulations for Water Allocation Reform
Indicator responsibility	Water Resources Institutional Oversight

PPI No 6.2.1: Performance of water resource institutions evaluated against their performance plans

Indicator Title	Performance of water resource institutions evaluated against their performance plans
Definition	This monitors the Performance of institutions(2 CMAs, TCTA and WRC) against their Shareholder Compacts, Corporate Plans, Annual Performance Plans, Annual Reports and Quarterly Reports as required by the legislation (PFMA)
Source of data	Submitted plans/reports from entities
Method of calculation/Assessment	Number of performance assessments/appraisals conducted
Means of verification	Performance assessments/appraisals
Assumption	Submission of all plans/reports
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Annual performance plans and quarterly reports for 2 CMAs, TCTA and WRC
Indicator responsibility	Water Resources Institutional Oversight

PPI No 6.2.2: Number of Catchment Management Agencies gazetted for establishment

Indicator Title	Number of Catchment Management Agencies gazetted for establishment
Definition	This indicator monitors the process of establishing that will assist in the management of water resources at catchment level and enhance stakeholder participation.
Source of data	An approved business plan for the establishment of 9 CMAs
Method of calculation/Assessment	This will be the actual CMAs gazetted for establishment within the financial year
Means of verification	An approved business plan for the establishment of 9 CMA's
Assumption	Business plans
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	2 Gazette new area operation of Phongola-Mzimkhulu and Limpopo-North West CMAs
Indicator responsibility	Water Resources Institutional Oversight

PPI No 6.2.3: National Water Resources Infrastructure Agency gazetted for establishment

Indicator Title	National Water Resources Infrastructure Agency gazetted for establishment
Definition	This indicator monitors the process of developing institutional arrangements for the establishment of a National Water Resource and services Agency
Source of data	Final Business case and legislative report finalised and consultation for establishment of the Agency
Method of calculation/Assessment	This will be the actual business case and legislative report
Means of verification	Approved business case and legislative report
Assumption	Business case
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Draft legislation for establishment of the Agency
Indicator responsibility	Water Resources Institutional Oversight

PPI No 6.2.4: Number of irrigation boards transformed into Water User Associations

Indicator Title	Number of irrigation boards transformed into Water User Associations
Definition	This indicator monitors the progress of transforming Irrigation Boards into Water User Associations
Source of data	Proposals and constitutions of Irrigation boards to be transformed
Method of calculation/Assessment	The roadmap and implementation plans on the transformation of Irrigation Boards and the review of proposals For the following water user association Loskop, Ixopo, Brandweg, Gamtoos and Upington Island WUAs
Means of verification	Review of progress and proposals
Assumption	Submission of all proposals/reports/minutes
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Transformation status report of the 5 Irrigation Boards into Water User Associations submitted (Loskop, Ixopo, Brandweg, Gamtoos, Upington Island)
Indicator responsibility	Water Resources Institutional Oversight

PPI No 6.2.5: Water economic regulator gazetted for established

Indicator Title	Water economic regulator gazetted for established
Definition	This monitors the process for establishing an economic regulation institution for the water sector
Source of data	Due diligence reports and Second Draft Business Case
Method of calculation	Actual reports developed.
Means of verification	Actual Reports in place
Assumption	Mandate does not change
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly,
Desired performance	Develop second draft business case for independent economic regulator
Indicator responsibility	Water Resources Regulation

PPI No 3.4.3.1 and 3.6.1.1: Number of job opportunities created through implementing augmentation infrastructure and operations of water resources projects

Indicator Title	Number of job opportunities created through implementing augmentation infrastructure and operations of water resources projects
Definition	This monitors the number of direct job opportunities created through implementing augmentation infrastructure and operations of water resources projects.
Source of data	A list of all created job opportunities is maintained.
Method of calculation/Assessment	This will be the actual number of job opportunities created.
Means of verification	List of beneficiaries and copies of IDs
Assumptions	The infrastructure built programmes contribute to the creation of work opportunities to provide short term relief for the unemployed.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	140
Indicator responsibility	Water Resources Infrastructure Management

Programme 3: Water Services Management

PPI No 3.7.1: Number of water conservation and water demand management strategies updated

Indicator Title	Number of water conservation and water demand management strategies updated
Definition	The Water Conservation and Water Demand Management Strategy (ies) is a fundamental step in promoting water use efficiency. This is consistent with both the National Water Act 36 of 1998 and Water Services Act, Act 107 of 1997 which emphasize effective management of our water resources and conservation
Source of data	This indicator ensures that the WC/WDM strategies are updated to reflect the latest developments on WC/WDM
Method of Calculation/ Assessment	Information will be collected from literature review including the existing strategies, consultation with various water users and relevant Departments.
Means of verification	Coordination and consolidation of inputs from various water use sectors, attendance register of all the consultation
Assumptions	• Minutes and attendance registers • Progress reports, • Updated WC/WDM Strategies • 4 frameworks for WCWDM strategies • Development of the comments register and response matrix
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting Cycle	Quarterly
Desired performance	4 Frameworks for Water conservation and water demand management strategies
Indicator responsibility	Water Services and Local Management:

PPI No 3.8.1: Number of large water supply systems assessed for water losses

Indicator Title	Number of large water supply systems assessed for water losses
Definition	This monitors the assessment of water losses in 8 large priority water supply systems.
Source of data	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.
Method of Calculation/ Assessment	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) .
Means of verification	The portfolio of evidence required to verify the validity of data The IWA water balances received from municipalities will be used as portfolio of evidence for the water use and water losses within a particular municipality.
Assumptions	Factors that are accepted as true and certain to happen without proof For municipalities that are not able to populate the water balance and submit to the Department for analysis, The Department extrapolates the most possible water balance for such municipalities using the last possible data available
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Annual
Desired performance	8 Large Supply Systems monitored for water losses
Indicator responsibility	Water Services and Local Management:

PPI No 3.9.1: Number of feasibility studies for water and wastewater services projects (RBIG) completed

Indicator Title	Number of feasibility studies for water and wastewater services projects (RBIG) completed
Definition	This monitors the number of feasibility studies completed for water and wastewater services, water re-use and desalination projects funded through the regional bulk infrastructure
Source of data	To model different scenarios to address water/sanitation infrastructure delivery options. Data is collected from situational assessment studies and redesigned to address future scenarios relating to supply options.
Method of Calculation/ Assessment	This will be the number of feasibility studies as specified
Means of verification	Number of FS documents submitted
Assumptions	Approval of final FS document by Provincial Committee
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	5 Completed feasibility studies for water and wastewater services projects (RBIG)
Indicator responsibility	Water Services and Local Management:

PPI No 3.9.2: Number of implementation readiness studies for water and wastewater services projects (RBIG) completed

Indicator Title	Number of implementation readiness studies for water and wastewater services projects (RBIG) completed
Definition	This monitors the number of implementation readiness studies completed for water and wastewater services, water re-use and desalination projects funded through the regional bulk infrastructure
Source of data	Preparation of planning phase compliances guided by feasibility recommendations to ensure implementation readiness relating to institutional, social, environmental and financial readiness
Method of Calculation/ Assessment	This will be the number of implementation readiness studies as specified
Means of verification	Number of draft IRS documents submitted
Assumptions	Approval of final IRS document by Provincial Committee
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly,
Desired performance	0 (1 Draft Implementation Readiness Studies Reports)
Indicator responsibility	Water Services and Local Management:

PPI No 3.9.3.1: Number of mega regional bulk infrastructure project phases under construction

Indicator Title	Number of mega regional bulk infrastructure project phases under construction
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.
Source of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation/ Assessment	This will be the mega regional bulk infrastructure project phases under construction as specified
Means of verification	Quarterly Evaluation reports/monthly progress reports
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	10 mega regional bulk infrastructure project phases under construction
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.9.4.1: Number of mega regional bulk infrastructure project phases completed

Indicator Title	Number of mega regional bulk infrastructure projects phases completed
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.
Source 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/Assessment	This will be the large water and wastewater services projects under construction as specified : Sebokeng WWTW Phase 1 of 2
Means of verification	Practical Completion certificates
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	1 mega regional bulk infrastructure projects phases completed
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.9.3.2: Number of large regional bulk infrastructure project phases under construction

Indicator Title	Number of large regional infrastructure project phases under construction
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.
Source of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation/Assessment	This will be the large water and wastewater services projects under construction as specified
Means of verification	Quarterly Evaluation reports/monthly progress reports
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	None
Spatial Transformation (where applicable)	None
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	72 large regional infrastructure project phases under construction
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.9.4.2: Number of large regional bulk infrastructure project phases completed

Indicator Title	Number of large regional bulk infrastructure project phases completed
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.
Source 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/ Assessment	This will be the list as specified
Means of verification	Practical Completion certificates
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly,
Desired performance	9 large regional bulk infrastructure project phases completed
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.9.3.3: Number of small regional bulk infrastructure project phases under construction

Indicator Title	Number of small regional bulk infrastructure project phases under construction
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
Source of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation/ assessment	This will be the small regional bulk infrastructure project phases under construction as specified
Means of verification	Quarterly Evaluation reports/monthly progress reports
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	31 small regional bulk infrastructure project phases under construction
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.9.4.3: Number of small regional bulk infrastructure project phases completed

Indicator Title	Number of small regional bulk infrastructure project phases completed
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.
Source 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/ Assessment	This will be the small regional bulk infrastructure project phases completed as specified
Means of verification	Practical Completion certificates
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly,
Desired performance	8 small regional bulk infrastructure project phases completed
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.9.4.3.1: Number of job opportunities created through implementing RBIG projects

Indicator Title	Number of job opportunities created through implementing infrastructure projects
Definition	This monitors the number of direct job opportunities created through implementing water augmentation, water services and dam safety rehabilitation infrastructure projects.
Source of data	A list of all created job opportunities is maintained.
Method of calculation/Assessment	This will be the actual number of job opportunities created.
Means of verification	List of beneficiaries and copies of IDs
Assumptions	The infrastructure built programmes contribute to the creation of work opportunities to provide short term relief for the unemployed.
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desired performance	500 job opportunities created through RBIG projects
Indicator responsibility	Regional Bulk Infrastructure Grant

PPI No 3.10.1: Number of small WSIG projects under construction

Indicator Title	Number of small WSIG projects under construction
Definition	This monitors the number of small water and wastewater services projects under construction within a given financial year implemented through the through the Water Services Infrastructure Grant
Source of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation/Assessment	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.
Means of verification	Monthly progress reports
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	None
Spatial Transformation (where applicable)	None
Calculation type	Non-Cumulative
Reporting cycle	Quarterly,
Desired performance	173
Indicator responsibility	Water Services Infrastructure Grant

PPI No 3.10.2: Number of small WSIG projects completed

Indicator Title	Number of small WSIG projects completed
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
Source of data	Subsequent to the design phase the project construction starts with quarterly progress reports maintained.
Method of calculation/ Assessment	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.
Means of verification	Practical Completion certificates
Assumptions	Monitoring of projects will ensure proper implementation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	46
Indicator responsibility	Water Services Infrastructure Grant

PPI No 3.10.3: Number of intervention projects under implemention

Indicator Title	Number of intervention projects under implemention
Definition	This monitors the number of intervention project under implementation within a given financial year; through grants
Source of data	Monthly and quarterly progress reports
Method of calculation/ Assessment	This will be number of intervention projects under implementation: • Vaal Intervention project
Means of verification	The portfolio of evidence required to verify the validity of data
Assumptions	Factors that are accepted as true and certain to happen without proof
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	1 Intervention (Vaal)
Indicator responsibility	Water Services Infrastructure Grant

PPI No 4.1.1: Number of district municipalities (DMs) with developed 5-year water and sanitation reliability plans

Indicator Title	Number of district municipalities (DMs) with developed 5 year water and sanitation reliability plans
Definition	This measures the number of district municipalities with completed 5-year reliable water and sanitation services delivery implementation plans. Water and Sanitation Service Delivery implementation plans are plans to assist DMs to ensure provision of reliable services without frequent interruptions; and comprising of the following: • Implementation plan framework for services related to Governance work stream • Implementation plan framework for services related to Water Security work stream • Implementation plan framework for services related to Functionality work stream • Implementation plan framework for services related to New Infrastructure work stream • Implementation plan framework for services related to Funding Model work stream
Source of data	Water and Sanitation Service Delivery implementation plans
Method of Calculation/ Assessment	This will be the listed district municipalities (DMs) with completed 5 year reliable water and sanitation services delivery implementation plans.
Means of verification	Existing situation of Water Services Needs and future projects addressing reliability problems
Assumptions	Local Government integration of Water Services programmes and projects
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Complete 5-Year Reliability Implementation Plans in 5 DMs
Indicator responsibility	Water Services and Local Management:

PPI No 4.2.1: Annual MuSSA reports on water services authorities' performance in providing water and sanitation services

Indicator Title	Annual MuSSA reports on water services authorities performance in providing water and sanitation services
Definition	MuSSA is a tool used to assess overall business health of WSAs to fulfill the water services function
Source of data	42 Municipalities, 8 Metro and 8 Secondary cities are sources of data. Questionnaires are sending to municipalities to complete regarding various key functional attributes.
Method of C alculation/ Assessment	Collected data is captured on the database, which has scores for various attributes. Processed data gives rise to information that categories municipalities in terms of vulnerability status and allows the identification of key business areas of vulnerability.
Means of verification	The portfolio of evidence required to verify the validity of data Completed MuSSA feedback reports as generated by the MuSSA system, cumulative completion achieved via MuSSA system reporting
Assumptions	Factors that are accepted as true and certain to happen without proof; The update process is voluntary (the MuSSA is a municipal self -help assessment process) and the completion targets cannot be imposed on the municipalities
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Cumulative (Year-End)
Reporting cycle	Quarterly
Desired performance	1 National Report on Municipal Strategic Self-Assessments (MuSSA) within the WSAs, metros and secondary cities
Indicator responsibility	Water Services and Local Management:

PPI No 4.2.2: Annual Municipal Priority Action Plan (MPAP) developed

Indicator Title	Annual Municipal Priority Action Plan (MPAP) developed
Definition	The MPAP is plan developed by WSAs based on MuSSA outcomes; it is developed to address high and extreme vulnerability factors in 80 WSAs. These are the factors/ issues critically contributing to poor performance of water services business in the 80 WSAs.
Source of data	MuSSA 2019/20 report that identified 80 WSAs on high and extreme vulnerability
Method of Calculation/ Assessment	Number of MPAPs developed within a given year
Means of verification	MPAPs confirmed by the WSAs
Assumptions	MPAPs are developed by WSAs that are having high and extreme vulnerability based on MuSSA report. MuSSA is an optional assessment, it cannot be enforced. Some WSAs may not feel compelled to prioritize the actions / gaps identified through MUSSA and develop the associated MPAP.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation type	Cumulative
Reporting cycle	quarterly
Desired performance	1 National report on MPAP developed
Indicator responsibility	Water Services and Local Management

PPI No 5.2.1: Water Services Amendment Bill developed

Indicator Title	Water Services Amendment Bill developed
Definition	Draft National water and sanitation Bill amalgamates Water Services Act, 1997 (Act no 108 of 1997) , and into one piece of legislation.
Source of data	The Water Services Act (no 108 of 1997) , National Water Act, 12 Policy Principles found in the National Water Policy Review 92013) and National Sanitation policy (2016)
Method of Calculation/ Assessment	• Consult and engage internal policy owners based on the content of the Draft Bill • Consultation with relevant government department and institutions • Draft Bill submitted for legal review and gazetted and update Socio Economic Impact Assessment (SEIAS) • Public consultation and ensuring compliance with 90 days of consultation on the Draft Water and Sanitation Bill and related activities • Revised Draft Bill submitted for DG clusters and Cabinet approval and related activities
Means of verification	Attendance registers of all consultations and meetings held
Assumptions	• Publication of the Bill in the government gazette • Development of the comments and response matrix • Translation of the Bill into other two official languages
Disaggregation of Beneficiaries (where applicable)	• Every water user of water for domestic purpose • Irrigation/Farming Industry • Industrial and commercial water users
Spatial Transformation (where applicable)	• To achieve equitable allocation of water amongst all users • To enhance the economic development by assisting emerging farmers and people who were deprived access to water due to the previous unjust system
Calculation type	Non-Cumulative
Reporting cycle	Annual
Desired performance	Draft Water Services Amendment Bill developed
Indicator responsibility	Water Services Policy & Strategy

PPI No.5.2.2: National Sanitation Integrated Plan

Indicator Title	National Sanitation Integrated Plan
Definition	This measures the process of developing the National Sanitation Integrated Plan which will address sanitation challenges and pay special attention to the elimination of open defecation. It is a 10-year roadmap for meeting the sanitation target set in National Development Plan and Sustainable Development Goals 6 (SDG6) .
Source of data	The data source will include but not limited to: • Various countries related plans • Sector partners delivery plans • District municipalities (DMs) water and sanitation services master plans • Water Services Development Plans
Method of Calculation/ Assessment	This will be the National Sanitation Integrated Plan
Means of verification	The Concept paper, Provincial Situational Analysis Report & Conceptual Framework
Assumptions	Accuracy of data from the sector and cooperation
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Draft National Sanitation Integrated Plan
Indicator responsibility	Water Services and Local Management

PPI No 5.2.3: National Faecal Sludge Management Strategy for on-site sanitation developed

Indicator Title	National Faecal Sludge Management Strategy for on-site sanitation developed
Definition	The strategy will provide guidance on how to manage the planning of faecal sludge for onsite sanitation technologies throughout sanitation services value chain and ensure economic development through beneficial use of faecal sludge.
Source of data	The data source will include but not limited to: • Sector partners delivery databases • Water Services Development Plans
Method of Calculation/ Assessment	This will be the National Feacal Sludge Management Strategy for onsite sanitation technologies
Means of verification	The Concept paper, Pilot Report
Assumptions	Accuracy of data from the sector and cooperation of WSAs and sector partners
Disaggregation of Beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Draft National Faecal Sludge Management Strategy for on-site sanitation developed
Indicator responsibility	Water Services and Local Management

PPI No 5.2.4: Bulk water tariffs developed

Indicator Title	Bulk water tariffs developed
Definition	This measures the determination of Bulk Water Tariffs that are done in compliance to the approved norms & standards for tariff setting
Source of data	Water pricing regulations implemented
Method of calculation/Assessment	Norms & Standards for tariff setting; tariff proposals and previous year approved tariffs
Means of verification	Bulk Water Tariff tabled in Parliament and letters to Water Boards signed by Minister
Assumption	Approved Tariff Submission
Disaggregation of beneficiaries (where applicable)	Stakeholder consultations on proposed tariffs
Spatial Transformation (where applicable)	Not applicable
Calculation type	Not applicable
Reporting cycle	Quarterly
Desired performance	2022/23 Bulk water tariffs developed
Indicator responsibility	Water Services Regulation

PPI No 5.3.1: Number of water supply systems assessed for compliance with the blue drop regulatory requirements

Indicator Title	Number of water supply systems assessed for compliance with the blue drop regulatory requirements
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.
Source of data	Water services databases, water service authorities databases, accredited laboratories
Method of calculation/ Assessment	This will be the number of water supply systems assessed as specified.
Means of verification	Monitoring reports
Assumption	Consultations with water services authorities and site visits
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Annual
Desired performance	0
Indicator responsibility	Water Services Regulation

PPI No 5.3.2: Number of identified non-compliant water supply systems monitored against the regulatory requirements

Indicator Title	Number of identified non-compliant water supply systems monitored against the regulatory requirements
Definition	This is the monitoring of the water supply systems owned or managed by water service institutions that were found to be non-compliant
Source of data	Blue Drop system and reports
Method of calculation / Assessment	This will be the number of water supply systems monitored as specified.
Means of verification	Monitoring reports
Assumption	Consultations with water services authorities and site visits
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	326 Identified non-compliant water supply systems monitored
Indicator responsibility	Water Services Regulation

PPI No 6.3.1: Performance of water boards evaluated against their performance plans

Indicator Title	Performance of water boards evaluated against their performance plans
Definition	This monitors the Performance of Water Boards against their Shareholder Compacts, Corporate Plans, Annual Performance Plans, Annual Reports and Quarterly Reports as required by the legislation (PFMA)
Source of data	Submitted plans/reports from Water Boards
Method of calculation/Assessment	Number of performance assessments/appraisals conducted
Means of verification	Performance assessments/appraisals
Assumption	Submission of all plans/reports
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	Shareholder compacts, business plans, quarterly and annual reports for 9 water boards finalised
Indicator responsibility	Water Services Institutional Oversight

PPI No 6.3.2: Number of regional water utilities gazetted for establishment

Indicator Title	Number of regional water utilities gazetted for establishment
Definition	This indicator monitors the transitional institutional arrangements between the existing water boards and the proposed regional water utilities.
Source of data	Approved institutional reform and realignment document
Method of calculation/Assessment	The roadmap for the establishment of the Sedibeng and Bloem Water proto-regional water utility
Means of verification	The roadmap for the establishment of the Magalies and Amatola Water proto-regional water utility
Assumption	Tender documentation for the due diligence
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial Transformation (where applicable)	Not applicable
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
Desired performance	0 [Draft Due diligence reports for 2 regional water utilities (Magalies and Amatola) developed]
Indicator responsibility	Water Services Institutional Oversight

Annexures to the Annual Performance Plan

Annexure A: Conditional Grants

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

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	1) 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 2) 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 3) Provide onsite sanitation solutions 4) 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)	5) Number of households provided with water and sanitation through a) reticulated water supply, b) on site sanitation, c) source identification, d) water conservation/ water demand management provisioning 6) Number of households reached by health and hygiene awareness and end user education 7) Number of job opportunities created

Annexure B: 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
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.

Term	Definition
Mega project	A project over R400 million per annum for a minimum of three years, or a minimum of R1 billion total projects 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
SIP 6	Integrated municipal infrastructure project
SIP 11	Agri-logistics and rural infrastructure

Term	Definition
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.

Annexure C: Consolidated Indicators

Institution	Output Indicators	Annual Target	Data Source
NOT APPLICABLE			

Annexure D: Additional details for programme performance indicators

Programme 2: Water Resources Management

PPI No 2.1.3: Number of rivers in which the river eco-status monitoring programme is implemented

WMA and Province	Targeted Number and Names	Frequency of monitoring			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo: Gauteng, North West, Limpopo	7 • Luvuvhu • Mutale • Nwanedi • Nzhelele • Lephalale • Mokolo • Mogalakwena	7 • Luvuvhu • Mutale • Nwanedi • Nzhelele • Lephalale • Mokolo • Mogalakwena	7 • Luvuvhu • Mutale • Nwanedi • Nzhelele • Lephalale • Mokolo • Mogalakwena	7 • Luvuvhu • Mutale • Nwanedi • Nzhelele • Lephalale • Mokolo • Mogalakwena	7 • Luvuvhu • Mutale • Nwanedi • Nzhelele • Lephalale • Mokolo • Mogalakwena
	10 • Pienaars • Apies • Hennops • Elands • Jukskei • Crocodile • Magalies • Marico • Ngotwane • Molopo	10 • Pienaars • Apies • Hennops • Elands • Jukskei • Crocodile • Magalies • Marico • Ngotwane • Molopo	10 • Pienaars • Apies • Hennops • Elands • Jukskei • Crocodile • Magalies • Marico • Ngotwane • Molopo	10 • Pienaars • Apies • Hennops • Elands • Jukskei • Crocodile • Magalies • Marico • Ngotwane • Molopo	10 • Pienaars • Apies • Hennops • Elands • Jukskei • Crocodile • Magalies • Marico • Ngotwane • Molopo
Vaal: Gauteng, Northern Cape	7 • Vaal • Taaibosspruit • Blesbokspruit • Suikerbosrand • Mooi • Waterval • Harts	7 • Vaal • Taaibosspruit • Blesbokspruit • Suikerbosrand • Mooi • Waterval • Harts	7 • Vaal • Taaibosspruit • Blesbokspruit • Suikerbosrand • Mooi • Waterval • Harts	7 • Vaal • Taaibosspruit • Blesbokspruit • Suikerbosrand • Mooi • Waterval • Harts	7 • Vaal • Taaibosspruit • Blesbokspruit • Suikerbosrand • Mooi • Waterval • Harts
Orange: Free State and Northern Cape	4 • Caledon • Riet • Orange • Modder	4 • Caledon • Riet • Orange • Modder	4 • Caledon • Riet • Orange • Modder	4 • Caledon • Riet • Orange • Modder	4 • Caledon • Riet • Orange • Modder
Olifants: Mpumalanga	2 • Olifants • Letaba	2 • Olifants • Letaba	2 • Olifants • Letaba	2 • Olifants • Letaba	2 • Olifants • Letaba

WMA and Province	Targeted Number and Names	Frequency of monitoring			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Mzimvubu-Tsitsikamma West: Eastern Cape	10 • Bloukrans, • Groot (east) • Lottering • Storms • Elandsbos • Kouga/ Gamtoos • Swartkops/ Kwazungu • Kromme • Kowie • Kat	10 • Bloukrans, • Groot (east) • Lottering • Storms • Elandsbos • Kouga/ Gamtoos • Swartkops/ Kwazungu • Kromme • Kowie • Kat	10 • Bloukrans, • Groot (east) • Lottering • Storms • Elandsbos • Kouga/ Gamtoos • Swartkops/ Kwazungu • Kromme • Kowie • Kat	10 • Bloukrans, • Groot (east) • Lottering • Storms • Elandsbos • Kouga/ Gamtoos • Swartkops/ Kwazungu • Kromme • Kowie • Kat	10 • Bloukrans, • Groot (east) • Lottering • Storms • Elandsbos • Kouga/ Gamtoos • Swartkops/ Kwazungu • Kromme • Kowie • Kat
Mzimvubu-Tsitsikamma East: Eastern Cape	6 • Mzimvubu • Mthatha • Mbashe • Kei • Keiskamma • Buffalo	6 • Mzimvubu • Mthatha • Mbashe • Kei • Keiskamma • Buffalo	6 • Mzimvubu • Mthatha • Mbashe • Kei • Keiskamma • Buffalo	6 • Mzimvubu • Mthatha • Mbashe • Kei • Keiskamma • Buffalo	6 • Mzimvubu • Mthatha • Mbashe • Kei • Keiskamma • Buffalo
Phongola-Mtamvuna: KZN	16 • Mngeni • Mlazi • Matigulu • Mfolozi • Mhlathuze • Thukela • Mkhuze • Mdloti • Mkhomazi • Mzimkhulu • Phongola • Hluhluwe • Mvoti • Thongathi • Lovu • Mtamvuna	16 • Mngeni • Mlazi • Matigulu • Mfolozi • Mhlathuze • Thukela • Mkhuze • Mdloti • Mkhomazi • Mzimkhulu • Phongola • Hluhluwe • Mvoti • Thongathi • Lovu • Mtamvuna	16 • Mngeni • Mlazi • Matigulu • Mfolozi • Mhlathuze • Thukela • Mkhuze • Mdloti • Mkhomazi • Mzimkhulu • Phongola • Hluhluwe • Mvoti • Thongathi • Lovu • Mtamvuna	16 • Mngeni • Mlazi • Matigulu • Mfolozi • Mhlathuze • Thukela • Mkhuze • Mdloti • Mkhomazi • Mzimkhulu • Phongola • Hluhluwe • Mvoti • Thongathi • Lovu • Mtamvuna	16 • Mngeni • Mlazi • Matigulu • Mfolozi • Mhlathuze • Thukela • Mkhuze • Mdloti • Mkhomazi • Mzimkhulu • Phongola • Hluhluwe • Mvoti • Thongathi • Lovu • Mtamvuna

WMA and Province	Targeted Number and Names	Frequency of monitoring			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Breede-Gouritz: Western Cape (BGCMA)	15 • Breede • Heuningnes • Palmiet • Klein • Goukamma • Diep • Karatara • Duiwenhoks • Goukou • Keurbooms • Knysna • Groot Brak • Kaaimans • Gwaing • Gouritz	15 • Breede • Heuningnes • Palmiet • Klein • Goukamma • Diep • Karatara • Duiwenhoks • Goukou • Keurbooms • Knysna • Groot Brak • Kaaimans • Gwaing • Gouritz	15 • Breede • Heuningnes • Palmiet • Klein • Goukamma • Diep • Karatara • Duiwenhoks • Goukou • Keurbooms • Knysna • Groot Brak • Kaaimans • Gwaing • Gouritz	15 • Breede • Heuningnes • Palmiet • Klein • Goukamma • Diep • Karatara • Duiwenhoks • Goukou • Keurbooms • Knysna • Groot Brak • Kaaimans • Gwaing • Gouritz	15 • Breede • Heuningnes • Palmiet • Klein • Goukamma • Diep • Karatara • Duiwenhoks • Goukou • Keurbooms • Knysna • Groot Brak • Kaaimans • Gwaing • Gouritz
Berg -Olifants: Western Cape	4 • Olifants-Doring • Verlorenvlei • Langvlei • Jakkalsvlei	4 • Olifants-Doring • Verlorenvlei • Langvlei • Jakkalsvlei Berg	4 • Olifants-Doring • Verlorenvlei • Langvlei • Jakkalsvlei	4 • Olifants-Doring • Verlorenvlei • Langvlei • Jakkalsvlei	4 • Olifants-Doring • Verlorenvlei • Langvlei • Jakkalsvlei
Total	**81**	**81**	**81**	**81**	**81**

PPI No 4.1.1: Number of district municipalities (DMs) with developed 5 year water and sanitation reliability plans

Province	Total Number	District Municipality	Deliverables per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Kwa-Zulu Natal	1	iLembe	-	-	-	iLembe
Limpopo	2	Capricorn	-	-	-	Capricorn
		Mopani	-	-	-	Mopani
North West	2	Ngaka Modiri Molema	-	-	-	Ngaka Modiri Molema
		Dr Ruth Segomotsi Mompati	-	-	-	Dr Ruth Segomotsi Mompati
Total	**5**		**-**	**-**	**-**	**5**

PPI No 4.2.2: Annual Municipal Priority Action Plan (MPAP) developed

Province	Total Number	Municipalities		
		District Municipalities	Local Municipalities	Metropolitans
Eastern Cape	9	• Alfred Nzo • Amathole • Chris Hani • Joe Gqabi • OR Tambo	• Kouga • Koukamma • Makana • Ndlambe	-
Free State	10	• Setsoto	• Letsemeng • Maluti-A-Phofung • Mantsopa • Metsimaholo • Moqhaka • Ngwathe • Phumelela • Dihlabeng	Mangaung
Gauteng	3	• -	• Merafong City • Mogale City • Lesedi	-
Kwa-Zulu Natal	12	• Harry Gwala • iLembe • King Cetshwayo • Ugu • Umgungundlovu • Umkhanyakude • Umzinyathi • Uthukela • Zululand • AMajuba	• Newcastle • Msunduzi	-
Limpopo	4	• Capricorn	• Lephalale • Modimolle-Mookgophong • Polokwane	-
Mpumalanga	5	• Dr Pixley Ka Isaka Seme	• City of Mbombela • Emakhazeni • Emalahleni • Lekwa • Kheis • Renosterberg • Richtersveld • Siyancuma • Siyathemba	-

Province	Total Number	Municipalities		
		District Municipalities	Local Municipalities	Metropolitans
Northern Cape	24	-	• Sol Plaatje • Thembelihle • Tsantsabane • Ubuntu • Umsobomvu • Umzinyathi • Phokwane • Nama Khoi • Magareng	-
			• Khai-Ma • Joe Morolong • Kai !Garib • Kamiesberg • Kareeberg • Kgatelopele • Gamagara • Ga-Segonyana • Hantam • Dikgatlong	
North West	9	• Dr Ruth • Ngaka Modiri Molema	• City of Matlosana • JB Marks • Kgetleng • Madibeng • Maquasi Hills • Moretele • Moses Kotane	-
Western Cape	4	• Cederberg	• Swellendam • Oudtshoorn • Cape Agulhas	-
Total	**80**	**20**	**59**	**1**

PPI No 5.1.5: Number of water users monitored for compliance

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Mining Sector (68)						
Free-State	5	• Tewie Wessels Family Trust • Rooikuil Beleggings Trust • Namakwa Diamond • Harmony Mine Operations – Welkom • Chinese Africa Precious Metals (CAPAM)	1 • Tewie Wessels Family Trust	1 • Rooikuil Beleggings Trust	2 • Namakwa Diamond • Harmony Mine Operations – Welkom	1 • Chinese Africa Precious Metals (CAPAM)
Gauteng	12	• Vunene Mining: Usuthu Coal Mine • Harmony Gold Mine • Steynol • Sasol Mining: Sigma Collieries Mooikraal Mine • Glen Douglas Dolomite • Driefontein Gold • Southgold Exploration • Sasol Mining: D714 Road upgrade and Alignment Project • Silverlake Colliery • South Deep Mine (Goldfields) • Sky Sands, a division of group five construction Pty • Cooper Sunset	2 • Vunene Mining: Usuthu Coal Mine • Harmony Gold Mine	4 • Steynol • Sasol Mining: Sigma Collieries Mooikraal Mine • Glen Douglas Dolomite • Driefontein Gold	4 • Southgold Exploration Tronox: Smelter • Sasol Mining: D714 Road upgrade and Alignment Project • Silverlake Colliery • South Deep Mine (Goldfields)	2 • Sky Sands, a division of group five construction Pty • Cooper Sunset
KZN	2	• Tendele Coal Mining: Somkele Anthracite Mine • Shanduka Coal: SPringlake Colliery	1 • Tendele Coal Mining: Somkele Anthracite Mine	-	1 • Shanduka Coal: SPringlake Colliery	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo	15	• Tshikondeni Coal Mine • Exxaro (Thabametsi) • DMI Minerals SA: Krone and Endora Project • Limpopo Coal Company: Vele Colliery • Eloff Sandwerke • De Beer Consolidating Mine: Venetia Mine • Ledjadja Coal: Boikarabelo Mine • Baobab Mining and Exploration • Grassvalley Chrome Mine • Ga re Lekeng gape Construction • Afrimat Ltd (Qarry) • Tivani • Exxaro: Grootegeluk Coal Mine • IvanPlats • Mogalakwena Platinum Mine	5 • Tshikondeni Coal Mine • Exxaro (Thabametsi) • DMI Minerals South Africa (Pty) Ltd: Krone and Endora Project • Limpopo Coal Company: Vele Colliery • Eloff Sandwerke (BK)	5 • De Beers Consolidating Mines (Venetia Mine) • Ledjadja Coal: Boikarabelo Mine • Baobab Mining and Exploration • Grassvalley Chrome Mine (Pty) Ltd • Ga re Lekeng gape Construction	3 • Afrimat Ltd (Quarry) • Tivani • Exxaro - Grootegeluk Coal Mine	2 • Ivanplats • Mogalakwena Platinum Mine
Mpumalanga	17	• Total Coal SA: Dorsfontein Colliery East Expansion • Two Rivers Platinum Mine • Yoctolux Investment (Pty) Ltd coal mine • Zamfin Capital (Pty) Ltd: Leeufontein coal washing plant • Optimum Coal: Woestalleen Colliery • Canyon Springs Investment 82 (Pty) Ltd Canyon Springs Coal Mine	4 • Total Coal SA: Dorsfontein Colliery East Expansion • Two Rivers Platinum Mine • Yoctolux Investment (Pty) Ltd coal mine • Zamfin Capital (Pty) Ltd: Leeufontein coal washing plant	5 • Optimum Coal: Woestalleen Colliery • Canyon Springs Investment 82 (Pty) Ltd Canyon Springs Coal Mine • African Exploration Mining and Finance Corporation (SOC) Ltd: T-East block, African Exploration Mining and Finance Corporation	5 • Optimum Coal Mine: Kwagga North Section • Samancor Eastern Chrome Mine: Jagdlust Section • Doornsfontein Coal Mine • Validatrade 2013 (Pty) Ltd – Vandyksdrift Siding • Xtrata Coal SA Tweefontein Mining Complex	3 • South 32 Coal Holding (Pty) Ltd: Klipspruit Extension – Weltevreden • South 32 Coal Holdings (Pty) Ltd – Pegasus Colliery • Delf Sand (Pty) Ltd Cullinan

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
		• African Exploration Mining and Finance Corporation (SOC) Ltd: T-East block, African Exploration Mining and Finance Corporation T-North Block & Finance Corporation T-Vlakfontein Mine South Block extension • Aureus Industrial and Mining Operations • Validtrade 2013 (Pty) Ltd – Clewer Siding • Optimum Coal Mine: Kwagga North Section • Samancor Eastern Chrome Mine: Jagdlust Section • Doornsfontein Coal Mine • Validatrade 2013 (Pty) Ltd – Vandyksdrift Siding • Xtrata Coal SA Tweefontein Mining Complex • South 32 Coal Holding (Pty) Ltd: Klipspruit Extension – Weltevreden • South 32 Coal Holdings (Pty) Ltd – Pegasus Colliery • Delf Sand (Pty) Ltd Cullinan		T-North Block & Finance Corporation T-Vlakfontein Mine South Block extension • Aureus Industrial and Mining Operations • Validtrade 2013 (Pty) Ltd – Clewer Siding		

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Northern Cape	7	• Assmang Black Rock • Nicolls Corporate Services • PMG Mining • Evening Star • Idwala Lime • Wonderstone • HPJ Viljoen	3 • Assmang Black Rock • Nicolls Corporate Services • PMG Mining	2 • Evening Star • Idwala Lime	1 • Wonderstone	1 • HPJ Viljoen •
North West	9	• Anglo American Platinum Rustenburg Operations Bathopele Mine • Manngwe Mining: Assen Iron Ore Mine • Cullinan Diamond Mine • Ilitha Mining • Marico Chrome Corporation: Marico Chrome Mine • Impala Platinum Ltd: Rustenburg Operations • Maseve Investment: Western Bushveld Joint Venture Project 1 • Glencore SA: Alloys Wonderkop Operations • Hernic Ferrochrome: Bokfontein Section	2 • Anglo American Platinum Rustenburg Operations Bathopele Mine • Manngwe Mining: Assen Iron Ore Mine	2 • Cullinan Diamond Mine • Ilitha Mining	3 • Marico Chrome Corporation: Marico Chrome Mine • Impala Platinum Ltd: Rustenburg Operations • Maseve Investment: Western Bushveld Joint Venture Project 1	2 • Glencore SA: Alloys Wonderkop Operations • Hernic Ferrochrome: Bokfontein Section
Western Cape	1	• Steenkampskraal	-	1 • Steenkampskraal	-	-
Sub-Total	68		18	20	19	11

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Agriculture (Irrigation) (75)						
Eastern Cape	10	• Blue Gums Trust • A de Klerk • Amberdene Trust • W Williams • JG Daws • Burlington Farming (Pty) Ltd • Sur Le Sun Boerdery cc • Chris Greeff Family Trust • Rossouw van Gend Trust • Inqu Properties	3 • Blue Gums Trust • A de Klerk • Amberdene Trust	3 • W Williams • JG Daws • Burlington Farming (Pty) Ltd	4 • Sur Le Sun Boerdery cc • Chris Greeff Family Trust • Rossouw van Gend Trust • Inqu Properties	-
Free-state	2	• Hancor Melkery Kimberley cc • Loormar Boerdery BK EDMS	-	1 • Hancor Melkery Kimberley cc	1 • Loormar Boerdery BK EDMS	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Gauteng	16	• Kotze JE376IQ/241 Oudedorp • Blue Dot Properties 352 Pty Ltd • Tredoux Willemse Trust • Highland Night Investments 132 Pty Ltd portion 3 • Marais Trust • Astral Operations Pty Ltd • J&N Stander Broers Boerdery cc • Highland Night Investments 132 Pty Ltd portion 4 • Moller DP • Green Oak Farms Pty Ltd • Crown Chicken (Sovereign Foods) • Joshua Meyer Trust • Mouton PMM portion 124 • Beta Chick cc • Smith & Smith Broers cc • Mouton PMM portion 123	3 • Kotze JE376IQ/241 Oudedorp • Blue Dot Properties 352 Pty Ltd • Tredoux Willemse Trust	4 • Highland Night Investments 132 Pty Ltd portion 3 • Marais Trust • Astral Operations Pty Ltd • J&N Stander Broers Boerdery cc	6 • Highland Night Investments 132 Pty Ltd portion 4 • Moller DP • Green Oak Farms Pty Ltd • Crown Chicken (Sovereign Foods) • Joshua Meyer Trust • Mouton PMM portion 124	3 • Beta Chick cc • Smith & Smith Broers cc • Mouton PMM portion 123
KZN	1	• HB Bowley – Smith	1 • HB Bowley - Smith	-	-	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo	25	• Stilhoek Boerdery cc • African Caribean Aloe Product (Pty) Ltd • Kuno Venter Family Trust • DF Du Plessis • Makuya Traditional Healers Organization • Mailula R and M Farm Genreal Projects (Pty) • Laide Farms (Pty) Ltd • Overvlakte Vervoer cc • Tedo Beleggings 6 (Eiendoms) Beperk • JM Pieterse • Optimum Boerdery • Shakila Investments • RBM Agricultural Primary Ltd • R and Civil Projects • 3 De Nellen Boerdery • AJJ van der Westhuizen • Basson Family • Sazm Trading & Projects (Pty) Ltd • Makwaneng Farms (Pty) Ltd • Prellex 280 • Vogel PL • Counter Point Trading 323 • JA van Rooyen • Messina Border Properties • Mposi MR	6 • Stilhoek Boerdery cc • African Caribean Aloe Product (Pty) Ltd • Kuno Venter Family Trust • DF Du Plessis • Makuya Traditional Healers Organization • Mailula R and M Farm Genreal Projects (Pty)	7 • Laide Farms (Pty) Ltd • Overvlakte Vervoer cc • Tedo Beleggings 6 (Eiendoms) Beperk • JM Pieterse • Optimum Boerdery • Shakila Investments • RBM Agricultural	6 • R and Civil Projects • 3 De Nellen Boerdery • AJJ van der Westhuizen • Basson Family • Sazm Trading & Projects (Pty) Ltd • Makwaneng Farms (Pty) Ltd	6 • Prellex 280 • Vogel PL • Counter Point Trading 323 • JA van Rooyen • Messina Border Properties • Mposi MR

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Mpumalanga	4	• Elbasee cc • D.J.D.J & D Hamman • Lugedlane Developments (Pty) Ltd • Moletele Communal Property Association	1 • Elbasee cc	1 • D.J.D.J & D Hamman	1 • Lugedlane Developments (Pty) Ltd	1 • Moletele Communal Property Association
North West	4	• De Andrade Country Farm cc • Maluvha II (Pty) Ltd • Mr S Batyi • LP Whitefield	1 • De Andrade Country Farm cc	1 • Maluvha II (Pty) Ltd	1 • Mr S Batyi	1 • LP Whitefield
Northern Cape	8	• Kasimira Trading • Repli Trading No 27 • Elelwani Farming / Mafube Trust • Lesole Trust • Dabula Manzi Farmers • EFM Holdings • Mxatule Holdings • Fireball Projects	2 • Kasimira Trading • Repli Trading No 27	2 • Elelwani Farming / Mafube Trust • Lesole Trust	2 • Dabula Manzi Farmers • EFM Holdings	2 • Mxatule Holdings • Fireball Projects
Western Cape	5	• Uit die Bloute Boerdery Ltd • Anmeni Trust • Altus Baard Family Trust • FWG Pieterse Trust • Krakadou Trust	2 • Uit die Bloute Boerdery Ltd • Anmeni Trust	3 • Altus Baard Family Trust • FWG Pieterse Trust • Krakadou Trust	-	-
Sub-Total	75		19	22	21	13
Agriculture (Processing) (12)						
Eastern Cape	2	• Matsibele Dairy • Koukamma Dairy	-	1 • Matsibele Dairy	1 • Koukamma Dairy	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Free-State	1	• Sparta Baby Beef (Pty) Ltd	-	1 • Sparta Baby Beef (Pty) Ltd	-	-
Limpopo	3	• Francolin Hill Trust • Diamond Trust • Sisismuka Trust	-	-	1 • Francolin Hill Trust	2 • Diamond Trust • Sisismuka Trust
Mpumalanga	3	• McCain Food SA • BBMT Poultry Farm (Pty) Ltd • Afgri Protein Operation Ltd Dryden Rendering Facility	-	1 • McCain Food SA	1 • BBMT Poultry Farm (Pty) Ltd	1 • Afgri Protein Operation Ltd Dryden Rendering Facility
Northern Cape	2	• Malu Pork • Die Nel Trust	-	1 • Malu Pork	1 • Die Nel Trust	-
Western Cape	1	• County Fair	-	1 • County Fair	-	-
Sub-Total	12		0	5	4	3
Industry (23)						
Eastern Cape	2	• Osho Cement IDZ • Grano Passi	1 • Osho Cement IDZ	1 • Grano Passi	-	-
Gauteng	2	• Naschem • Idwala Industrial Holdings	-	1 • Naschem	1 • Idwala Industrial Holdings	-
KZN	1	• Assmang Manganese Cato Ridge Works Ltd	-	1 • Assmang Manganese Cato Ridge Works Ltd	-	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo	7	• Rhodes Food Group • Polokwane Metallurgical Complex (PMC) • Eskom: Matimba Power Station • Silicon Smelters Ferro Atlantica Group • Sekakopamo Manufacturing • Tiger Brands • Eskom: Medupi Power Station	1 • Rhodes Food Group	2 • Polokwane Metallurgical Complex (PMC) • Eskom: Matimba Power Station	1 • Silicon Smelters Ferro Atlantica Group	3 • Sekakopamo Manufacturing • Tiger Brands • Eskom: Medupi Power Station
Mpumalanga	3	• Lurco Group (Pty) Ltd: Springbok Siding • Aprolox Forfar Siding • Statutis Trading (Pty) Ltd	1 • Lurco Group (Pty) Ltd: Springbok Siding	1 • Aprolox Forfar Siding	1 • Statutis Trading (Pty) Ltd	--
Northern Cape	4	• Karoeshoek • Acwa Power Solar Reserve • Bokpoort CSP • Solar Capital De Aar	1 • Karoeshoek	• -	1 • Acwa Power Solar Reserve	2 • Bokpoort CSP • Solar Capital De Aar
North West	2	• Vastek Trading Mooinooi Chrome Plant • NWK Ltd NWK Liquid fertiliser	1 • Vastek Trading Mooinooi Chrome Plant	• -	• 1 • NWK Ltd NWK Liquid fertiliser	• -
Western Cape	2	• Oro Agri SA • Rhodes Foods	-	-	2 • Oro Agri SA • Rhodes Foods	• -
Sub-Total	23		5	6	7	5

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Forestry (SFRA) (12)						
Limpopo	7	• Northmoor Estate • Mr LJ Fouche • Paardevlei Investment • Mr WD Thompson • Canyon Ridge Forests • Silicon Smelters • Mr P McGaffin	-	3 • Northmoor Estate • Mr LJ Fouche • Paardevlei Investment	4 • Mr WD Thompson • Canyon Ridge Forests • Silicon Smelters • Mr P McGaffin	-
Mpumalanga	1	• Komatiland Forests Pty Ltd	1 • Komatiland Forests Pty Ltd	-	-	-
KZN	2	• Tongaat Hulette Maidstone Sugar Mill • Umfolozi Sugar Mill	-	• 1 • Tongaat Hulette Maidstone Sugar Mill	• 1 • Umfolozi Sugar Mill	-
Western Cape	2	• DEFF / MTO (Lebanon plantation) • DEFF / MTO (Highlands plantation)	-	-	• 1 • DEFF / MTO (Lebanon plantation)	1 • DEFF / MTO (Highlands plantation)
Sub-Total	12		1	4	6	1
Public Institutions (21)						
Eastern Cape	9	• Mjanyana Hospital • All Saints Hospital • Patensie DCS (Prison) • Elliotdale Health Centre • Elliotdale Prison (DCS) • Phandulwazi High School • Lilyfontein School • Glen Grey Hospital • Tafalofefe Hospital	3 • Mjanyana Hospital • All Saints Hospital • Patensie DCS (Prison)	4 • Elliotdale Health Centre • Elliotdale Prison (DCS) • Phandulwazi High School • Lilyfontein School	1 • Glen Grey Hospital	1 • Tafalofefe Hospital

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Free State	2	• Public Works – Caledonspoort WWTW • Public Works – Maseru Bridge WWTW	1 • Public Works – Caledonspoort WWTW	1 • Public Works – Maseru Bridge WWTW	-	-
KZN	1	• Eskom Mbewu Powerline	1 • Eskom Mbewu Powerline	-	-	-
Limpopo	1	• Department of Public Works (Matatshe Prison)	1 • Department of Public Works (Matatshe Prison)	-	-	-
Mpumalanga	2	• Transnet (Construction of a new multi-products pipeline • ESKOM (Division of a perennial tributary of the Klipfontein within the Wilge River system)	• -	1 • Transnet (Construction of a new multi-products pipeline	1 • ESKOM (Division of a perennial tributary of the Klipfontein within the Wilge River system)	-
Northern Cape	2	• Transnet (Abstraction of water from boreholes on Postmasburg Group Acuifer) • SANRAL (Upgrading and widening of the five existing bridges to commodate two traffic lanes)	• -	1 • Transnet (Abstraction of water from boreholes on Postmasburg Group Acuifer)	1 • SANRAL (Upgrading and widening of the five existing bridges to commodate two traffic lanes)	-
North West	2	• Rand Water • Road Agency Limpopo	-	1 • Rand Water	-	1 • Road Agency Limpopo
Western Cape	2	• Prasa • Eskom Holding (Piketberg)	1 • Prasa	1 • Eskom Holding (Piketberg)	-	-
Sub-Total	21		6	9	3	3

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Municipality (WWTW) (39)						
Eastern Cape	10	• Keiskamma • Reeston • Hankey • Port Alfred • Willowmore • Enon • Coldstream • Misgund • Thornhill • St Francis	4 • Keiskamma • Reeston • Hankey • Port Alfred	4 • Willowmore • Enon • Coldstream • Misgund	2 • Thornhill • St Francis	-
Free State	1	• North Eastern WWTW	1 • North Eastern WWTW	-	-	-
Gauteng	8	• Dekema WWTW • Vlakplaats WWTW • Jan Smuts WWTW (ERWAT) • Leeuwkuil WWTW • Ratanda WWTW (ERWAT) • Khutsong WWTW • Rietspruit WWTW • Goudkoppies WWTW	3 • Dekema WWTW • Vlakplaats WWTW • Jan Smuts WWTW (ERWAT)	1 • Leeuwkuil WWTW	3 • Ratanda WWTW (ERWAT) • Khutsong WWTW • Rietspruit WWTW	1 • Goudkoppies WWTW
KZN	1	• Umzinto WWTW	-	-	-	1 • Umzinto WWTW
Limpopo	2	• Vhembe District Municipality: Thohoyandou WWTW • Makhado: Rietvlei	1 • Vhembe District Municipality: Thohoyandou WWTW	1 • Makhado: Rietvlei	-	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Mpumalanga	3	• Bethal • Marble Hall • Komati	1 • Bethal	1 • Marble Hall	1 • Komati	-
Northern Cape	5	• Kareeberg LM: Carnavon WWTW • Gamagara LM: Kathu Property Development • Gamagara LM: Kathu WWTW • Namakhoi: Springbok Bergsig • Sol Plaatjie LM: Beaconsfield WWTW	2 • Kareeberg LM: Carnavon WWTW • Gamagara LM: Kathu Property Development	1 • Gamagara LM: Kathu WWTW	1 • Namakhoi: Springbok Bergsig	1 • Sol Plaatjie LM: Beaconsfield WWTW
North West	5	• Ngaka Modiri Molema DM: Zeerust WWTW • Randfontein WWTW • Thabazimbi LM: Thabazimbi WWTW • Thabazimbi LM: Northam WWW • Johannesburg City Parks	2 • Ngaka Modiri Molema DM: Zeerust • Johannesburg City Parks WWTW	1 • Randfontein WWTW	-	2 • Thabazimbi LM: Thabazimbi WWTW • Thabazimbi LM: Northam WWW
Western Cape	4	• Kraaifontein WWTW • Klawer WWTW • Veldrift WWTW • Stellenbosh WWTW	1 • Kraaifontein WWTW	1 • Klawer WWTW	1 • Veldrift WWTW	1 • Stellenbosch WWTW
Sub-Total	39		15	10	8	6
Municipality (Landfill) (4)						
Mpumalanga	2	• BaPhalaborwa LM • Bronkhorstpruit Regional site	-	1 • BaPhalaborwa LM	1 • Bronkhorstpruit Regional site	-

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Western Cape	2	• Klawer • Lutzville	-	-	2 • Klawer • Lutzville	-
Sub-Total	4		0	1	3	0
Dam Safety (70)						
Eastern Cape	10	• Tsitsikamma Dam • Brandkop • Ruiekloof Dam • 287 JO 0 Dam 4 • 286 Jo 40 Dam 3 • Lang Dam • Schoemanshoek Big Dam • Fraai Uitsig K3 Dam • Island Bush Dam • Seligman Dam	5 • Tsitsikamma Dam • Brandkop • Ruiekloof Dam • 287 JO 0 Dam 4 • 286 Jo 40 Dam	3 • Lang Dam • Schoemanshoek Big Dam • Fraai Uitsig K3 Dam	2 • Island Bush Dam • Seligman Dam	-
Free State	4	• Brandkop Reservoir • Sterkwater • Vlakplaas – Groot Dam • Euphraat Dam	-	-	-	4 • Brandkop Reservoir • Sterkwater • Vlakplaas – Groot Dam • Euphraat Dam
Gauteng	7	• Riefontein Oostelike Vloedvertragings dam • Rietfontein Westelike Vloedvertragings dam • Johan Neser Dam • Kareerand Tailings Dam • Fleurshop Dam • Deelkraal Dam • Fine Ash Dams Slimes Dam	2 • Riefontein Oostelike Vloedvertragings dam • Rietfontein Westelike Vloedvertragings dam	2 • Johan Neser Dam • Kareerand Tailings Dam	2 • Fleurshop Dam • Deelkraal Dam	1 • Fine Ash Dams Slimes Dam

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
KZN	16	• St.Isodore Dam • Umzimkulwana Dam • Koedoesberg No 2 Dam • Aberfeldy No 1 Dam • Goxhill Dam • Scottston Dam • Mgovusa Dam • Lake Nhlabane Weir • Mhlabatshane Dam • Ntingwe Masonry Dam • Hilltop Balancing Dam • Kopanong Dam • Darvill Attenuation Dam • Preston Pan Dam • Mhlabinyati Dam • Okhulu Dam	4 • St.Isodore Dam • Umzimkulwana Dam • Koedoesberg No 2 Dam • Aberfeldy No 1 Dam	6 • Goxhill Dam • Scottston Dam • Mgovusa Dam • Lake Nhlabane Weir • Mhlabinyati Dam • Ntingwe Masonry Dam	2 • Hilltop Balancing Dam • Kopanong Dam	4 • Darvill Attenuation Dam • Preston Pan Dam • Mhlabatshane Dam • Okhulu Dam
Limpopo	4	• Grootgeluk Cyclic Ponds Dam • Dam 1160 (PPL) • Wilgebosch • Slurry Dam	1 • Grootgeluk Cyclic Ponds Dam	1 • Dam 1160 (PPL)	1 • Wilgebosch	1 • Slurry Dam
Mpumalanga	7	• Winkel Dam • Mtokwane Dam • Wilger Dam • Mac'Creek Dam • Hendrina Powerstation Raw Water Terminal • Zondagsfontein Dam • Witklip bottom dam	1 • Winkel Dam	2 • Mtokwane Dam • Wilger Dam	2 • Mac'Creek Dam • Hendrina Powerstation Raw Water Terminal	2 • Zondagsfontein Dam • Witklip bottom dam

Province	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
North West	2	• Crocodile River Mine return Water Dam • Rockwall Dam	2 • Crocodile River Mine return Water Dam • Rockwall Dam	-	-	--
Western Cape	20	• Rooiland Dam • Mountain Dam • Middelspost Dam 2 • Populierbos Dam • Pary – Groot Dam • Diep Dam • Knorhoek Dam • Simonsvlei Dam • Houdconstant Dam • Groot • Maanbergskloof Dam • Nek-se-dam • Kweperkraal Dam • Stoor Dam • Melkboom Dam • Hely-Hutchinson Dam • Tygerberg Service Reservoir No2 • Silvermine Dam • Leeuwenhoek Dam 2 • Devonvale Groot Dam	6 • Rooiland Dam • Mountain Dam • Middelspost Dam 2 • Populierbos Dam • Pary – Groot Dam • Diep Dam	6 • Knorhoek Dam • Simonsvlei Dam • Houdconstant Dam • Groot • Maanbergskloof Dam • Nek-se-dam	6 • Kweperkraal Dam • Stoor Dam • Melkboom Dam • Hely-Hutchinson Dam • Tygerberg Service Reservoir No2 • Silvermine Dam	2 • Leeuwenhoek Dam 2 • Devonvale Groot Dam
Sub-Total	70		21	20	19	10
Total	**324**		**85**	**97**	**90**	**52**

PPI No 5.1.8: Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements

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	483	KwaZulu-Natal	Ugu District Municipality	Harding
2	-	Sasol Synfuels	Sasol Infrachem Sasolburg	484	KwaZulu-Natal	Ugu District Municipality	KwaMbonwa
3	-	Sun City Resort	Sun City WWTW	485	KwaZulu-Natal	Ugu District Municipality	Malangeni
4	-	Nedbank	Nedbank Olwazini WWTW	486	KwaZulu-Natal	Ugu District Municipality	Margate
5	-	Kruger National Park	Shingwedzi WWTW	487	KwaZulu-Natal	Ugu District Municipality	Umbango
6	-	Kruger National Park	Skukuza WWTW	488	KwaZulu-Natal	Ugu District Municipality	Melville
7	-	Kruger National Park	Tshokwane WWTW	489	KwaZulu-Natal	Ugu District Municipality	Munster
8	-	Kruger National Park	Malelane WWTW	490	KwaZulu-Natal	Ugu District Municipality	Ramsgate
9	-	Kruger National Park	Pretoriuskop WWTW	491	KwaZulu-Natal	Ugu District Municipality	Red Dessert
10	-	Kruger National Park	Punda WWTW	492	KwaZulu-Natal	Ugu District Municipality	Scottburgh
11	-	Kruger National Park	Satara WWTW	493	KwaZulu-Natal	Ugu District Municipality	Shelley Beach
12	-	Kruger National Park	Lower Sabie WWTW	494	KwaZulu-Natal	Ugu District Municipality	Skogheim-Bhobhoyi
13	-	Kruger National Park	Olifants WWTW	495	KwaZulu-Natal	Ugu District Municipality	Southbroom
14	-	Kruger National Park	Orpen WWTW	496	KwaZulu-Natal	Ugu District Municipality	Umzinto
15	-	Kruger National Park	Berg en Dal WWTW	497	KwaZulu-Natal	Ugu District Municipality	Uvongo
16	-	Kruger National Park	WPS WWTW	498	KwaZulu-Natal	uMgungundlovu District Municipality	Applebosch Hospital
17	-	Kruger National Park	Letaba WWTW	499	KwaZulu-Natal	uMgungundlovu District Municipality	Camperdown
18	Eskom Power Station	Eskom Power Station	Camden Power Station WWTW	500	KwaZulu-Natal	uMgungundlovu District Municipality	Coolair
19	Eskom Power Station	Eskom Power Station	Matla Power Station WWTW	501	KwaZulu-Natal	uMgungundlovu District Municipality	Howick

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
20	Department of Public Works	Eastern Cape Mthatha	Cofimvaba CS	502	KwaZulu-Natal	uMgungundlovu District Municipality	Mooi River
21	Department of Public Works	Eastern Cape Mthatha	Elliotdale CS	503	KwaZulu-Natal	uMgungundlovu District Municipality	Richmond
22	Department of Public Works	Eastern Cape Mthatha	Elliotdale SAPS	504	KwaZulu-Natal	uMhlathuze Local Municipality	Empangeni
23	Department of Public Works	Eastern Cape Mthatha	Engcobo CS	505	KwaZulu-Natal	uMhlathuze Local Municipality	Esikhawini
24	Department of Public Works	Eastern Cape Mthatha	Flagstaff CS	506	KwaZulu-Natal	uMhlathuze Local Municipality	Ngwelezana
25	Department of Public Works	Eastern Cape Mthatha	Libode CS	507	KwaZulu-Natal	uMhlathuze Local Municipality	Nseleni
26	Department of Public Works	Eastern Cape Mthatha	Lusikisiki CS	508	KwaZulu-Natal	uMhlathuze Local Municipality	Vulindlela
27	Department of Public Works	Eastern Cape Mthatha	Maluti SAPS (Military base)	509	KwaZulu-Natal	uMkhanyakude District Municipality	Bethesda Hospital-Ubombo
28	Department of Public Works	Eastern Cape Mthatha	Mthatha ACCU SAPS	510	KwaZulu-Natal	uMkhanyakude District Municipality	Hlabisa Hospital
29	Department of Public Works	Eastern Cape Mthatha	Mthatha CS	511	KwaZulu-Natal	uMkhanyakude District Municipality	Hluhluwe
30	Department of Public Works	Eastern Cape Mthatha	Mthatha 14SAI	512	KwaZulu-Natal	uMkhanyakude District Municipality	Ingwavuma-Mosvold Hospital
31	Department of Public Works	Eastern Cape Mthatha	Mount Fletcher CS	513	KwaZulu-Natal	uMkhanyakude District Municipality	Jozini
32	Department of Public Works	Eastern Cape Mthatha	Mqanduli CS	514	KwaZulu-Natal	uMkhanyakude District Municipality	KwaMsane
33	Department of Public Works	Eastern Cape Mthatha	Mzamba SAPS	515	KwaZulu-Natal	uMkhanyakude District Municipality	Manguzi Hospital
34	Department of Public Works	Eastern Cape Mthatha	Ngqamakhwe DCS	516	KwaZulu-Natal	uMkhanyakude District Municipality	Mtubatuba
35	Department of Public Works	Eastern Cape Mthatha	Qunu Museum	517	KwaZulu-Natal	uMkhanyakude District Municipality	Mkhuze

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
36	Department of Public Works	Eastern Cape Mthatha	Ntabankulu CS	518	KwaZulu-Natal	uMkhanyakude District Municipality	St Lucia Ponds
37	Department of Public Works	Eastern Cape Mthatha	Willowvale CS	519	KwaZulu-Natal	uMsunduzi Local Municipality	Darvill
38	Department of Public Works	Eastern Cape Port Elizabeth	Middeldrift Prison	52	KwaZulu-Natal	uMsunduzi Local Municipality	Lynnfield Park
39	Department of Public Works	Eastern Cape Port Elizabeth	Heald Town Police Station	521	KwaZulu-Natal	uMzinyathi District Municipality	Dundee-Glencoe
40	Department of Public Works	Eastern Cape Port Elizabeth	Debe Nek Police Station	522	KwaZulu-Natal	uMzinyathi District Municipalit	Greytown
41	Department of Public Works	Eastern Cape Port Elizabeth	Die Blaar Housing Complex	523	KwaZulu-Natal	uMzinyathi District Municipalit	Nqutu New
42	Department of Public Works	Eastern Cape Port Elizabeth	Storms River Police Station	524	KwaZulu-Natal	uMzinyathi District Municipalit	Pomeroy Ponds
43	Department of Public Works	Eastern Cape Port Elizabeth	Kwaaibrandt Housing Complex	525	KwaZulu-Natal	uMzinyathi District Municipalit	Tugela Ferry
44	Department of Public Works	Eastern Cape Port Elizabeth	Patensie Prison	526	KwaZulu-Natal	uThukela District Municipality	Ladysmith
45	Department of Public Works	Eastern Cape Port Elizabeth	Kirkwood Prison	527	KwaZulu-Natal	uThukela District Municipality	Estcourt
46	Department of Public Works	Eastern Cape Port Elizabeth	Middleburg/ Grootfontein Agric College	528	KwaZulu-Natal	uThukela District Municipality	Colenso
47	Department of Public Works	Eastern Cape Port Elizabeth	Albany Prison	529	KwaZulu-Natal	uThukela District Municipality	Bergville
48	Department of Public Works	Eastern Cape Port Elizabeth	Bulembu SAPS Airport	530	KwaZulu-Natal	uThukela District Municipality	Winterton
49	Department of Public Works	Free State	Bloemspruit	531	KwaZulu-Natal	uThukela District Municipality	Ekuvukeni
50	Department of Public Works	Free State	Caledonspoort	532	KwaZulu-Natal	uThukela District Municipality	Ezakheni
51	Department of Public Works	Free State	Goedemoed	533	KwaZulu-Natal	uThukela District Municipality	Weenen

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
52	Department of Public Works	Free State	Groenpunt	534	KwaZulu-Natal	uThukela District Municipality	Wembezi
53	Department of Public Works	Free State	Grootvlei	535	KwaZulu-Natal	uThungulu District Municipality	Catherine Booth Hospital
54	Department of Public Works	Free State	Maseru Bridge	536	KwaZulu-Natal	uThungulu District Municipality	Ekhombe Hospital
55	Department of Public Works	Free State	22 Field Unit	537	KwaZulu-Natal	uThungulu District Municipality	Ekuphumuleni Hospital
56	Department of Public Works	Free State	Debrig/ DOD Mob Center	538	KwaZulu-Natal	uThungulu District Municipality	Gingindlovu Ponds
57	Department of Public Works	Gauteng Pretoria	Zonderwater CS	539	KwaZulu-Natal	uThungulu District Municipality	King Dinizulu
58	Department of Public Works	Gauteng Pretoria	Boekenhoutkloof Military Base	540	KwaZulu-Natal	uThungulu District Municipality	KwaBadala
59	Department of Public Works	Gauteng Pretoria	CAT Military Base	541	KwaZulu-Natal	uThungulu District Municipality	Mbongolwane Hospital
60	Department of Public Works	Gauteng Pretoria	Ditholo Military Base	542	KwaZulu-Natal	uThungulu District Municipality	Melmoth Ponds
61	Department of Public Works	Gauteng Pretoria	Roodeplaat Dog School (SAPS)	543	KwaZulu-Natal	uThungulu District Municipality	MpushiniPonds
62	Department of Public Works	Gauteng Pretoria	Thabatshwane Military Base	544	KwaZulu-Natal	uThungulu District Municipality	Mtunzini
63	Department of Public Works	Gauteng Pretoria	Toitskraal	545	KwaZulu-Natal	uThungulu District Municipality	Nkandla
64	Department of Public Works	Gauteng Pretoria	Wallmansthal Military Base	546	KwaZulu-Natal	uThungulu District Municipality	Oceanview
65	Department of Public Works	Gauteng JHB	Devon	547	KwaZulu-Natal	Zululand District Municipality	Owen Sithole Agriculture College
66	Department of Public Works	Limpopo	Acornhoek SAPS	548	KwaZulu-Natal	Zululand District Municipality	Ceza Hospital
67	Department of Public Works	Limpopo	Beit Bridge Border Post	549	KwaZulu-Natal	Zululand District Municipality	Coronation

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
68	Department of Public Works	Limpopo	Hoedspruit Military Base-Main Works	550	KwaZulu-Natal	Zululand District Municipality	eDumbe-Paul Pietersburg
69	Department of Public Works	Limpopo	Hoedspruit Boston Military Base	551	KwaZulu-Natal	Zululand District Municipality	eMondlo
70	Department of Public Works	Limpopo	Hoedspruit Military Base-BVVA	552	KwaZulu-Natal	Zululand District Municipality	Hlobane
71	Department of Public Works	Limpopo	Hoedspruit Military Base - HQ	553	KwaZulu-Natal	Zululand District Municipality	Itselejuba Hospital
72	Department of Public Works	Limpopo	Hoedspruit Military Base - 8SQ	554	KwaZulu-Natal	Zululand District Municipality	Ulundi
73	Department of Public Works	Limpopo	Hoedspruit Military Base - 19SQ	555	KwaZulu-Natal	Zululand District Municipality	Nkonjeni Hospital Ponds
74	Department of Public Works	Limpopo	Hoedspruit Military Base - 85SQ	556	KwaZulu-Natal	Zululand District Municipality	Nongoma
75	Department of Public Works	Limpopo	Hoedspruit Military Base - 400SQ	557	KwaZulu-Natal	Zululand District Municipality	Pongola
76	Department of Public Works	Limpopo	Hoedspruit Military Base - 514SQ	558	KwaZulu-Natal	Zululand District Municipality	St Francis Hospital
77	Department of Public Works	Limpopo	Leboeng SAPS	559	Limpopo	BelaBela Local Municipality	Pienaarsrivier
78	Department of Public Works	Limpopo	Makhado Military Base	560	Limpopo	BelaBela Local Municipality	Radium
79	Department of Public Works	Limpopo	Matatshe CS	561	Limpopo	Capricorn Local Municipality	Warmbath
80	Department of Public Works	Limpopo	Naboomspruit Military Base	562	Limpopo	Capricorn Local Municipality	Alldays
81	Department of Public Works	Limpopo	Soekmekaar Magistrate Court	563	Limpopo	Capricorn Local Municipality	Lebowakgomo AS Plant
82	Department of Public Works	Limpopo	Vuwane Military Base	564	Limpopo	Capricorn Local Municipality	Mogwadi
83	Department of Public Works	Mpumalanga	Barberton CS	565	Limpopo	Capricorn Local Municipality	Lebowakgamo Ponds

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
84	Department of Public Works	Mpumalanga	Camden Military Base	566	Limpopo	Greater Sekhukhune District Municipality	Senwabarwana
85	Department of Public Works	Mpumalanga	Daggakraal SAPS	567	Limpopo	Greater Sekhukhune District Municipality	Burgersfort
86	Department of Public Works	Mpumalanga	Geluk CS	568	Limpopo	Greater Sekhukhune District Municipality	Dennilton
87	Department of Public Works	Mpumalanga	Lebombo Port of Entry	569	Limpopo	Greater Sekhukhune District Municipality	Elandskraal
88	Department of Public Works	Mpumalanga	Mahamba Port of Entry	570	Limpopo	Greater Sekhukhune District Municipality	Groblersdal
89	Department of Public Works	Mpumalanga	Oshoek Port of Entry	571	Limpopo	Greater Sekhukhune District Municipality	Jane Furse Ponds
90	Department of Public Works	Mpumalanga	Sand River Military Base	572	Limpopo	Greater Sekhukhune District Municipality	Leeuwfontein Mokganyaka
91	Department of Public Works	Mpumalanga	Witbank CS	573	Limpopo	Greater Sekhukhune District Municipality	Mapokile ponds
92	Department of Public Works	Mpumalanga	Zonestraal Military Base	574	Limpopo	Greater Sekhukhune District Municipality	Marle Hall
93	Department of Public Works	Mpumalanga	Acornhoek	575	Limpopo	Greater Sekhukhune District Municipality	Meckleberg Moreke ponds
94	Department of Public Works	Mpumalanga	Barberton CS	576	Limpopo	Greater Sekhukhune District Municipality	Monsterslus-Hlogotlou
95	Department of Public Works	North West	Bray SAPS	577	Limpopo	Greater Sekhukhune District Municipality	Motetema
96	Department of Public Works	North West	Boshoek SAPS	578	Limpopo	Greater Sekhukhune District Municipality	Nebo ponds

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
97	Department of Public Works	North West	Klipdrift MB	579	Limpopo	Greater Sekhukhune District Municipality	Penge
98	Department of Public Works	North West	Losperfontein CS	580	Limpopo	Greater Sekhukhune District Municipality	Phokwane ponds
99	Department of Public Works	North West	Molopo MB	581	Limpopo	Greater Sekhukhune District Municipality	Roosenenkal
100	Department of Public Works	North West	Ramatlabama BC	582	Limpopo	Greater Sekhukhune District Municipality	Steelpoort
101	Department of Public Works	North West	Rooigrond CS	583	Limpopo	Lephalale Local Municipality	Tubatse ponds
102	Department of Public Works	North West	Skilpad BC	584	Limpopo	Lephalale Local Municipality	Paarl
103	Department of Public Works	North West	Swartkopfontein BC	585	Limpopo	Lephalale Local Municipality	Witpoort
104	Department of Public Works	North West	Welgegend	586	Limpopo	Modimolle Local Municipality	Zongesien
105	Department of Public Works	Western Cape	Brandvlei Prison	587	Limpopo	Modimolle Local Municipality	Modimolle
106	Department of Public Works	Western Cape	Buffeljagsrivier Prison	588	Limpopo	Mogalakwena Local Municipality	Vaalwater
107	Department of Public Works	Western Cape	Drakenstein Prison	589	Limpopo	Mogalakwena Local Municipality	Mokopane old & New
108	Department of Public Works	Western Cape	Dwarsrivier Prison	590	Limpopo	Mookgophong Local Municipality	Rebone
109	Department of Public Works	Western Cape	Helderstroom Prison	591	Limpopo	Mookgophong Local Municipality	Naboomspruit
110	Department of Public Works	Western Cape	Langebaan Road Central Flight School	592	Limpopo	Mopani District Municipality	Thusanag Ponds (Roedtan)
111	Department of Public Works	Western Cape	Paardeberg Prison	593	Limpopo	Mopani District Municipality	Lulekani

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
112	Department of Public Works	Western Cape	Riebeek West Prison	594	Limpopo	Mopani District Municipality	Namakgale
113	Department of Public Works	Western Cape	Robben Island	595	Limpopo	Mopani District Municipality	Phalaborwa
114	Department of Public Works	Western Cape	Saldanha Naval Base	596	Limpopo	Mopani District Municipality	Ga-Kgapane
115	Department of Public Works	Western Cape	Test Flight & Development Centre	597	Limpopo	Mopani District Municipality	Giyani
116	Department of Public Works	Western Cape	Voorberg Prison	598	Limpopo	Mopani District Municipality	Lenyenye
117	Department of Public Works	Northern Cape	Lohatlha Military Base	599	Limpopo	Vhembe District Municipality	Rietvlei
118	Department of Public Works	Northern Cape	Louisvale Military Base	600	Limpopo	Mopani District Municipality	Nkowankowa
119	Department of Public Works	Northern Cape	Middelputs Border Post	601	Limpopo	Mopani District Municipality	Senwamokgope
120	Department of Public Works	Northern Cape	Nakop	602	Limpopo	Mopani District Municipality	Tzaneen
121	Department of Public Works	Northern Cape	Olifantshoek Radio Station	603	Limpopo	Mopani District Municipality	Phafhudi hospital
122	Department of Public Works	Northern Cape	Vioolsdrift Port of Entry	604	Limpopo	Polokwane Local Municipality	Shilubane hospital
123	Department of Public Works	KZN North	Onverwacht Border Post	605	Limpopo	Polokwane Local Municipality	Mankweng
124	Department of Public Works	KZN North	Mtubatuba SANDF	606	Limpopo	Polokwane Local Municipality	Polokwane Pasveer
125	Department of Public Works	KZN North	Esibayeni SAPS	607	Limpopo	Thabazimbi Local Municipality	Seshego
126	Department of Public Works	KZN North	Ubombo SAPS	608	Limpopo	Thabazimbi Local Municipality	Northam
127	Department of Public Works	KZN North	Golela Border Post	609	Limpopo	Thabazimbi Local Municipality	Rooiberg

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
128	Department of Public Works	KZN North	Ingwavuma SAPS	610	Limpopo	Vhembe District Municipality	Thabazimbi
129	Department of Public Works	KZN North	Ndumo SANDF	611	Limpopo	Vhembe District Municipality	Louis Trichardt Makhado
130	Department of Public Works	KZN North	Emanguzi SAPS	612	Limpopo	Vhembe District Municipality	Makhado Dzanani
131	Department of Public Works	KZN North	Glencoe Prison	613	Limpopo	Vhembe District Municipality	Malamulele
132	Department of Public Works	KZN North	Hlobane SAPS	614	Limpopo	Vhembe District Municipality	Mhinga
133	Department of Public Works	KZN North	Ncome Prison	615	Limpopo	Vhembe District Municipality	Musina
134	Department of Public Works	KZN North	Waterval Prison	616	Limpopo	Vhembe District Municipality	Mutale ponds
135	Department of Public Works	KZN North	Ekuseni Youth Centre	617	Limpopo	Vhembe District Municipality	Nancefield
136	Department of Public Works	KZN South	Sevontein Prison	618	Limpopo	Vhembe District Municipality	Thohoyandou
137	Department of Public Works	KZN South	Wartburg SAPS	619	Limpopo	Vhembe District Municipality	Tshifulanani ponds
138	Department of Public Works	KZN South	Nkandla Prestige Project	620	Limpopo	Vhembe District Municipality	Vleifontein ponds
139	Department of Public Works	KZN South	New Hanover Prison	621	Limpopo	Vhembe District Municipality	Vuwani ponds
140	Department of Public Works	KZN South	Kranskop Prison	622	Limpopo	Vhembe District Municipality	Waterval Makhado
141	Department of Public Works	KZN South	Mthunzini Prison	623	Mpumalanga	Albert Luthuli Local Municipality	Carolina
142	Eastern Cape	Alfred Nzo Local Municipality	Cedarville	624	Mpumalanga	Albert Luthuli Local Municipality	Ekulendeni-Kromdraai
143	Eastern Cape	Alfred Nzo Local Municipality	Matatiele	625	Mpumalanga	Albert Luthuli Local Municipality	Elukwatini-Eerstehoek

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
144	Eastern Cape	Alfred Nzo Local Municipality	Mount Ayliff	626	Mpumalanga	Albert Luthuli Local Municipality	Mpuluzi-Mayflower
145	Eastern Cape	Alfred Nzo Local Municipality	Mount Frere	627	Mpumalanga	Bushbuckridge Local Municipality	Badplaas
146	Eastern Cape	Alfred Nzo Local Municipality	Bizana	628	Mpumalanga	Bushbuckridge Local Municipality	Dwarsloop
147	Eastern Cape	Alfred Nzo Local Municipality	Ntabankulu	629	Mpumalanga	Bushbuckridge Local Municipality	Mkhuhlu
148	Eastern Cape	Amathole District Municipality	Adelaide	630	Mpumalanga	Bushbuckridge Local Municipality	Thulamahashe
149	Eastern Cape	Amathole District Municipality	Alice-Fort Hare	631	Mpumalanga	Bushbuckridge Local Municipality	Hoxane
150	Eastern Cape	Amathole District Municipality	Amabele	632	Mpumalanga	Bushbuckridge Local Municipality	Maviljan
151	Eastern Cape	Amathole District Municipality	Bedford	633	Mpumalanga	Bushbuckridge Local Municipality	Tintswalo
152	Eastern Cape	Amathole District Municipality	Butterworth	634	Mpumalanga	Bushbuckridge Local Municipality	Acornhoek
153	Eastern Cape	Amathole District Municipality	Cathcart	635	Mpumalanga	Dipaleseng Local Municipality	Manghwazi
154	Eastern Cape	Amathole District Municipality	Cinsta East	636	Mpumalanga	Dipaleseng Local Municipality	Balfour
155	Eastern Cape	Amathole District Municipality	Fort Beaufort	637	Mpumalanga	Dipaleseng Local Municipality	Groutvlei Eskom
156	Eastern Cape	Amathole District Municipality	Idutywa	638	Mpumalanga	Dipaleseng Local Municipality	Grootvlei Mine
157	Eastern Cape	Amathole District Municipality	Kei Mouth	639	Mpumalanga	Dr JS Moroka Local Municipality	Greylingstad
158	Eastern Cape	Amathole District Municipality	Keiskammahoek	640	Mpumalanga	Dr JS Moroka Local Municipality	Siyabuswa
159	Eastern Cape	Amathole District Municipality	Komga	641	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
160	Eastern Cape	Amathole District Municipality	Middledrift	642	Mpumalanga	Emakhazeni Local Municipality	Toitskraal
161	Eastern Cape	Amathole District Municipality	Peddie	643	Mpumalanga	Emakhazeni Local Municipality	Machadodorp
162	Eastern Cape	Amathole District Municipality	Seymour	644	Mpumalanga	Emakhazeni Local Municipality	Belfast
163	Eastern Cape	Amathole District Municipality	Stutterheim	645	Mpumalanga	Emakhazeni Local Municipality	Dullstroom
164	Eastern Cape	Baviaans Local Municipality	Steytlerville WWTW	646	Mpumalanga	Emakhazeni Local Municipality	Emthonjeni
165	Eastern Cape	Baviaans Local Municipality	Willowmore WWTW	647	Mpumalanga	Emalahleni Local Municipality	WatervalBoven-Mgwenwa
166	Eastern Cape	Baviaans Local Municipality	Rietbron WWTW	648	Mpumalanga	Emalahleni Local Municipality	Riverviw
167	Eastern Cape	Blue Crane Route Local Municipality	Cookhouse	649	Mpumalanga	Emalahleni Local Municipality	Ferrobank
168	Eastern Cape	Blue Crane Route Local Municipality	Pearston	650	Mpumalanga	Emalahleni Local Municipality	Klipspruit
169	Eastern Cape	Blue Crane Route Local Municipality	Somerset East	651	Mpumalanga	Emalahleni Local Municipality	Naauwpoort
170	Eastern Cape	Buffalo City Local Municipality	Amalinda Central	652	Mpumalanga	Emalahleni Local Municipality	Kriel-Ganala
171	Eastern Cape	Buffalo City Local Municipality	Berlin	653	Mpumalanga	Emalahleni Local Municipality	Phola-Ogies
172	Eastern Cape	Buffalo City Local Municipality	Breidbach	654	Mpumalanga	Govan Mbeki Local Municipality	Rietspruit
173	Eastern Cape	Buffalo City Local Municipality	Bisho	655	Mpumalanga	Govan Mbeki Local Municipality	Embalenhle
174	Eastern Cape	Buffalo City Local Municipality	Dimbaza	656	Mpumalanga	Govan Mbeki Local Municipality	Kinross
175	Eastern Cape	Buffalo City Local Municipality	East Bank	657	Mpumalanga	Govan Mbeki Local Municipality	Leandra-Leslie
176	Eastern Cape	Buffalo City Local Municipality	Gonubie	658	Mpumalanga	Govan Mbeki Local Municipality	Bthal

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177	Eastern Cape	Buffalo City Local Municipality	Keyser's Beach	659	Mpumalanga	Govan Mbeki Local Municipality	Evander
178	Eastern Cape	Buffalo City Local Municipality	Kidd's Beach	660	Mpumalanga	Lekwa Local Municipality	Trichardt
179	Eastern Cape	Buffalo City Local Municipality	Mdantsane East	661	Mpumalanga	Lekwa Local Municipality	Standerton
180	Eastern Cape	Buffalo City Local Municipality	Postdam	662	Mpumalanga	Mbombela Local Municipality	Morgenzon
181	Eastern Cape	Buffalo City Local Municipality	Reeston	663	Mpumalanga	Mbombela Local Municipality	Kabokweni
182	Eastern Cape	Buffalo City Local Municipality	Schornville KWT	664	Mpumalanga	Mbombela Local Municipality	Kingstonvale
183	Eastern Cape	Buffalo City Local Municipality	West Bank	665	Mpumalanga	Mbombela Local Municipality	White river
184	Eastern Cape	Buffalo City Local Municipality	Zwelitcha	666	Mpumalanga	Mbombela Local Municipality	Kanyamanzane
185	Eastern Cape	Camdeboo Local Municipality	Aberdeen	667	Mpumalanga	Mbombela Local Municipality	Hazyview
186	Eastern Cape	Camdeboo Local Municipality	Graff Reniet	668	Mpumalanga	Mbombela Local Municipality	Matsulu
187	Eastern Cape	Camdeboo Local Municipality	NieuBethseda	669	Mpumalanga	Mbombela Local Municipality	Rockys Drift
188	Eastern Cape	Chris Hani District Municipality	Cala	670	Mpumalanga	Mbombela Local Municipality	Davel
189	Eastern Cape	Chris Hani District Municipality	Cofimvaba	671	Mpumalanga	Mbombela Local Municipality	Lothair
190	Eastern Cape	Chris Hani District Municipality	Cradock	672	Mpumalanga	Mbombela Local Municipality	Hectorspruit
191	Eastern Cape	Chris Hani District Municipality	Dordrecht	673	Mpumalanga	Pixley ka Seme Local Municipality	Malelane
192	Eastern Cape	Chris Hani District Municipality	Elliot	674	Mpumalanga	Pixley ka Seme Local Municipality	Volksrust

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193	Eastern Cape	Chris Hani District Municipality	Engcobo	675	Mpumalanga	Pixley ka Seme Local Municipality	Vukuzakhe
194	Eastern Cape	Chris Hani District Municipality	Hofmeyr	676	Mpumalanga	PixleykaSeme Local Municipality	Wakkerstroom
195	Eastern Cape	Chris Hani District Municipality	Indwe	677	Mpumalanga	PixleykaSeme Local Municipality	Amersfoort
196	Eastern Cape	Chris Hani District Municipality	Lady Frere	678	Mpumalanga	Steve Tshwete Local Municipality	Perdekop
197	Eastern Cape	Chris Hani District Municipality	Molteno	679	Mpumalanga	Steve Tshwete Local Municipality	Boskrans-Mhluzi-Middelburg
198	Eastern Cape	Chris Hani District Municipality	Middleburg	680	Mpumalanga	Steve Tshwete Local Municipality	KwaZamokuhle-Hendrina
199	Eastern Cape	Chris Hani District Municipality	Queenstown	681	Mpumalanga	Steve Tshwete Local Municipality	Komati
200	Eastern Cape	Chris Hani District Municipality	Sada	682	Mpumalanga	Thaba Chweu Local Municipality	Blink Tweefonteinpan-Mine Village
201	Eastern Cape	Chris Hani District Municipality	Sterkstroom	683	Mpumalanga	Thaba Chweu Local Municipality	Lydenburg
202	Eastern Cape	Chris Hani District Municipality	Tarkastad	684	Mpumalanga	Thaba Chweu Local Municipality	Sabie
203	Eastern Cape	Chris Hani District Municipality	Tsomo	685	Mpumalanga	Thembisile Local Municipality	Graskop
204	Eastern Cape	Ikwezi Local Municipality	Kliplaats	686	Mpumalanga	Thembisile Local Municipality	KwaMhlanga Ponds East
205	Eastern Cape	Ikwezi Local Municipality	Jansenville	687	Mpumalanga	Umjindi Local Municipality	KwaMhlanga West
206	Eastern Cape	Joe Gqabi District Municipality	Aliwal North	688	Mpumalanga	Victor Khanye Local Municipality	Barberton
207	Eastern Cape	Joe Gqabi District Municipality	Barkley East (Old Plant)	689	Mpumalanga	Victor Khanye Local Municipality	Botleng
208	Eastern Cape	Joe Gqabi District Municipality	Barkley East (New Plant)	690	Mpumalanga	Victor Khanye Local Municipality	Delmas
209	Eastern Cape	Joe Gqabi District Municipality	Burgersdorp	691	North West	Dr Ruth S Mompati Local Municipality	Bloemhof

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210	Eastern Cape	Joe Gqabi District Municipality	Nerchle	692	North West	Dr Ruth S Mompati Local Municipality	Scweizer-Reinecker
211	Eastern Cape	Joe Gqabi District Municipality	Jamestown	693	North West	Dr Ruth S Mompati Local Municipality	Vryburg
212	Eastern Cape	Joe Gqabi District Municipality	Lady Grey	694	North West	Kgetleng River Local Municipality	Christiana
213	Eastern Cape	Joe Gqabi District Municipality	Maclear (AS)	695	North West	Kgetleng River Local Municipality	Koster
214	Eastern Cape	Joe Gqabi District Municipality	Maclear (OP)	696	North West	Madibeng Local Municipality	Swartruggens
215	Eastern Cape	Joe Gqabi District Municipality	Mount Fletcher	697	North West	Madibeng Local Municipality	Brits
216	Eastern Cape	Joe Gqabi District Municipality	Oviston	698	North West	Madibeng Local Municipality	Letlhabile
217	Eastern Cape	Joe Gqabi District Municipality	Prenjiesberg	699	North West	Madibeng Local Municipality	Haartbeespoort
218	Eastern Cape	Joe Gqabi District Municipality	Sterkspruit	700	North West	Maquassi Hills Local Municipality	Mothotlung
219	Eastern Cape	Joe Gqabi District Municipality	Steynsburg	701	North West	Maquassi Hills Local Municipality	Leeudoringstad
220	Eastern Cape	Joe Gqabi District Municipality	Ugie	702	North West	Matlosana Local Municipality	Wolmaranstad
221	Eastern Cape	Joe Gqabi District Municipality	Venterstad	703	North West	Matlosana Local Municipality	Klerksdorp
222	Eastern Cape	Kouga Local Municipality	Hankey	704	North West	Matlosana Local Municipality	Orkney
223	Eastern Cape	Kouga Local Municipality	Humansdorp	705	North West	Matlosana Local Municipality	Stilfontein
224	Eastern Cape	Kouga Local Municipality	Jeffreys Bay	706	North West	Moretele Local Municipality	Haartbeesfontein
225	Eastern Cape	Kouga Local Municipality	Kruisfontein	707	North West	Moses Kotane Local Municipality	Ga MotlaSwartdam
226	Eastern Cape	Kouga Local Municipality	Loerie	708	North West	Moses Kotane Local Municipality	Madikwe

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227	Eastern Cape	Kouga Local Municipality	St Francis	709	North West	Ngaka Modiri Molema Local Municipality	Mogwase
228	Eastern Cape	Kouga Local Municipality	Thornhill	710	North West	Ngaka Modiri Molema Local Municipality	Mmabatho
229	Eastern Cape	Koukamma Local Municipality	Blikkiesdorp	711	North West	Ngaka Modiri Molema Local Municipality	Lichtenburg
230	Eastern Cape	Koukamma Local Municipality	Clarkson	712	North West	Ngaka Modiri Molema Local Municipality	Daleryville
231	Eastern Cape	Koukamma Local Municipality	Coldstream 1	713	North West	Ngaka Modiri Molema Local Municipality	Lehurutshe-Welbedacht
232	Eastern Cape	Koukamma Local Municipality	Coldstream 2 / Laaurel Ridge	714	North West	Ngaka Modiri Molema Local Municipality	Ottosdal
233	Eastern Cape	Koukamma Local Municipality	Joubertina / Ravinia	715	North West	Ngaka Modiri Molema Local Municipality	Sannieshof
234	Eastern Cape	Koukamma Local Municipality	Kareedouw	716	North West	Ngaka Modiri Molema Local Municipality	Zeerust
235	Eastern Cape	Koukamma Local Municipality	Krakeel River	717	North West	Ngaka Modiri Molema Local Municipality	Itsoseng
236	Eastern Cape	Koukamma Local Municipality	Louter Water	718	North West	Ngaka Modiri Molema Local Municipality	Mafikeng
237	Eastern Cape	Koukamma Local Municipality	Misgund	719	North West	Ngaka Modiri Molema Local Municipality	Atamelang
238	Eastern Cape	Koukamma Local Municipality	Nompumelelo / Sandrift Mandelapark	720	North West	Rustenburg Local Municipality	Coligny
239	Eastern Cape	Koukamma Local Municipality	Stormsriver	721	North West	Rustenburg Local Municipality	Boitekong
240	Eastern Cape	Koukamma Local Municipality	Woodlands	722	North West	Rustenburg Local Municipality	Rustenburg
241	Eastern Cape	Makana Local Municipality	Alicedale	723	North West	Rustenburg Local Municipality	Lethabong
242	Eastern Cape	Makana Local Municipality	Belmont Valley	724	North West	Tlokwe Local Municipality	Monakato

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243	Eastern Cape	Makana Local Municipality	Mayfield	725	North West	Ventersdorp Local Municipality	Potchefstroom-Tlokwe
244	Eastern Cape	Ndlambe Local Municipality	Alexandria / Kwanonkqubela	726	North West	Ventersdorp Local Municipality	Ventersdorp
245	Eastern Cape	Ndlambe Local Municipality	Bathurst / Molukhanyo	727	Northern Cape	Kai Garib Local Municipality	Kakamas
246	Eastern Cape	Ndlambe Local Municipality	Boesman river Mouth / Marselle	728	Northern Cape	Kai Garib Local Municipality	Keimoes
247	Eastern Cape	Ndlambe Local Municipality	Kenton on Sea / Ekuphumleni	729	Northern Cape	iKheis Local Municipality	Kenhardt
248	Eastern Cape	Ndlambe Local Municipality	Port Alfred	730	Northern Cape	iKheis Local Municipality	Groblershoop
249	Eastern Cape	Nelson Mandela Metropolitan Municipality	Cape Receife	731	Northern Cape	iKheis Local Municipality	Brandboom
250	Eastern Cape	Nelson Mandela Metropolitan Municipality	Despatch	732	Northern Cape	iKheis Local Municipality	Wegdraai
251	Eastern Cape	Nelson Mandela Metropolitan Municipality	Driftsands	733	Northern Cape	iKheis Local Municipality	Topline
252	Eastern Cape	Nelson Mandela Metropolitan Municipality	Fishwater Flats-Domestic	734	Northern Cape	Dikgatlong Local Municipality	Grootdrink
253	Eastern Cape	Nelson Mandela Metropolitan Municipality	Fishwater Flats Industrial	735	Northern Cape	Dikgatlong Local Municipality	Barkly West
254	Eastern Cape	Nelson Mandela Metropolitan Municipality	Kelvin Jones	736	Northern Cape	Dikgatlong Local Municipality	Delpoortshoop
255	Eastern Cape	Nelson Mandela Metropolitan Municipality	KwaNobuhle	737	Northern Cape	Emthanjeni Local Municipality	Windsorton
256	Eastern Cape	Nelson Mandela Metropolitan Municipality	Rocklands	738	Northern Cape	Emthanjeni Local Municipality	De Aar
257	Eastern Cape	OR Tambo District Municipality	Bizana	739	Northern Cape	Emthanjeni Local Municipality	Britstown
258	Eastern Cape	OR Tambo District Municipality	Flagstaff	740	Northern Cape	Gamagara Local Municipality	Hanover
259	Eastern Cape	OR Tambo District Municipality	Lusikisiki	741	Northern Cape	Gamagara Local Municipality	Olifantshoek

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260	Eastern Cape	OR Tambo District Municipality	Mqanduli	742	Northern Cape	Gamagara Local Municipality	Dibeng
261	Eastern Cape	OR Tambo District Municipality	Mthatha	743	North West	Ngaka Modiri Molema Local Municipality	Groot Marico
262	Eastern Cape	OR Tambo District Municipality	Ngqeleni	744	Northern Cape	Ga-Segonyana Local Municipality	Kathu
263	Eastern Cape	OR Tambo District Municipality	Ntabankulu	745	Northern Cape	Ga-Segonyana Local Municipality	Kuruman
264	Eastern Cape	OR Tambo District Municipality	Port St Johns	746	Northern Cape	Hantam Local Municipality	Mothibistad
265	Eastern Cape	OR Tambo District Municipality	Qumbu	747	Northern Cape	Hantam Local Municipality	Brandvlei
266	Eastern Cape	OR Tambo District Municipality	Tsolo	748	Northern Cape	Hantam Local Municipality	Calvinia
267	Eastern Cape	Sundays River Valley Local Municipality	Enon/ Bersheba	749	Northern Cape	Hantam Local Municipality	Loeriesfontein
268	Eastern Cape	Sundays River Valley Local Municipality	Greater Addo	750	Northern Cape	Hantam Local Municipality	Nieuwoudtville
269	Eastern Cape	Sundays River Valley Local Municipality	Greater Kirkwood	751	Northern Cape	Joe Morolong Local Municipality	Middelpos
270	Eastern Cape	Sundays River Valley Local Municipality	Peterson	752	Northern Cape	Joe Morolong Local Municipality	Hotazel
271	Free State	Dihlabeng Local Municipality	Bethlehem	753	Northern Cape	Kamiesberg Local Municipality	Van Zylsrus
272	Free State	Dihlabeng Local Municipality	Clarens/ Kgubetswana	754	Northern Cape	Kamiesberg Local Municipality	Garies
273	Free State	Dihlabeng Local Municipality	Fouriesburg/ Mashaeng	755	Northern Cape	Kareeberg Local Municipality	Kamieskroon
274	Free State	Dihlabeng Local Municipality	Paul Roux	756	Northern Cape	Kareeberg Local Municipality	Carnarvon
275	Free State	Dihlabeng Local Municipality	Rosendal/ Mautse	757	Northern Cape	Kareeberg Local Municipality	Vanwyksvlei
276	Free State	Kopanong Local Municipality	Bethulie	758	Northern Cape	Karoo Hoogland Local Municipality	Vosburg

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
277	Free State	Kopanong Local Municipality	Edenburg	759	Northern Cape	Karoo Hoogland Local Municipality	Williston
278	Free State	Kopanong Local Municipality	Fauresmith	760	Northern Cape	Karoo Hoogland Local Municipality	Fraserburg
279	Free State	Kopanong Local Municipality	Gariep Dam	761	Northern Cape	Kgatelopele Local Municipality	Sutherland
280	Free State	Kopanong Local Municipality	Jagersfontein	762	Northern Cape	Khai Ma Local Municipality	Danielskuil
281	Free State	Kopanong Local Municipality	Philipolis	763	Northern Cape	KharaHais Local Municipality	Pofadder
282	Free State	Kopanong Local Municipality	Reddersburg	764	Northern Cape	KharaHais Local Municipality	Kameelmond
283	Free State	Kopanong Local Municipality	Springfontein	765	Northern Cape	Magareng Local Municipality	Louisvaleweg
284	Free State	Kopanong Local Municipality	Trompsburg	766	Northern Cape	Mier Local Municipality	Warrenton
285	Free State	Letsemeng Local Municipality	Jacobsdal	767	Northern Cape	Mier Local Municipality	Rietfontein
286	Free State	Letsemeng Local Municipality	Luckhoff	768	Northern Cape	Mier Local Municipality	Askham
287	Free State	Letsemeng Local Municipality	Koffiefontein	769	Northern Cape	NamaKhoi Local Municipality	Loubos
288	Free State	Letsemeng Local Municipality	Oppermansgronde	770	Northern Cape	NamaKhoi Local Municipality	Bergsig
289	Free State	Letsemeng Local Municipality	Petrusburg	771	Northern Cape	NamaKhoi Local Municipality	Carolusberg
290	Free State	Mafube Local Municipality	Cornelia	772	Northern Cape	NamaKhoi Local Municipality	Concordia
291	Free State	Mafube Local Municipality	Frankfort	773	Northern Cape	NamaKhoi Local Municipality	Komaggas
292	Free State	Mafube Local Municipality	Tweeling	774	Northern Cape	NamaKhoi Local Municipality	Nababeep
293	Fress State	Mangaung Metropolitan Municipality	North East WWTW.	775	Northern Cape	NamaKhoi Local Municipality	Okiep
294	Free State	Mafube Local Municipality	Villiers/ QalaMoedingbotjha	776	Northern Cape	NamaKhoi Local Municipality	Springbok
295	Free State	Maluti	Elandsriver	777	Northern Cape	Phokwane Local Municipality	Steinkopf

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
296	Free State	Maluti	Kestell	778	Northern Cape	Phokwane Local Municipality	Pampierstad
297	Free State	Maluti	Makwane/ Matsegeng	779	Northern Cape	Phokwane Local Municipality	Jan Kempdorp
298	Free State	Maluti	Moeding	780	Northern Cape	Renosterberg Local Municipality	Hartswater
299	Free State	Maluti	Phuthaditjaba	781	Northern Cape	Renosterberg Local Municipality	Vanderkloof
300	Free State	Maluti	Tshiame	782	Northern Cape	Renosterberg Local Municipality	Petrusville
301	Free State	Maluti	Wilge/Harrismith	783	Northern Cape	Richtersveld Local Municipality	Philipstown
302	Free State	Mangaung Metropolitan Municipality	Bainsvlei	784	Northern Cape	Siyancuma Local Municipality	Port Nolloth
303	Free State	Mangaung Metropolitan Municipality	Bloemindustria	785	Northern Cape	Siyancuma Local Municipality	Douglas
304	Free State	Mangaung Metropolitan Municipality	Blowmspruit	786	Northern Cape	Siyancuma Local Municipality	Griekwastad
305	Free State	Mangaung Metropolitan Municipality	Bothsabelo	787	Northern Cape	Siyathemba Local Municipality	Schmidtsdrift
306	Free State	Mangaung Metropolitan Municipality	Northern Works	788	Northern Cape	Siyathemba Local Municipality	Prieska
307	Free State	Mangaung Metropolitan Municipality	Sterkwater	789	Northern Cape	Siyathemba Local Municipality	Marydale
308	Free State	Mangaung Metropolitan Municipality	Thaba Nchu	790	Northern Cape	Sol Plaatjie Local Municipality	Niekerkshoop
309	Free State	Mangaung Metropolitan Municipality	Welvaart	791	Northern Cape	Sol Plaatjie Local Municipality	Beaconsfield
310	Free State	Mantsopa Local Municipality	Excelsior	792	Northern Cape	Sol Plaatjie Local Municipality	Homevale
311	Free State	Mantsopa Local Municipality	Hobhouse	793	Northern Cape	Thembelihle Local Municipality	Ritchie
312	Free State	Mantsopa Local Municipality	Lady Brand	794	Northern Cape	Thembelihle Local Municipality	Hopetown (Old)

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313	Free State	Mantsopa Local Municipality	Thaba Patdisa	795	Northern Cape	Thembelihle Local Municipality	Hopetown (New)
314	Free State	Mantsopa Local Municipality	Tweespruit	796	Northern Cape	Thembelihle Local Municipality	Strydenburg (Old)
315	Free State	Masilonyana Local Municipality	Brandfort	797	Northern Cape	Tsantsabane Local Municipality	Strydenburg (New)
316	Free State	Masilonyana Local Municipality	Soutpan	798	Northern Cape	Tsantsabane Local Municipality	Postmasburg
317	Free State	Masilonyana Local Municipality	Theunissen	799	Northern Cape	Ubuntu Local Municipality	Jenn-Haven
318	Free State	Masilonyana Local Municipality	Verkeerdevlei	800	Northern Cape	Ubuntu Local Municipality	Loxton
319	Free State	Masilonyana Local Municipality	Winburg	801	Northern Cape	Ubuntu Local Municipality	Richmond
320	Free State	Matjhabeng Local Municipality	Allanridge	802	Northern Cape	Umsobomvu Local Municipality	Victoria West
321	Free State	Matjhabeng Local Municipality	Henneman	803	Northern Cape	Umsobomvu Local Municipality	Colesberg
322	Free State	Matjhabeng Local Municipality	Kutlwanong	804	Northern Cape	Umsobomvu Local Municipality	Norvalspont
323	Free State	Matjhabeng Local Municipality	Mmamahabane-Mbabane	805	Northern Cape	Umsobomvu Local Municipality	Noupoort
324	Free State	Matjhabeng Local Municipality	Odendaalsrust	806	Western Cape	Witzenberg Local Municipality	Ceres
325	Free State	Matjhabeng Local Municipality	Phomolong	807	Western Cape	Witzenberg Local Municipality	Tulbagh
326	Free State	Matjhabeng Local Municipality	Thabong	808	Western Cape	Witzenberg Local Municipality	Wolseley
327	Free State	Matjhabeng Local Municipality	Theronia	809	Western Cape	Theewaterskloof Local Municipality	Op-de-Berg
328	Free State	Matjhabeng Local Municipality	Ventersburg	810	Western Cape	Theewaterskloof Local Municipality	Botrivier

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
329	Free State	Matjhabeng Local Municipality	Virginia	811	Western Cape	Theewaterskloof Local Municipality	Caledon
330	Free State	Matjhabeng Local Municipality	Witpan	812	Western Cape	Theewaterskloof Local Municipality	Grabouw
331	Free State	Metsimaholo Local Municipality	Deneysville	813	Western Cape	Theewaterskloof Local Municipality	Riviersonderend
332	Free State	Metsimaholo Local Municipality	Sasolburg	814	Western Cape	Theewaterskloof Local Municipality	Genadendal
333	Free State	Metsimaholo Local Municipality	Oranjeville	815	Western Cape	Theewaterskloof Local Municipality	Villiersdorp
334	Free State	Mohokare Local Municipality	Rouxville	816	Western Cape	Swellendam Local Municipality	Greyton
335	Free State	Mohokare Local Municipality	Smithfield	817	Western Cape	Swellendam Local Municipality	Klipperivier
336	Free State	Mohokare Local Municipality	Zastron	818	North West	Dr Ruth S Mompati Local Municipality	Taung
337	Free State	Moqhaka Local Municipality	Kroonstad	819	Western Cape	Swellendam Local Municipality	Buffeljags
338	Free State	Moqhaka Local Municipality	Steynsrus	820	Western Cape	Swellendam Local Municipality	Suurbraak
339	Free State	Moqhaka Local Municipality	Viljoenskroon	821	Western Cape	Swartland Local Municipality	Barrydale
340	Free State	Nala Local Municipality	Bothaville	822	Western Cape	Swartland Local Municipality	Malmesbury
341	Free State	Nala Local Municipality	Wesselsbron	823	Western Cape	Swartland Local Municipality	Darling
342	Free State	Naledi Local Municipality	Dewetsdorp	824	Western Cape	Swartland Local Municipality	Chatsworth
343	Free State	Naledi Local Municipality	Van Stadensrus	825	Western Cape	Swartland Local Municipality	Kalbaskraal
344	Free State	Naledi Local Municipality	Wepener	826	Western Cape	Swartland Local Municipality	RiebeeckKasteel
345	Free State	Ngwathe Local Municipality	Edenville	827	Western Cape	Swartland Local Municipality	Riebeeck Wes
346	Free State	Ngwathe Local Municipality	Heibron	828	Western Cape	Swartland Local Municipality	Moorreesburg

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
347	Free State	Ngwathe Local Municipality	Koppies	829	Western Cape	Swartland Local Municipality	Koringberg
348	Free State	Ngwathe Local Municipality	Parys	830	Western Cape	Stellenbosch Local Municipality	Ongegund (PPC)
349	Free State	Ngwathe Local Municipality	Vredefort	831	Western Cape	Stellenbosch Local Municipality	Stellenbosch
350	Free State	Nketoana Local Municipality	Arlington	832	Western Cape	Stellenbosch Local Municipality	Raithby
351	Free State	Nketoana Local Municipality	Lindley/Ntha	833	Western Cape	Stellenbosch Local Municipality	Pniel
352	Free State	Nketoana Local Municipality	Petrus Stern	834	Western Cape	Stellenbosch Local Municipality	Wemmershoek
353	Free State	Nketoana Local Municipality	Reitz	835	Western Cape	Stellenbosch Local Municipality	Franschhoek
354	Free State	Phumelela Local Municipality	Memel	836	Western Cape	Saldanha Bay Local Municipality	Klapmus
355	Free State	Phumelela Local Municipality	Vrede	837	Western Cape	Saldanha Bay Local Municipality	Hopefield
356	Free State	Phumelela Local Municipality	Warden	838	Western Cape	Saldanha Bay Local Municipality	Langville
357	Free State	Setsoto Local Municipality	Clocolan	839	Western Cape	Saldanha Bay Local Municipality	Langebaan
358	Free State	Setsoto Local Municipality	Ficksburg	840	Western Cape	Saldanha Bay Local Municipality	Paternoster
359	Free State	Setsoto Local Municipality	Marquard	841	Western Cape	Saldanha Bay Local Municipality	Saldanha
360	Free State	Setsoto Local Municipality	Senekal	842	Western Cape	Saldanha Bay Local Municipality	Sandy Point
361	Free State	Tokologo Local Municipality	Boshoff	843	Western Cape	Prince Albert Local Municipality	Vredanburg
362	Free State	Tokologo Local Municipality	Dealesville	844	Western Cape	Prince Albert Local Municipality	Prince Albert

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
363	Free State	Tokologo Local Municipality	Hertzogville	845	Western Cape	Prince Albert Local Municipality	Leeeugamka
364	Free State	Tswelopele Local Municipality	Bultfontein	846	Western Cape	Overstrand Local Municipality	Klaarstroom
365	Free State	Tswelopele Local Municipality	Hoopstad	847	Western Cape	Overstrand Local Municipality	Gansbaai
366	Gauteng	City of Johannesburg	Driefontein	848	Western Cape	Overstrand Local Municipality	Hauston
367	Gauteng	City of Johannesburg	Ennerdale	849	Western Cape	Overstrand Local Municipality	Hermanus
368	Gauteng	City of Johannesburg	Goukoppies	850	Western Cape	Overstrand Local Municipality	Kleinmond
369	Gauteng	City of Johannesburg	Bushkoppies	851	Western Cape	Oudtshoorn Local Municipality	Stranford
370	Gauteng	City of Johannesburg	Northern Works	852	Western Cape	Oudtshoorn Local Municipality	De Rust
371	Gauteng	City of Johannesburg	Olifantvlei	853	Western Cape	Oudtshoorn Local Municipality	Oudtshoorn
372	Gauteng	City of Tshwane	Babelegi	854	Western Cape	Mossel Bay Local Municipality	Dysseldorp
373	Gauteng	City of Tshwane	Baviaanspoort	855	Western Cape	Mossel Bay Local Municipality	Mossel Bay
374	Gauteng	City of Tshwane	Daspoort	856	Western Cape	Mossel Bay Local Municipality	Friermersheim B
375	Gauteng	City of Tshwane	Ekangala Oxidation Ponds	857	Western Cape	Mossel Bay Local Municipality	Grootbrak
376	Gauteng	City of Tshwane	Godrich	858	Western Cape	Mossel Bay Local Municipality	Herbertsdale
377	Gauteng	City of Tshwane	Klipgat	859	Western Cape	Mossel Bay Local Municipality	Pinnacle point
378	Gauteng	City of Tshwane	Rayton	860	Western Cape	Mossel Bay Local Municipality	Ruiterbos
379	Gauteng	City of Tshwane	Refilwe	861	Western Cape	Matzikama Local Municipality	Brandwag
380	Kwazulu Natal	UMzinyathi DM	Kranskop	862	Western Cape	Matzikama Local Municipality	Doringbaai
381	Gauteng	City of Tshwane	Rietgat	863	Western Cape	Matzikama Local Municipality	Bitterfontein
382	Gauteng	City of Tshwane	Rooiwal East	864	Western Cape	Matzikama Local Municipality	Ebannarser

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
383	Gauteng	City of Tshwane	Rooiwal North	865	Western Cape	Matzikama Local Municipality	Klawre
384	Gauteng	City of Tshwane	Sandspruit	866	Western Cape	Matzikama Local Municipality	Koekenaap
385	Gauteng	City of Tshwane	Summersplace	867	Western Cape	Matzikama Local Municipality	Lutzville
386	Gauteng	City of Tshwane	Sunderland Ridge	868	Western Cape	Matzikama Local Municipality	Lutzvillewes
387	Gauteng	City of Tshwane	Temba	869	Western Cape	Matzikama Local Municipality	Nuwerus
388	Gauteng	City of Tshwane	Zeekoegat	870	Western Cape	Matzikama Local Municipality	Strandfontein
389	Gauteng	Ekurhuleni	Anchor	871	Western Cape	Matzikama Local Municipality	Van Rhynsdorp
390	Gauteng	Ekurhuleni	Benoni	872	Western Cape	Matzikama Local Municipality	Vredendal North
391	Gauteng	Ekurhuleni	Carl Grunding	873	Western Cape	Matzikama Local Municipality	Vredendal South
392	Gauteng	Ekurhuleni	Dekema	874	Western Cape	Langeberg Local Municipality	Ashton
393	Gauteng	Ekurhuleni	Daveyton	875	Western Cape	Langeberg Local Municipality	Bonnievale
394	Gauteng	Ekurhuleni	Esther Park	876	Western Cape	Langeberg Local Municipality	McGregor
395	Gauteng	Ekurhuleni	Hartebeesfontein	877	Western Cape	Langeberg Local Municipality	Montague
396	Gauteng	Ekurhuleni	Herbert Bickley	878	Western Cape	Langeberg Local Municipality	Robertson
397	Gauteng	Ekurhuleni	Jan Smuts	879	Western Cape	Laingsburg Local Municipality	Laingsburg
398	Gauteng	Ekurhuleni	JP Marais	880	Western Cape	Knysna Local Municipality	Belvedere
399	Gauteng	Ekurhuleni	Olifantsfontein	881	Western Cape	Knysna Local Municipality	Brenton on sea
400	Gauteng	Ekurhuleni	Rondebult	882	Western Cape	Knysna Local Municipality	Karatara
401	Gauteng	Ekurhuleni	Rynfield	883	Western Cape	Knysna Local Municipality	Knysna ASP
402	Gauteng	Ekurhuleni	Tsakane	884	Western Cape	Knysna Local Municipality	Knysna SBR
403	Gauteng	Ekurhuleni	Vlakplaats	885	Western Cape	Knysna Local Municipality	Rheenendal
404	Gauteng	Ekurhuleni	Waterval	886	Western Cape	Knysna Local Municipality	Sedgefield

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
405	Gauteng	Ekurhuleni	Welgedacht	887	Western Cape	Kannaland Local Municipality	Ladismith
406	Gauteng	Emfuleni	Leeukuil	888	Western Cape	Kannaland Local Municipality	Calitzdorp
407	Gauteng	Emfuleni	Rietspruit	889	Western Cape	Kannaland Local Municipality	Zoar
408	Gauteng	Emfuleni	Sebokeng	890	Western Cape	Hessequa Local Municipality	Albertina
409	Gauteng	Lesedi	Hiedelburg	891	Western Cape	Hessequa Local Municipality	Garcia
410	Gauteng	Lesedi	Ratanda	892	Western Cape	Hessequa Local Municipality	Gouritzmand
411	Gauteng	Merafong LM	Khutsong	893	Western Cape	Hessequa Local Municipality	Heidelberg
412	Gauteng	Merafong LM	Kokosi-Fochville	894	Western Cape	Hessequa Local Municipality	Jongensfontein
413	Gauteng	Merafong LM	Oberholzer	895	Western Cape	Hessequa Local Municipality	Melkhoutfontein
414	Gauteng	Merafong LM	Welverdiend	896	Western Cape	Hessequa Local Municipality	Riversdale
415	Gauteng	Merafong LM	Wedela	897	Western Cape	Hessequa Local Municipality	Slanghuis
416	Gauteng	Midvaal	Meyerton	898	Western Cape	Hessequa Local Municipality	Stilbaai
417	Gauteng	Midvaal	OheniMuri	899	Western Cape	Hessequa Local Municipality	Witsand
418	Gauteng	Midvaal	Vaal Marina	900	Western Cape	George Local Municipality	Gwaing
419	Gauteng	Mogale City	Flip Human	901	Western Cape	George Local Municipality	Haarlem
420	Gauteng	Mogale City	Magaliesburg	902	Western Cape	George Local Municipality	Harold's Bay
421	Gauteng	Mogale City	Percy Stewart	903	Western Cape	George Local Municipality	Outeniqua
422	Gauteng	Randfontein	Hannes Van Niekerk	904	Western Cape	George Local Municipality	Uniondale
423	KwaZulu-Natal	Amajuba Local Municipality	Utrecht	905	Western Cape	George Local Municipality	Kleinkranz
424	KwaZulu-Natal	Amajuba Local Municipality	Tweediedale	906	Western Cape	Drakenstein Local Municipality	Gouda
425	KwaZulu-Natal	UMkhanyakude District Municipality	Mseleni Hospital	907	Western Cape	Drakenstein Local Municipality	Hermon

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
426	KwaZulu-Natal	Amajuba Local Municipality	Durnacol	908	Western Cape	Drakenstein Local Municipality	Kliprug
427	KwaZulu-Natal	eThekwini Metropolitan Municipality	Amanzimtoti	909	Western Cape	Drakenstein Local Municipality	Paarl
428	KwaZulu-Natal	eThekwini Metropolitan Municipality	Cato Ridge	910	Western Cape	Drakenstein Local Municipality	Saron
429	KwaZulu-Natal	eThekwini Metropolitan Municipality	Central	911	Western Cape	Drakenstein Local Municipality	wellington
430	KwaZulu-Natal	eThekwini Metropolitan Municipality	Craigieburn	912	Western Cape	City of Cape town	Athlone
431	KwaZulu-Natal	eThekwini Metropolitan Municipality	Dassenhoek	913	Western Cape	City of Cape town	Bellville
432	KwaZulu-Natal	eThekwini Metropolitan Municipality	Fredville	914	Western Cape	City of Cape town	Greenpoint
433	KwaZulu-Natal	eThekwini Metropolitan Municipality	Genazzano	915	Western Cape	City of Cape town	Camp,s Bay
434	KwaZulu-Natal	eThekwini Metropolitan Municipality	Glenwood Road	916	Western Cape	City of Cape town	Cape Flats
435	KwaZulu-Natal	eThekwini Metropolitan Municipality	Hammarsdale	917	Western Cape	City of Cape town	Gordon's Bay
436	KwaZulu-Natal	eThekwini Metropolitan Municipality	Hillcrest	918	Western Cape	City of Cape town	Borcherd's Quarrry
437	KwaZulu-Natal	eThekwini Metropolitan Municipality	Isipingo	919	Western Cape	City of Cape town	Groot Springfontein
438	KwaZulu-Natal	eThekwini Metropolitan Municipality	Kingsburgh	920	Western Cape	City of Cape town	Hout Bay
439	KwaZulu-Natal	eThekwini Metropolitan Municipality	KwaMashu	921	Western Cape	City of Cape town	Klipheuwel
440	KwaZulu-Natal	eThekwini Metropolitan Municipality	KwaNdengezi	922	Western Cape	City of Cape town	Kraaifontein
441	KwaZulu-Natal	eThekwini Metropolitan Municipality	Magabeni	923	Western Cape	City of Cape town	Llandudno

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
442	KwaZulu-Natal	eThekwini Metropolitan Municipality	Mpumalanga	924	Western Cape	City of Cape town	Macassar
443	KwaZulu-Natal	eThekwini Metropolitan Municipality	New Germany	925	Western Cape	City of Cape town	Melbosstrand
444	KwaZulu-Natal	eThekwini Metropolitan Municipality	Northern Works	926	Western Cape	City of Cape town	Millller's point
445	KwaZulu-Natal	eThekwini Metropolitan Municipality	Phoenix	927	Western Cape	City of Cape town	Mitcheels plain
446	KwaZulu-Natal	eThekwini Metropolitan Municipality	Southern	928	Western Cape	City of Cape town	Oudekraal
447	KwaZulu-Natal	eThekwini Metropolitan Municipality	Tongaat Central	929	Western Cape	City of Cape town	Potsdam
448	KwaZulu-Natal	eThekwini Metropolitan Municipality	Umbilo	930	Western Cape	City of Cape town	Scottdene
449	KwaZulu-Natal	eThekwini Metropolitan Municipality	Umdloti	931	Western Cape	City of Cape town	Simon's town
450	KwaZulu-Natal	eThekwini Metropolitan Municipality	Umhlanga	932	Western Cape	City of Cape town	Wesfleur Atlantis
451	KwaZulu-Natal	eThekwini Metropolitan Municipality	Umhlatuzana	933	Western Cape	City of Cape town	WesfleurIndustria
452	KwaZulu-Natal	eThekwini Metropolitan Municipality	Umkomaas	934	Western Cape	City of Cape town	Wildevoelvlei
453	KwaZulu-Natal	eThekwini Metropolitan Municipality	Verulam	935	Western Cape	City of Cape town	Zandvliet
454	KwaZulu-Natal	UMzinyathi District Municipality	Nondweni Ponds	936	Western Cape	City of Cape town	philadephia
455	KwaZulu-Natal	iLembe District Municipality	Darnall	937	Western Cape	City of Cape town	Parow
456	KwaZulu-Natal	iLembe District Municipality	Frasers	938	Western Cape	Cederberg Local Municipality	Citusdal
457	KwaZulu-Natal	iLembe District Municipality	Gledhow	939	Western Cape	Cederberg Local Municipality	Clanwilliam
458	KwaZulu-Natal	iLembe District Municipality	Mandeni	940	Western Cape	Cederberg Local Municipality	Eland's Bay

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
459	KwaZulu-Natal	iLembe District Municipality	Maphumulo Hospital	941	Western Cape	Cederberg Local Municipality	Graaafwater
460	KwaZulu-Natal	iLembe District Municipality	Montebello Hospital	942	Western Cape	Cederberg Local Municipality	Lambert;s Bay
461	KwaZulu-Natal	iLembe District Municipality	Ntumjambili Hospital	943	Western Cape	Cederberg Local Municipality	Wupperthal
462	KwaZulu-Natal	iLembe District Municipality	Shakaskraal	944	Western Cape	Cederberg Local Municipality	Algeria
463	KwaZulu-Natal	iLembe District Municipality	Stanger-KwaDukuza	945	Western Cape	Cape Agulhas Local municipality	Bradasdorp
464	KwaZulu-Natal	iLembe District Municipality	Sundumbili	946	Western Cape	Cape Agulhas Local municipality	Waenhuiskruins
465	KwaZulu-Natal	iLembe District Municipality	Tugela	947	Western Cape	Cape Agulhas Local municipality	Napier
466	KwaZulu-Natal	iLembe District Municipality	Vukile	948	Western Cape	Cape Agulhas Local municipality	Struisbaai
467	KwaZulu-Natal	Newcastle Local Municipality	Charlestown Ponds	949	Western Cape	Breede Valley Local Municipality	De Doorns
468	KwaZulu-Natal	Newcastle Local Municipality	Kilbarchin-Ngagane	950	Western Cape	Breede Valley Local Municipality	Worcester
469	KwaZulu-Natal	Newcastle Local Municipality	Madadeni	951	Western Cape	Breede Valley Local Municipality	Rawsonville
470	KwaZulu-Natal	Newcastle Local Municipality	Newcastle	952	Western Cape	Breede Valley Local Municipality	Touwrivier
471	KwaZulu-Natal	Newcastle Local Municipality	Osizweni	953	Western Cape	Bitou Local Municipality	Kurland
472	KwaZulu-Natal	Sisonke District Municipality	Bulwer	954	Western Cape	Bitou Local Municipality	Pletternberg Bay
473	KwaZulu-Natal	Sisonke District Municipality	Franklin	955	Western Cape	Berg River Local Municipality	Velddrift
474	KwaZulu-Natal	Sisonke District Municipality	Ixopo	956	Western Cape	Berg River Local Municipality	Porterville
475	KwaZulu-Natal	Sisonke District Municipality	Kokstad	957	Western Cape	Berg River Local Municipality	Pikertberg
476	KwaZulu-Natal	Sisonke District Municipality	Polela	958	Western Cape	Berg River Local Municipality	Eeendekuil
477	KwaZulu-Natal	Sisonke District Municipality	Riverside Ponds	959	Western Cape	Berg River Local Municipality	Dwarskersbos

No	Province / Owner	Water service authority	Name of supply system	No	Province	Water service authority	Name of supply system
478	KwaZulu-Natal	Sisonke District Municipality	St Appollonaris	960	Western Cape	Beaufort West Local Municipality	Murraysburg
479	KwaZulu-Natal	Sisonke District Municipality	uMzimkhulu	961	Western Cape	Beaufort West Local Municipality	Beaufort West
480	KwaZulu-Natal	Sisonke District Municipality	Underberg	962	Western Cape	Beaufort West Local Municipality	Nelspoort
481	KwaZulu-Natal	Ugu District Municipality	Eden Wilds	963	Western Cape	Beaufort West Local Municipality	Merweville
482	KwaZulu-Natal	Ugu District Municipality	Gamalakhe				

PPI No 5.1.9: Number wastewater systems monitored against the regulatory requirements

Province	Total number	Performance delivery list of systems per quarter			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Eastern Cape	20	4 • Keyser's Beach WWTW • Kidd's Beach WWTW • Hankey WWTW • Jeffreys Bay WWTW	8 • Debe Nek Police Station WWTW • Heald Town Police Station WWTW • Middeldrift Prison WWTW • Adelaide WWTW • Alice-Fort Hare WWTW • Bedford WWTW • Fort Beaufort WWTW • Middledrift WWTW	4 • Mthatha 14SAI • Mthatha ACCU SAPS • Mthatha CS • Qunu Museum	4 • Jansenville WWTW • Kliplaats WWTW • Steytlerville WWTW • Willowmore WWTW
Free State	75	18 • Vrede WWTW • Petrus Steyn WWTW • Fouriesburg WWTW • Hobhouse WWTW • Kestel WWTW • Makwane WWTW • Koppies WWTW • Oranjeville WWTW • Odendaalsrus WWTW • Phomolong WWTW • Verkeerdevlei WWTW • Bothaville WWTW • Koffiefontein WWTW • Reddersburg WWTW • Bethulie WWTW • Zastron WWTW • Sterkwater WWTW • Dewetsdorp WWTW	19 • Warden WWTW • Bethlehem WWTW • Ficksburg WWTW • Tweespruit WWTW • Phuthaditjhaba WWTW • Parys WWTW • Steynsrus WWTW • Frankfort WWTW • Kutlwanong WWTW • Thabong WWTW • Allanridge WWTW • Theunissen WWTW • Bultfontein WWTW • Petrusburg WWTW • Gariep WWTW • Springfontein WWTW • Soutpan WWTW • Welvaart WWTW • DeBrug Military Base WWTW (DPW)	19 • Reitz WWTW • Clarens WWTW • Senekal WWTW • Thaba Patswa WWTW • Harrismith WWTW • Elands WWTW • Vredefort WWTW • Kroonstad WWTW • Cornelia WWTW • Ventersburg WWTW • Mmamahabane WWTW • Winburg WWTW • Hoopstad WWTW • Luckhoff WWTW • Edenburg WWTW • Smithfield WWTW • Bloemspruit WWTW • Wepener WWTW • Thaba Nchu WWTW	19 • Lindley WWTW • Rosendal WWTW • Ladybrand WWTW • Tsiame WWTW • Moeding WWTW • Heilbron WWTW • Deneysville WWTW • Witpan WWTW • Hennenman WWTW • Theronia WWTW • Brandfort WWTW • Wesselsbron WWTW • Jacobsdal WWTW • Trompsburg WWTW • Fauresmith WWTW • Rouxville WWTW • Bloemdustria WWTW • Van Stadensrus WWTW • Botshabello WWTW

Province	Total number	Performance delivery list of systems per quarter			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Gauteng	33	11 • Herbert Bickley WWTW • Rooiwaal WWTW • Klipgat WWTW • Randfontein WWTW • Olifantsfontein WWTW • Baviaanspoort WWTW • Welgedatch WWTW • Percy stuart WWTW • Vlakplaats WWTW • Waterval WWTW • Sunderland ridge WWTW	6 • Northern Works WWTW • Bushkoppies WWTW • Ennerdale WWTW • Goudkoppies WWTW • Rynfield WWTW • Ekangala WWTW	7 • Leeuwkuil WWTW • Rietspruit WWTW • Flip Human WWTW • Sebokeng WWTW • Oheni Muri WWTW • Kokosi WWTW • Wedela WWTW	9 • Obelholzer WWTW • Khutsong WWTW • Godrich WWTW • Welverdied WWTW • Meyerton WWTW • Devon WWTW • Hannes Van Niekerk WWTW • Kwazenzele WWTW • Heidelberg WWTW
Kwazulu Natal	23	3 • Kranskop WWTW • Winterton WWTW • Colenso WWTW	7 • Bulwer WWTW • Himeville WWTW • Umzimkhulu WWTW • St Appolinaris WWTW • Gingindlovu WWTW • King Dinuzulu WWTW • Mpushini WWTW	7 • Shelly Beach WWTW • Scotburgh WWTW • Palm Beach WWTW • Gamalakhe WWTW • EDumbe WWTW • Pongolo WWTW • James Nxumalo College WWTW	6 • Ngwavuma WWTW • Mseleni WWTW • Darnall WWTW • Gledhow WWTW • Shakaskraal WWTW • Tugela WWTW

Province	Total number	Performance delivery list of systems per quarter			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo	53	13 • Mankweng WWTW • Tubatse WWTW • Burgersfort WWTW • Marble Hall WWTW • Elandskraal WWTW • Phalaborwa WWTW • Nkowankowa WWTW • Witpoort Ponds • Zongesien (Marapong) Ponds • Thabazimbi WWTW • Elim WWTW • Vleifontein Ponds • Waterval Ponds	18 • Senwabarwana Ponds • Seshego WWTW • Nebo WWTW • Phokwane WWTW • Monsterlus (Hlogotlou) WWTW • Motetema WWTW • Penge WWTW • Kgapane WWTW • Giyani WWTW • Modimolle WWTW • Mokopane WWTW • Masodi ponds • Bela Bela WWTW • Radium Ponds • Nancefield WWTW • Musina WWTW • Mutale Ponds • Thohoyandou WWTW	13 • Lebowakgomo ASP • Denilton WWTW • Groblersdal WWTW • Leeuwfontein (Mokganyaka) WWTW • Lulekani WWTW • Namakgale WWTW • Paarl WWTW • Northam Ponds • Mookgopong WWTW • Vaalwater Ponds • Siloam ponds • Vuwani Ponds • Makhado WWTW	9 • Lebowakgomo Ponds • Roosenekaal WWTW • Meckleberg (Moroke) WWTW • Lenyenye WWTW • Thusang Ponds • Sekgakagapeng Ponds • Rebone Ponds • Mhinga Ponds • Malamulele WWTW
Mpumalanga	47	12 • Mkhuhlu WWTW • Thulamahashe WWTW • Maviljan WWTW • Tintswalo WWTW • Carolina WWTW • Elukwatini WWTW • Mpuluzi/Mayflower WWTW • Badplaas WWTW • Hazyview WWTW • Umjindi WWTW • Grootvlei Eskom WWTW • Grootvlei Mine WWTW	12 • Vaalbank • Amersfoort • Perdekop • Volkrust • Vukuzaskhe • Wakkerstroom • Belfast • Waterval Boven • Klipspruit • Kriel _Ganala • Riverview • Phola- Ogies	12 • Bethal WWTW • Embalenlhe WWTW • Trichard WWTW • Standerton WWTW • Morgenzon WTW • Mkhondo/ Piet Retief WWTW • Breyton WWTW • Chrissesmeer WWTW • Davel WWTW • Ermelo WWTW • Lothair WWTW • Breyton Ponds WWTW	11 • Komatipoort WWTW • Mhlathikop WWTW • Boskrans WWTW • Lydenburg WWTW • Sabie WWTW • KwaMhlanga Ponds East • KwaMhlanga Ponds West • Tweefontein WWTW • Kwa Mhlanga North WWTW • Boteng WWTW • Delmas WWTW

Province	Total number	Performance delivery list of systems per quarter			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
North West	37	9 • Mafikeng WWTW • Mmabatho WWTW • Zeerust WWTW • Groot Marico WWTW • Lehurutshe WWTW • Lichtenburg WWTW • Itsoseng WWTW • Coligny WWTW • Sannieshof WWTW	10 • Klerskdorp WWTW • Stilfontein WWTW • Orkney WWTW • Hartbeesfontein WWTW • Wolmaranstad WWTW • Ralukganang WWTW • Leeudoringstad WWTW • Ventersdorp WWTW • Potchefstroom WWTW • Ottosdal WWTW	7 • Vryburg WWTW • Schweizer-Reneke WWTW • Dalerayville WWTW • Taung WWTW • Ganyesa WWTW • Christiana WWTW • Bloemhof WWTW	11 • Brits WWTW • Mothotlung WWTW • Rietfontein WWTW • Letlabile WWTW • Rustenburg WWTW • Boitekong WWTW • Monakato WWTW • Swartrrugens WWTW • Koster WWTW • Swartdam WWTW • Moses Kotane (Mogwase) WWTW
Northern Cape	42	10 • Mary Dalle WWTW • Niekershoop WWTW • Prieska WWTW • Vredesvallei WWTW • Kakamas WWTW • Keimos WWTW • Delportshoop WWTW • Barkley WWTW • Windsorton WWTW • Dibeng WWTW	12 • Askham WWTW • Louisvaleweg WWTW • Reitfontein WWTW • Kameelmond WWTW • Concordia WWTW • Nababeep WWTW • Steinkopf WWTW • Okeip WWTW • Aggeneys WWTW • Pofadder WWTW • Alexanderbay WWTW • Port Nolloth WWTW	11 • Brandvlei WWTW • Loeriesfontein WWTW • Calvinia WWTW • Niewoudtville WWTW • Jan Kemp Drop WWTW • Hartswater WWTW Pampierstad WWTW • Ganspan WWTW • Warrenton WWTW • Richmond WWTW • Noupoort WWTW	9 • Kamieskroon WWTW • Koiingnaas WWTW • Garies WWTW • De-Aar WWTW • Hanover WWTW • Fraserburg WWTW • Sutherland WWTW • Williston WWTW • Carnarvon WWTW

Province	Total number	Performance delivery list of systems per quarter			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4
Western Cape	36	8 • Robertson WWTW • Bellville WWTW • Porterville WWTW • Velddrift WWTW • Calitzdorp WWTW • Zoar WWTW • Ladismith WWTW • Vanwyksdorp WWTW	19 • Vredendal South WWTW • Klawer WWTW • Klipperivier WWTW • Pinnacle Point WWTW • Grootbrak WWTW • Caledon WWTW • Botrivier WWTW • Grabouw WWTW • Greyton WWTW • Struisbaai WWTW • Suiderstrand WWTW • Arniston WWTW • Bredasdorp WWTW • Prins Albert WWTW • Klaastroom WWTW • Leeu Gamka WWTW • Laingsberg WWTW • Citrusdal WWTW • Wupperdal WWTW	9 • Knysna WWTW • Outenique WWTW • Gwaing WWTW • Stellnbosch WWTW • Pniel WWTW • Cape Flats WWTW • Zandvliet WWTW • Albertinia WWTW • Moreesburg WWTW	0
Sub-total	**366**	**88**	**111**	**89**	**78**

Programme 3: Water Services Management

PPI No 3.9.1: Number of feasibility studies for water and wastewater services projects (RBIG) completed

Provinces	Total number	Names	Deliverables per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Free State	3	Masilonyana (Winburg) WWTW and pump-stations	-	-	-	Masilonyana (Winburg) WWTW and pump-stations
		Petrusburg Bulk water spply FS	-	-	-	Petrusburg Bulk water supply
		Steynsrus bulk water supply upgrade	-	-	-	Steynsrus bulk water supply upgrade
Mpumalanga	2	Northern Nsikazi bulk water supply Phase 2	-	-	-	Northern Nsikazi bulk water supply Phase 2
		Emalahleni water supply Phase 3	-	-	-	Emalahleni water supply Phase 3
Total	**5**		**-**	**-**	**-**	**5**

PPI No 3.9.2: Number of implementation readiness studies for water and wastewater services projects (RBIG) completed

Provinces	Total number	Names	Deliverables per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Free State	1	Petrusburg Bulk water spply FS	-	-	-	Petrusburg Bulk water spply
Total	1		-	-	-	1

PPI No 3.9.3.1: Number of mega regional bulk infrastructure project **phases** under construction

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	1	• KSD PI Bulk Supply Phase 3 of 9 (highbury WTW)	1 • KSD PI Bulk Supply Phase 3 of 9 (highbury WTW)	1 • KSD PI Bulk Supply Phase 3 of 9 (highbury WTW)	1 • KSD PI Bulk Supply Phase 3 of 9 (highbury WTW)	1 • KSD PI Bulk Supply Phase 3 of 9 (highbury WTW)
Kwa-Zulu Natal	3	• Greater Mthonjaneni BWS Phase 2 of 2 • Ngcebo BWSS Phase 1 of 1 • uMshwathi BWS Phase 4 of 5	2 • Greater Mthonjaneni BWS Phase 2 of 2 • Ngcebo BWSS Phase 1 of 1	2 • Greater Mthonjaneni BWS Phase 2 of 2 • Ngcebo BWSS Phase 1 of 1	2 • Greater Mthonjaneni BWS Phase 2 of 2 • Ngcebo BWSS Phase 1 of 1	3 • Greater Mthonjaneni BWS Phase 2 of 2 • Ngcebo BWSS Phase 1 of 1 • uMshwathi BWS Phase 4 of 5
Limpopo	1	• Polokwane WWTW Phase 1 of 2	1 • Polokwane WWTW Phase 1 of 2	1 • Polokwane WWTW Phase 1 of 2	1 • Polokwane WWTW Phase 1 of 2	1 • Polokwane WWTW Phase 1 of 2
Northern Cape	1	• Vaal Gamagara bulk pipeline Phase 1 of 2	1 • Vaal Gamagara bulk pipeline Phase 1 of 2	1 • Vaal Gamagara bulk pipeline Phase 1 of 2	1 • Vaal Gamagara bulk pipeline Phase 1 of 2	1 • Vaal Gamagara bulk pipeline Phase 1 of 2
Schedule 6B						
Gauteng	2	• Sebokeng WWTW Phase 1 of 2 • Sebokeng WWTW Phase 2 of 2	1 • Sebokeng WWTW Phase 1 of 2	1 • Sebokeng WWTW Phase 1 of 2	-	1 • Sebokeng WWTW Phase 2 of 2
Limpopo	2	Giyani BWS Phase 1 of 1 Mogalakwena Phase 2 of 2	2 • Giyani BWS Phase 1 of 1 • Mogalakwena Phase 2 of 2	2 • Giyani BWS Phase 1 of 1 • Mogalakwena Phase 2 of 2	2 • Giyani BWS Phase 1 of 1 • Mogalakwena Phase 2 of 2	2 • Giyani BWS Phase 1 of 1 • Mogalakwena Phase 2 of 2
Total	**10**		**8**	**8**	**7**	**9**

PPI No 3.9.4.1: Number of mega regional bulk infrastructure project **phases** completed

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 6B						
Gauteng	1	Sebokeng WWTW Phase 1 of 2	-	1 • Sebokeng WWTW Phase 1 of 2	-	-
Total	**1**		**-**	**1**	**-**	**-**

PPI No 3.9.3.2: Number of large regional bulk infrastructure project **phases** under construction

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	8	• Chris Hani DM Cluster 4 Phase 3 of 9 bulk pipeline and reservoir from Sikhungwini to Lady Frere • Chris Hani DM Cluster 4 Phase 4 of 9 bulk pipeline and reservoir from Lady Fere to Ngxumza • Chris Hani DM Cluster 9 Phase 3A and B of 5 (Tsomo abstraction works and WTW) • Chris Hani DM Cluster 9 Phase 3D of 5 (Bulk pipeline from Jojweni to Xolobe, including reservoir and pumps) • Chris Hani Cluster 9 phase 4 (Bulk connection and distribution xolobe, banzi & southern bulk, Tsomo Town bulk line and reservoir) of 5 • Chris Hani DM Cluster 6 Phase 4 of 6 (Gqaga rising main West, Hlupekazi) • Chris Hani DM Cluster 6 Phase 5 of 6 (Sitholeni rising main, Lokishini) • Xonxa BWS Phase 2 of 2 (secondary bulk)	3 • Chris Hani DM Cluster 4 Phase 3 of 9 bulk pipeline and reservoir from Sikhungwini to Lady Frere • Chris Hani DM Cluster 9 Phase 3A and B of 5 (Tsomo abstraction works and WTW) • Chris Hani DM Cluster 6 Phase 4 of 6 (Gqaga rising main West, Hlupekazi)	6 • Chris Hani DM Cluster 4 Phase 3 of 9 bulk pipeline and reservoir from Sikhungwini to Lady Frere • Chris Hani DM Cluster 4 Phase 4 of 9 bulk pipeline and reservoir from Lady Fere to Ngxumza • Chris Hani Cluster 9 phase 4 of 5 (Bulk connection and distribution xolobe, banzi & southern bulk, Tsomo Town bulk line and reservoir) • Chris Hani Cluster 9 phase 4 of 5 (Bulk connection and distribution xolobe, banzi & southern bulk, Tsomo Town bulk line and reservoir) • Chris Hani DM Cluster 6 Phase 5 of 6 (Sitholeni rising main, Lokishini) • Chris Hani DM Cluster 6 Phase 4of 6 (Gqaga rising main West, Hluphekazi)	3 • Chris Hani DM Cluster 4 Phase 3 of 9 bulk pipeline and reservoir from Sikhungwini to Lady Frere • Chris Hani Cluster 9 phase 3A and B of 5 (Tsomo abstraction works & WTW) • Chris Hani DM Cluster 6 Phase 4 of 6 (Gqaga rising main West, Hlupekazi)	6 • Chris Hani DM Cluster 4 Phase 3 of 9 bulk pipeline and reservoir from Sikhungwini to Lady Frere • Chris Hani DM Cluster 4 Phase 4 of 9 bulk pipeline and reservoir from Lady Fere to Ngxumza • Chris Hani DM Cluster 9 Phase 3 D of 5 (Bulk pipeline from Jojweni to Xolobe, including reservoir and pumps) • Chris Hani Cluster 9 phase 4 of 5 (Bulk connection and distribution xolobe,banzi & southern bulk, Tsomo Town bulk line and reservoir) • Chris Hani DM Cluster 6 Phase 5 of 6 (Sitholeni rising main, Lokishini) • Xonxa BWS Phase 2 of 2 (secondary bulk)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Free State	2	• Ngwathe Bulk Water Supply Phase 3 of 3 • Setsoto BWS Phase 3 of 4	2 • Ngwathe Bulk Water Supply Phase 3 of 3 • Setsoto BWS Phase 3 of 4	2 • Ngwathe Bulk Water Supply Phase 3 of 3 • Setsoto BWS Phase 3 of 4	2 • Ngwathe Bulk Water Supply Phase 3 of 3 • Setsoto BWS Phase 3 of 4	2 • Ngwathe Bulk Water Supply Phase 3 of 3 • Setsoto BWS Phase 3 of 4
Gauteng	0	-	-	-	-	-
KwaZulu-Natal	8	• Driefontein Hobsland to Indaka BWS Phase 1 of 1 • Greater Bulwer BWS Phase 1 of 1 • Mandlakazi BWS Phase 5 of 5 • Greater Mpofana BWS Phase 1 of 1 • Nongoma Phase 1 of 1 • Maphumulo BWS Phase 3 • Middlesdrift Phase 1 of 1 • Greytown BWS Phase 2 of 2	8 • Driefontein Hobsland to Indaka BWS Phase 1 of 1 • Greater Bulwer BWS Phase 1 of 1 • Mandlakazi BWS Phase 5 of 5 • Greater Mpofana BWS Phase 1 of 1 • Nongoma Phase 1 of 1 • Maphumulo BWS Phase 3 • Middlesdrift Phase 1 of 1 • Greytown BWS Phase 2 of 2	8 • Driefontein Hobsland to Indaka BWS Phase 1 of 1 • Greater Bulwer BWS Phase 1 of 1 • Mandlakazi BWS Phase 5 of 5 • Greater Mpofana BWS Phase 1 of 1 • Nongoma Phase 1 of 1 • Maphumulo BWS Phase 3 • Middlesdrift Phase 1 of 1 • Greytown BWS Phase 2 of 2	8 • Driefontein Hobsland to Indaka BWS Phase 1 of 1 • Greater Bulwer BWS Phase 1 of 1 • Mandlakazi BWS Phase 5 of 5 • Greater Mpofana BWS Phase 1 of 1 • Nongoma Phase 1 of 1 • Maphumulo BWS Phase 3 • Middlesdrift Phase 1 of 1 • Greytown BWS Phase 2 of 2	8 • Driefontein Hobsland to Indaka BWS Phase 1 of 1 • Greater Bulwer BWS Phase 1 of 1 • Mandlakazi BWS Phase 5 of 5 • Greater Mpofana BWS Phase 1 of 1 • Nongoma Phase 1 of 1 • Maphumulo BWS Phase 3 • Middlesdrift Phase 1 of 1 • Greytown BWS Phase 2 of 2
Limpopo	0	-	-	-	-	-
Mpumalanga	6	• Empuluzi / Methula Phase 3B of 8 • Empuluzi / Methula 4B of 8 • Empuluzi / Methula Phase 2 of 8 • Msukaligwa RBWS (Cluster 3) Phase 1of 1 • Msukaligwa RBWS (Cluster 2) Phase 1of 2 • Msukaligwa RBWS (Cluster 3) Phase 2of 2	4 • Empuluzi / Methula Phase 3B of 8 • Empuluzi / Methula 4B of 8 • Empuluzi / Methula Phase 2 of 8 • Msukaligwa RBWS (Cluster 3) Phase 1of 1	6 • Empuluzi / Methula Phase 3B of 8 • Empuluzi / Methula 4B of 8 • Empuluzi / Methula Phase 2 of 8 • Msukaligwa RBWS (Cluster 3) Phase 1of 1 • Msukaligwa RBWS (Cluster 2) Phase 1of 2 • Msukaligwa RBWS (Cluster 3) Phase 2of 2	6 • Empuluzi / Methula Phase 3B of 8 • Empuluzi / Methula 4B of 8 • Empuluzi / Methula Phase 2 of 8 • Msukaligwa RBWS (Cluster 3) Phase 1of 1 • Msukaligwa RBWS (Cluster 2) Phase 1of 2 • Msukaligwa RBWS (Cluster 3) Phase 2of 2	6 • Empuluzi / Methula Phase 3B of 8 • Empuluzi / Methula 4B of 8 • Empuluzi / Methula Phase 2 of 8 • Msukaligwa RBWS (Cluster 3) Phase 1of 1 • Msukaligwa RBWS (Cluster 2) Phase 1of 2 • Msukaligwa RBWS (Cluster 3) Phase 2of 2

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Northern Cape	1	• Namakwa BWS Phase 2	1 • Namakwa BWS Phase 2	1 • Namakwa BWS Phase 2	1 • Namakwa BWS Phase 2	1 • Namakwa BWS Phase 2
North West	4	• Greater Mamusa BWS Phase 3 of 4 • Greater Mamusa BWS Phase 4 of 4 • Taung / Naledi BWS Phase 2 of 3 • Taung / Naledi BWS Phase 3 of 3	2 • Taung / Naledi BWS Phase 2 of 2 • Greater Mamusa BWS Phase 3 of 4	4 • Taung / Naledi BWS Phase 2 of 3 • Greater Mamusa BWS Phase 3 of 4 • Taung / Naledi BWS Phase 3 of 3 • Greater Mamusa BWS Phase 4 of 4	3 • Greater Mamusa BWS Phase 3 of 4 • Greater Mamusa BWS Phase 4 of 4 • Taung / Naledi BWS Phase 3 of 3	3 • Greater Mamusa BWS Phase 3 of 4 • Greater Mamusa BWS Phase 4 of 4 • Taung / Naledi BWS Phase 3 of 3
Western Cape	0	-	-	-	-	-
Schedule 6B						
Eastern Cape	5	• Ndlambe BWS Phase 1 of 1 • Mt Ayliff Peri Urban BWS Phase 1 of 2 (upgrade of WTW) • Nqamakhwe BWS phase 1 of 1(cross boarders scheme) • Xhora BWS phase 1 of 2(Weir, WTW,dam Bulk pipeline) • Xhora BWS phase 2of 2 (bulk pipelines)	2 • Ndlambe BWS Phase 1 of 1 • Mt Ayliff Peri Urban BWS Phase 1 of 2 (upgrade of WTW)	4 • Ndlambe BWS Phase 1 of 1 • Mt Ayliff Peri Urban BWS Phase 1 of 2 (upgrade of WTW) • Nqamakhwe BWS phase 1 of 1(cross boarders scheme) • Xhora BWS phase 1 of 2(Weir, WTW,dam Bulk pipeline)	4 • Ndlambe BWS Phase 1 of 1 • Mt Ayliff Peri Urban BWS Phase 1 of 2 (upgrade of WTW) • Nqamakhwe BWS phase 1 of 1(cross boarders scheme) • Xhora BWS phase 1 of 2(Weir, WTW,dam Bulk pipeline)	4 • Ndlambe BWS Phase 1 of 1 • Mt Ayliff Peri Urban BWS Phase 1 of 2 (upgrade of WTW) • Xhora BWS phase 2of 2 (bulk pipelines) • Nqamakhwe BWS phase 1 of 1(cross boarders scheme)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Free State	7	• Maluti-a-Phofung Phase 4 of 4 • Masilonyana BWS Phase 2 of 2 • Nketoana BWS Phase 1 of 2 • Nketoana BWS Phase 2 of 2 • Tokologo BWS Phase 2 of 3 • Welbedacht Pipeline Phase 1 of 1 • Dihlabeng BWS Phase 3 of 3	5 • Maluti-a-Phofung Phase 4 of 4 • Masilonyana BWS Phase 2 of 2 • Nketoana BWS Phase 1 of 2 • Tokologo BWS Phase 2 of 3 • Welbedacht Pipeline Phase 1 of 1	5 • Maluti-a-Phofung Phase 4 of 4 • Masilonyana BWS Phase 2 of 2 • Nketoana BWS Phase 1 of 2 • Tokologo BWS Phase 2 of 3 • Welbedacht Pipeline Phase 1 of 1	5 • Maluti-a-Phofung Phase 4 of 4 • Masilonyana BWS Phase 2 of 2 • Nketoana BWS Phase 1 of 2 • Tokologo BWS Phase 2 of 3 • Welbedacht Pipeline Phase 1 of 1	7 • Maluti-a-Phofung Phase 4 of 4 • Masilonyana BWS Phase 2 of 2 • Nketoana BWS Phase 1 of 2 • Nketoana BWS Phase 2 of 2 • Tokologo BWS Phase 2 of 3 • Welbedacht Pipeline Phase 1 of 1 • Dihlabeng BWS Phase 3 of 3
Gauteng	1	• Meyerton WWTW Phase 2 of 3	1 • Meyerton WWTW Phase 2 of 3	1 • Meyerton WWTW Phase 2 of 3	1 • Meyerton WWTW Phase 2 of 3	1 • Meyerton WWTW Phase 2 of 3
KwaZulu-Natal	0	-	-	-	-	-

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo	12	• Babanana Pipeline project Phase 1of 1 • Sinthumule Kutama Phase 3 of 3 (including Luvuvhu GWS) • Giyani Drought Phase 1 of 1 (Nandoni to Nsami) • Mametja Sekororo BWS Phase 1 of 2 • Moutse Phase 1 • Moutse Phase 5 • Moutse Phase 7-12 • Moutse Phase 13 • Moutse Phase 14 • Moutse Phase 15 • Mooihoek BWS Phase 4 of 4 • Nebo BWS Phase 3 of 3	12 • Babanana Pipeline project Phase 1of 1 • Sinthumule Kutama Phase 3 of 3 (including Luvuvhu GWS) • Giyani Drought Phase 1 of 1 (Nandoni to Nsami) • Mametja Sekororo BWS Phase 1 of 2 • Moutse Phase 1 • Moutse Phase 5 • Moutse Phase 7-12 • Moutse Phase 13 • Moutse Phase 14 • Moutse Phase 15 • Mooihoek BWS Phase 4 of 4 • Nebo BWS Phase 3 of 3	12 • Babanana Pipeline project Phase 1of 1 • Sinthumule Kutama Phase 3 of 3 (including Luvuvhu GWS) • Giyani Drought Phase 1 of 1 (Nandoni to Nsami) • Mametja Sekororo BWS Phase 1 of 2 • Moutse Phase 1 • Moutse Phase 5 • Moutse Phase 7-12 • Moutse Phase 13 • Moutse Phase 14 • Moutse Phase 15 • Mooihoek BWS Phase 4 of 4 • Nebo BWS Phase 3 of 3	12 • Babanana Pipeline project Phase 1of 1 • Sinthumule Kutama Phase 3 of 3 (including Luvuvhu GWS) • Giyani Drought Phase 1 of 1 (Nandoni to Nsami) • Mametja Sekororo BWS Phase 1 of 2 • Moutse Phase 1 • Moutse Phase 5 • Moutse Phase 7-12 • Moutse Phase 13 • Moutse Phase 14 • Moutse Phase 15 • Mooihoek BWS Phase 4 of 4 • Nebo BWS Phase 3 of 3	12 • Babanana Pipeline project Phase 1of 1 • Sinthumule Kutama Phase 3 of 3 (including Luvuvhu GWS) • Giyani Drought Phase 1 of 1 (Nandoni to Nsami) • Mametja Sekororo BWS Phase 1 of 2 • Moutse Phase 1 • Moutse Phase 5 • Moutse Phase 7-12 • Moutse Phase 13 • Moutse Phase 14 • Moutse Phase 15 • Mooihoek BWS Phase 4 of 4 • Nebo BWS Phase 3 of 3
Mpumalanga	11	• Driekoppies Phase 1A of 5 • Driekoppies Phase 1C of 5 • Driekoppies Phase 2A of 5 • Driekoppies Phase 2B of 5 • Driekoppies Phase 2C of 5 • Driekoppies Phase 3A of 5 • Driekoppies Phase 3B of 5 • Driekoppies Phase 3C of 5 • Balfour/ Siyathemba RBWS Phase 2 of 6 • Balfour/ Siyathemba RBWS Phase 3 of 6 • Balfour/ Siyathemba RBWS Phase 4 of 6	6 • Driekoppies Phase 1A of 5 • Driekoppies Phase 1C of 5 • Driekoppies Phase 2A of 5 • Driekoppies Phase 3B of 5 • Balfour/Siyathemba RBWS Phase 2 of 6 • Balfour/Siyathemba RBWS Phase 3 of 6	6 • Driekoppies Phase 1A of 5 • Driekoppies Phase 1C of 5 • Driekoppies Phase 2A of 5 • Driekoppies Phase 3B of 5 • Balfour/Siyathemba RBWS Phase 2 of 6 • Balfour/Siyathemba RBWS Phase 3 of 6	10 • Driekoppies Phase 1A of 5 • Driekoppies Phase 2A of 5 • Driekoppies Phase 2B of 5 • Driekoppies Phase 3A of 5 • Driekoppies Phase 3B of 5 • Driekoppies Phase 3C of 5 • Balfour/ Siyathemba RBWS Phase 2 of 6 • Balfour/ Siyathemba RBWS Phase 3 of 6 • Balfour/ Siyathemba RBWS Phase 4 of 6 • Driekoppies Phase 3B of 5	7 • Driekoppies Phase 1A of 5 • Driekoppies Phase 2A of 5 • Driekoppies Phase 2B of 5 • Driekoppies Phase 3A of 5 • Driekoppies Phase 3B of 5 • Driekoppies Phase 3C of 5 • Balfour/ Siyathemba RBWS Phase 4 of 6

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Northern Cape	0	-	-	-	-	-
North West	7	• Tlokwe(Potchefstroom) WTW Phase 3 of 5 • Madibeng (Brits) Phase 2 of 3 WTW • Moretele South Bulk Phase 3 of 4 • Mafikeng WTW Upgrade Phase 3 of 4 • Ratlou (Setlagole) • Phase 1 of 3 • Ratlou (Madibogo) Phase 2 of 3 • Mafikeng BWS Phase 2 of 3	• 5 • Tlokwe (Potchefstroom) WTW Phase 3 of 5 • Madibeng (Brits) WTW Phase 2 of 3 • Moretele South Bulk Phase 3 of 3 • Ratlou (Setlagole) phase 1 of 3 • Mafikeng BWS Phase 2 of 2	• 6 • Tlokwe (Potchefstroom) WTW Phase 3 of 5 • Madibeng (Brits) WTW Phase 2 of 3 • Moretele South Bulk Phase 3 of 4 • Mmabatho WTW Upgrade Phase 3 of 4 • Ratlou Phase 1 of 3 • Mafikeng BWS Phase 2 of 3	6 • Tlokwe (Potchefstroom) WTW Phase 4 of 5 • Madibeng (Brits) Phase 2 of 3 WTW • Moretele South Bulk Phase 3 of 4 • Mafikeng WTW Upgrade Phase 3 of 4 • Ratlou (Madibogo) Phase 2 of 3 • Mafikeng BWS Phase 2 of 3	6 • Tlokwe (Potchefstroom) WTW Phase 4 of 5 • Madibeng (Brits) WTW Phase 2 of 4 • Moretele South Bulk Phase 3 of 4 • Mafikeng WTW Upgrade Phase 3 of 4 • Ratlou (Madibogo) Phase 2 of 3 • Mafikeng BWS Phase 2 of 3
Western Cape	0	-	-	-		-
Total	**72**		**51**	**61**	**61**	**63**

PPI No 3.9.4.2: Number of large regional bulk infrastructure project **phases** completed

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	0	-	-		-	-
Free State	0	-	-		-	-
Gauteng	0	-	-		-	-
KwaZulu-Natal	0	-	-		-	-
Limpopo	0	-	-		-	-
Mpumalanga	0	-	-		-	-
Northern Cape	0	-	-		-	-
North West	1	• Greater Mamusa BWS Phase 3 of 4	-		-	1 • Greater Mamusa BWS Phase 3 of 4
Western Cape	0	-	-		-	-
Schedule 6B						
Eastern Cape	2	• Mt Ayliff Peri Urban BWS Phase of 2 (upgrade of WTW) • Xhora BWS phase 1 of 2 (Weir, WTW,dam Bulk pipeline)	-	-	1 • Xhora BWS phase 1 of 2 (Weir, WTW,dam Bulk pipeline)	1 • Mt Ayliff Peri Urban BWS Phase 1 of 2 (upgrade of WTW)
Free State	0	-	-	-	-	-
Gauteng	0	-	-	-	-	-
KwaZulu-Natal	0	-	-	-	-	-
Limpopo	0	-	-	-	-	-
Mpumalanga	5	• Driekoppies Phase 1C of 5 • Driekoppies Phase 2A of 5 • Driekoppies Phase 3B of 5 • Balfour/ Siyathemba RBWS Phase 2 of 6 • Balfour/ Siyathemba Phase 3 of 6	-	1 • Driekoppies Phase 1C of 5	2 • Balfour/ Siyathemba RBWS Phase 2 of 6 • Balfour/ Siyathemba Phase 3 of 6	2 • Driekoppies Phase 2A of 5 • Driekoppies Phase 3B of 5
Northern Cape	0	-	-	-	-	-
North West	1	• Ratlou BWS (Setlagole) Phase 1 of 2	-	-	-	• 1 • Ratlou BWS (Setlagole) Phase 1 of 3
Western Cape	0	-	-	-	-	-
Total	**9**		**0**	**1**	**3**	**5**

PPI No 3.9.3.3: Number of small regional bulk infrastructure project phases under construction

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	1	• Middleburg BWS Phase 2 of 2	1 • Middleburg BWS Phase 2 of 2	1 • Middleburg BWS Phase 2 of 2	1 • Middleburg BWS Phase 2 of 2	1 • Middleburg BWS Phase 2 of 2
Free State	1	• Rouxville/ Smithfield/ Zastron BWS (Mohokare BWS)	1 • Rouxville/ Smithfield/ Zastron BWS (Mohokare BWS)	1 • Rouxville/ Smithfield/ Zastron BWS (Mohokare BWS)	-	-
Gauteng	0	-	-	-	-	-
KwaZulu-Natal	0	-	-	-	-	-
Limpopo	0	-	-	-	-	-
Mpumalanga	5	• Steve Tswhete WS phase 1 of 2 (covid 19) • Embalenhle Bulk Outfall Sewer phase 2 of 4 (covid 19) • Eesterhoek BWS Phase 1 of 4 • Eesterhoek BWS Phase 2 of 4 • Eesterhoek BWS Phase 3 of 4	4 • Steve Tswhete WS phase 1 of 2 (covid 19) • Embalenhle Bulk Outfall Sewer phase 2 of 4 (covid 19) • Eesterhoek BWS Phase 1 of 4 • Eesterhoek BWS Phase 2 of 4	5 • Steve Tswhete WS phase 1 of 2 (covid 19) • Embalenhle Bulk Outfall Sewer phase 2 of 4 (covid 19) • Eesterhoek BWS Phase 1 of 4 • Eesterhoek BWS Phase 2 of 4 • Eesterhoek BWS Phase 3 of 4	5 • Steve Tswhete WS phase 1 of 2 (covid 19) • Embalenhle Bulk Outfall Sewer phase 2 of 4 (covid 19) • Eesterhoek BWS Phase 1 of 4 • Eesterhoek BWS Phase 2 of 4 • Eesterhoek BWS Phase 3 of 4	5 • Steve Tswhete WS phase 1 of 2 (covid 19) • Embalenhle Bulk Outfall Sewer phase 2 of 4 (covid 19) • Eesterhoek BWS Phase 1 of 4 • Eesterhoek BWS Phase 2 of 4 • Eesterhoek BWS Phase 3 of 4
Northern Cape	1	• Vanwyksvlei BWS Phase 2 of 2	1 • Vanwyksvlei BWS Phase 2 of 2	1 • Vanwyksvlei BWS Phase 2 of 2	1 • Vanwyksvlei BWS Phase 2 of 2	1 • Vanwyksvlei BWS Phase 2 of 2
North West	0	-	-	-	-	-

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Western Cape	1	• Tulbagh BWS Phase 12 of 13	1 • Tulbagh BWS Phase 12 of 13	1 • Tulbagh BWS Phase 12 of 13	1 • Tulbagh BWS Phase 12 of 13	1 • Tulbagh BWS Phase 12 of 13
Schedule 6B						
Eastern Cape	7	• Sundays river (Paterson) BWS phase 6 of 6 • James Kleynhans BWS Phase 2 of 4 (WTW upgrade) • Matatiele BWS Phase 1 of 1 • Graaff Reinett emergency WSS phase 1 of 2 (groundwater development) • Graff reinett Phase 2 of 2 (augmentation of groundwater) • Port Alfred RO plant (5ml) phase 1 of 1 • Xhorha BWS Phase 1 of 1	4 • Sundays river (Paterson) BWS phase 6 of 6 • James Kleynhans BWS Phase 2 (WTW upgrade) • Xhorha BWS Phase 1 of 1 • Graaff Reinett emergency WSS phase 1 of 2 (groundwater development)	6 • Sundays river (Paterson) BWS phase 6 of 6 • James Kleynhans BWS Phase 2 (WTW upgrade) • Graaff Reinett emergency WSS phase 1 of 2 (groundwater development • Graff reinett Phase 2 of 2 (augmentation of groundwater) • Port Alfred RO plant (5ml) phase 1 of 1 • Matatiele BWS Phase 1 of 1	4 • James Kleynhans BWS Phase 2 (WTW upgrade) • Graff reinett Phase 2 of 2 (augmentation of groundwater) • Port Alfred RO plant (5ml) phase 1 of 1 • Matatiele BWS Phase 1 of 1	4 • James Kleynhans BWS Phase 2 (WTW upgrade) • Matatiele BWS Phase 1 of 1 • Graff reinett Phase 2 of 2 (augmentation of groundwater) • Port Alfred RO plant (5ml) phase 1 of 1
Free State	3	• Mafube / Frankfort Bulk Sewer Phase 2 of 2 • Metsimaholo Bulk Sewer Phase 1 of 1 (Upgrading of Deneysville WWTW) • Tswelopele BWS Phase 2 of 2	2 • Mafube / Frankfort Bulk Sewer Phase 2 of 2 • Metsimaholo Bulk Sewer Phase 1 of 1 (Upgrading of Deneysville WWTW)	2 • Mafube / Frankfort Bulk Sewer Phase 2 of 2 • Metsimaholo Bulk Sewer Phase 1 of 1 (Upgrading of Deneysville WWTW)	2 • Mafube / Frankfort Bulk Sewer Phase 2 of 2 • Metsimaholo Bulk Sewer Phase 1 of 1 (Upgrading of Deneysville WWTW)	3 • Mafube / Frankfort Bulk Sewer Phase 2 of 2 • Metsimaholo Bulk Sewer Phase 1 of 1 (Upgrading of Deneysville WWTW) • Tswelopele BWS Phase 2 of 2
Gauteng	2	• Rothdene rising main phase 2 of 2 • Mohlakeng Pump Station	2 • Rothdene rising main phase 2 of 2 • Mohlakeng Pump Station	2 • Rothdene rising main phase 2 of 2 • Mohlakeng Pump Station	2 • Rothdene rising main phase 2 of 2 • Mohlakeng Pump Station	2 • Rothdene rising main phase 2 of 2 • Mohlakeng Pump Station

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
KwaZulu-Natal	0	-	-	-	-	-
Limpopo	0	-	-	-	-	-
Mpumalanga	5	• Sibange Phase Phase 2 of 5 • Sibange Phase 4 of 5 • Sibange Phase 5 of 5 • Rooikoppen/ Sakhile Bulk Outfall Sewer phase 1 of 2(covid 19) • Amsterdam/Sheepmoor phase 4 of 4	4 • Sibange Phase Phase 2 of 5 • Sibange Phase 4 of 5 • Sibange Phase 5 of 5 • Rooikoppen/ Sakhile Bulk Outfall Sewer phase 1 of 2 (covid 19)	4 • Sibange Phase Phase 2 of 5 • Sibange Phase 4 of 5 • Sibange Phase 5 of 5 • Rooikoppen/ Sakhile Bulk Outfall Sewer phase 1 of 2 (covid 19)	4 • Sibange Phase Phase 2 of 5 • Sibange Phase 4 of 5 • Sibange Phase 5 of 5 • Rooikoppen/ Sakhile Bulk Outfall Sewer phase 1 of 2 (covid 19)	1 • Amsterdam/ Sheepmoor
Northern Cape	3	• Winsorton to Holpan BWS Phase 1 of 1 • Upington WWTW Phase 1 of 1 • Warrenton WTW Phase 1 of 1	2 • Upington WWTW Phase 1 of 1 • Warrenton WTW Phase 1 of 1	3 • Winsorton to Holpan BWS Phase 1 of 1 • Upington WWTW Phase 1 of 1 • Warrenton WTW Phase 1 of 1	2 • Winsorton to Holpan BWS Phase 1 of 1 • Upington WWTW Phase 1 of 1	2 • Winsorton to Holpan BWS Phase 1 of 1 • Upington WWTW Phase 1 of 1
North West	0	-	-	-	-	-
Western Cape	2	• Lamberts Bay Desalination plant • Klawer BWS	1 • Lamberts Bay Desalination plant	2 • Lamberts Bay Desalination plant • Klawer BWS	2 • Lamberts Bay Desalination plant • Klawer BWS	2 • Lamberts Bay Desalination plant • Klawer BWS
Total	**31**		**21**	**28**	**26**	**22**

PPI No 3.9.4.3: Number of small regional bulk infrastructure project **phases** completed

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	0	-	-	-	-	-
Free State	1	• Rouxville/ Smithfield / Zastron BWS (Mohokare BWS)	-	1 • Rouxville / Smithfield / Zastron BWS (Mohokare BWS)	-	-
Gauteng	0	-	-	-	-	-
KwaZulu-Natal	0	-	-	-	-	-
Limpopo	0	-	-	-	-	-
Mpumalanga	2	• Embalenhle Bulk Outfall Sewer phase 2 of 4 • Steve Tshwete WS Phase 1 of 2	-	-	-	2 • Embalenhle Bulk Outfall Sewer phase 2 of 4 • Steve Tshwete WS Phase 1 of 2
Northern Cape	0	-	-	-	-	-
North West	0	-	-	-	-	-
Western Cape	0	-	-	-	-	-
Total	3			1		2
Schedule 6B						
Eastern Cape	2	• Sundays river (Paterson) BWS phase 6 of 6 • Graaff Reinett emergency WSS phase 1 of 2 (groundwater	-	2 • Sundays river (Paterson) BWS phase 6 of 6 • Graaff Reinett emergency WSS phase 1 of 2 (groundwater)	-	-
Free State	0	-	-	-	-	-
Gauteng	0	-	-	-	-	-
KwaZulu-Natal	0	-	-	-	-	-
Limpopo	0	-	-	-	-	-
Mpumalanga	3	• Sibange Phase 2 of 5 • Sibange Phase 4 of 5 • Sibange Phase 5 of 5	-	-	3 • Sibange Phase 2 of 5 • Sibange Phase 4 of 5 • Sibange Phase 5 of 5	-
Northern Cape	0	-	-	-	-	-
North West	0	-	-	-	-	-
Western Cape	0	-	-	-	-	-
Total	**5**		**0**	**2**	**3**	**0**
Total(Schedule 5B + 6B)	**8**		**0**	**3**	**3**	**2**

PPI No.3.10.1: Number of small WSIG projects under construction

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	13	• O.R. Tambo (2) • Chris Hani (1) • Joe Gqabi (1) • Amathole (2) • Alfred Nzo (2) • Dr Beyers (1) • Blue Crane (2) • Makana (1) • Kouga (1)	4 • O.R. Tambo (1) • Amathole (1) • Alfred Nzo (1) • Blue Crane (1)	0	9 • O.R. Tambo (1) • Chris Hani (1) • Joe Gqabi (1) • Amathole (1) • Alfred Nzo (1) • Dr Beyers (1) • Blue Crane (1) • Makana (1) • Kouga (1)	9 • O.R. Tambo (1) • Chris Hani (1) • Joe Gqabi (1) • Amathole (1) • Alfred Nzo (1) • Dr Beyers (1) • Blue Crane (1) • Makana (1) • Kouga (1)
Free State	29	• Metsimaholo (2) • Moqhaka (1) • Ngwathe (2) • Mafube (2) • Matjhabeng (1) • Masilonyana (2) • Tokologo (1) • Tswelopele (1) • Nala (1) • Maluti (2) • Dithlabeng (1) • Phumelela (1) • Setsoto (3) • Mantsopa (2) • Nketoana (1) • Kopanong (2) • Mohokare (2) • Letsemeng (2)	28 • Metsimaholo (2) • Moqhaka (1) • Ngwathe (2) • Mafube (2) • Matjhabeng (1) • Masilonyana (2) • Tokologo (1) • Tswelopele (1) • Nala (1) • Maluti (2) • Dithlabeng (1) • Phumelela (1) • Setsoto (3) • Mantsopa (2) • Nketoana (1) • Kopanong (2) • Mohokare (2) • Letsemeng (1)	24 • Metsimaholo (2) • Moqhaka (1) • Ngwathe (2) • Mafube (1) • Matjhabeng (1) • Masilonyana (2) • Tokologo (1) • Tswelopele (1) • Nala (1) • Maluti (1) • Dithlabeng (1) • Phumelela (1) • Setsoto (2) • Mantsopa (2) • Nketoana (1) • Kopanong (2) • Mohokare (2)	19 • Metsimaholo (1) • Moqhaka (1) • Ngwathe (1) • Mafube (1) • Matjhabeng (1) • Masilonyana (1) • Maluti (1) • Dithlabeng (1) • Phumelela (1) • Setsoto (2) • Mantsopa (2) • Nketoana (1) • Kopanong (2) • Mohokare (2) • Letsemeng (1)	16 • Metsimaholo (1) • Moqhaka (1) • Ngwathe (1) • Mafube (1) • Dithlabeng (1) • Phumelela (1) • Setsoto (2) • Mantsopa (2) • Nketoana (1) • Kopanong (2) • Mohokare (2) • Letsemeng (1)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Gauteng	10	• Lesedi LM (2) • Midvaal (2) • Mogale City (2) • Merafong City (2) • Rand West (2)	0	10 • Lesedi LM (2) • Midvaal (2) • Mogale City (2) • Merafong City (2) • Rand West City (2)	10 • Lesedi LM (2) • Midvaal (2) • Mogale City (2) • Merafong City (2) • Rand West City (2)	10 • Lesedi LM (2) • Midvaal (2) • Mogale City (2) • Merafong City (2) • Rand West City (2)
KwaZulu Natal	13	13 • Amajuba (1) • King Cetshwayo (1) • Zululand (1) • uMhlathuze (1) • Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1) • Msunduzi (1) • Newcastle (1) • uMgungundlovu (1) • uMzinyathi (1)	13 • Amajuba (1) • King Cetshwayo (1) • Zululand (1) • uMhlathuze (1) • Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1) • Msunduzi (1) • Newcastle (1) • uMgungundlovu (1) • uMzinyathi (1)	13 • Amajuba (1) • King Cetshwayo (1) • Zululand (1) • uMhlathuze (1) • Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1) • Msunduzi (1) • Newcastle (1) • uMgungundlovu (1) • uMzinyathi (1)	13 • Amajuba (1) • King Cetshwayo (1) • Zululand (1) • uMhlathuze (1) • Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1) • Msunduzi (1) • Newcastle (1) • uMgungundlovu (1) • uMzinyathi (1)	13 • Amajuba (1) • King Cetshwayo (1) • Zululand (1) • uMhlathuze (1) • Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1) • Msunduzi (1) • Newcastle (1) • uMgungundlovu (1) • uMzinyathi (1)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Limpopo	28	• Capricorn (4) • Polokwane (2) • Sekhukhune (4) • Mogalakwena (3) • Lephalale (2) • Bela Bela (2) • Mopani (4) • Vhembe (3) • Thabazimbi (2) • Modimolle Mokgophong (2)	3 • Mogalakwena (1) • Thabazimbi (1) • Modimolle Mokgophong (1)	25 • Capricorn (4) • Polokwane (2) • Sekhukhune (4) • Mogalakwena (2) • Lephalale (2) • Bela Bela (2) • Mopani (4) • Vhembe (3) • Thabazimbi (1) • Modimolle Mokgophong (1)	25 • Capricorn (4) • Polokwane (2) • Sekhukhune (4) • Mogalakwena (2) • Lephalale (2) • Bela Bela (2) • Mopani (4) • Vhembe (3) • Thabazimbi (1) • Modimolle Mokgophong (1)	25 • Capricorn (4) • Polokwane (2) • Sekhukhune (4) • Mogalakwena (2) • Lephalale (2) • Bela Bela (2) • Mopani (4) • Vhembe (3) • Thabazimbi (1) • Modimolle Mokgophong (1)
Mpumalanga	27	• Chief Albert Luthuli (2) • Govan Mbeki (1) • Mkondo (4) • Msukaligwa (4) • Pixley ka Iseme (2) • Bushbuckridge (2) • Nkomazi (2) • ThabaChweu (2) • Emakhazeni (2) • Emalahleni (0) • Steve Tshwete (1) • Thembisile (3) • Dipaleseng (2)	13 • Mkhondo (2) • Msukaligwa (2) • Pixley (2) • Steve Tshwete (1) • Thembisile (1) • Emakhazeni (1) • Thaba Chweu (1) • Govan Mbeki (1) • Bushbuckridge (1) • Chief Albert (1)	0	18 • Chief Albert Luthuli (1) • Govan Mbeki (0) • Mkondo (2) • Msukaligwa (2) • Pixley ka Iseme (2) • Bushbuckridge (1) • Nkomazi (2) • ThabaChweu (1) • Emakhazeni (1) • Emalahleni (0) • Steve Tshwete (1) • Thembisile (3) • Dipaleseng (2)	18 • Chief Albert Luthuli (1) • Govan Mbeki (0) • Mkondo (2) • Msukaligwa (2) • Pixley ka Iseme (2) • Bushbuckridge (1) • Nkomazi (2) • ThabaChweu (1) • Emakhazeni (1) • Emalahleni (0) • Steve Tshwete (1) • Thembisile (3) • Dipaleseng (2)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
North West	8	• Rusternburg LM (2) • Moses Kotane (1) • Moretele (2) • JB Marks (1) • Matlosana (1) • Maquassi Hills (1)	• 2 • Moretele (1) • Rusternburg LM (1)	• 6 • Rusternburg LM (1) • Moses Kotane (1) • Moretele (1) • JB Marks (1) • Matlosana (1) • Maquassi Hills (1)	• 6 • Rusternburg LM (1) • Moses Kotane (1) • Moretele (1) • JB Marks (1) • Matlosana (1) • Maquassi Hills (1)	• 6 • Rusternburg LM (1) • Moses Kotane (1) • Moretele (1) • JB Marks (1) • Matlosana (1) • Maquassi Hills (1)
Northern Cape	25	• Richtersveld (1) • Nama Khoi (1) • Kamiesberg (1) • Hantam (1) • Kgatelopele (1) • Kareeberg (1) • Ubuntu (1) • Siyathemba (1) • Siyancuma (1) • Sol Plaatje (2)	• 1 • Sol Plaatje (1)	• 24 • Richtersveld (1) • Nama Khoi (1) • Kamiesberg (1) • Hantam (1) • Kgatelopele (1) • Kareeberg (1) • Ubuntu (1) • Siyathemba (1) • Siyancuma (1) • Sol Plaatje (2)	• 24 • Richtersveld (1) • Nama Khoi (1) • Kamiesberg (1) • Hantam (1) • Kgatelopele (1) • Kareeberg (1) • Ubuntu (1) • Siyathemba (1) • Siyancuma (1) • Sol Plaatje (2)	• 24 • Richtersveld (1) • Nama Khoi (1) • Kamiesberg (1) • Hantam (1) • Kgatelopele (1) • Kareeberg (1) • Ubuntu (1) • Siyathemba (1) • Siyancuma (1) • Sol Plaatje (2)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
		• Gamagara (1) • Ga-Segonyana (1) • Joe Morolong (1) • Umsobomvu (1) • Phokwane (1) • Dikgatlong (1) • Dawid Kruiper (1) • Magareng (1) • Tsantsabane (1) • Kai Ma (1) • Kai Garib (1) • !Kheis (1) • Renosterberg (1) • Emthanjeni (1)		• Gamagara (1) • Ga-Segonyana (1) • Joe Morolong (1) • Umsobomvu (1) • Phokwane (1) • Dikgatlong (1) • Dawid Kruiper (1) • Magareng (1) • Tsantsabane (1) • Kai Ma (1) • Kai Garib (1) • !Kheis (1) • Renosterberg (1) • Emthanjeni (1)	• Gamagara (1) • Ga-Segonyana (1) • Joe Morolong (1) • Umsobomvu (1) • Phokwane (1) • Dikgatlong (1) • Dawid Kruiper (1) • Magareng (1) • Tsantsabane (1) • Kai Ma (1) • Kai Garib (1) • !Kheis (1) • Renosterberg (1) • Emthanjeni (1)	• Gamagara (1) • Ga-Segonyana (1) • Joe Morolong (1) • Umsobomvu (1) • Phokwane (1) • Dikgatlong (1) • Dawid Kruiper (1) • Magareng (1) • Tsantsabane (1) • Kai Ma (1) • Kai Garib (1) • !Kheis (1) • Renosterberg (1) • Emthanjeni (1)
Western Cape	10	• Drakenstein (1) • Knysna (1) • Theewaterskloof (1) • Laingsburg (1) • Cape Agulhas (1) • Bergrivier (1) • Oudtshoorn (1) • Langeberg (1) • Kannaland (1) • Matzikamma (1)	• 10 • Drakenstein (1) • Knysna (1) • Theewaterskloof (1) • Laingsburg (1) • Cape Agulhas (1) • Bergrivier (1) • Oudtshoorn (1) • Langeberg (1) • Kannaland (1) • Matzikamma (1)	• 10 • Drakenstein (1) • Knysna (1) • Theewaterskloof (1) • Laingsburg (1) • Cape Agulhas (1) • Bergrivier (1) • Oudtshoorn (1) • Langeberg (1) • Kannaland (1) • Matzikamma (1)	• 7 • Laingsburg (1) • Cape Agulhas (1) • Bergrivier (1) • Oudtshoorn (1) • Langeberg (1) • Kannaland (1) • Matzikamma (1)	• 7 • Laingsburg (1) • Cape Agulhas (1) • Bergrivier (1) • Oudtshoorn (1) • Langeberg (1) • Kannaland (1) • Matzikamma (1)
Sub-Total	**163**		**74**	**112**	**131**	**128**
Schedule 6B						
Eastern Cape	0	-	0	0	0	0
Free State	0	-	0	0	0	0

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Gauteng	1	• Emfuleni (1)	0	1 • Emfuleni (1)	1 • Emfuleni (1)	1 • Emfuleni (1)
KwaZulu Natal	0	-	0	0	0	0
Mpumalanga	2	• Lekwa (1) • Victor Khanye (1)	1 • Lekwa (1)	1 • Lekwa (1)	2 • Lekwa (1) • Victor Khanye (1)	2 • Lekwa (1) • Victor Khanye (1)
North West	7	• Kgetleng (2) • Madibeng (1) • Ngaka Modiri Molema (2) • Dr Ruth (2)	0	7 • Kgetleng (2) • Madibeng (1) • Ngaka Modiri Molema (2) • Dr Ruth (2)	7 • Kgetleng (2) • Madibeng (1) • Ngaka Modiri Molema (2) • Dr Ruth (2)	7 • Kgetleng (2) • Madibeng (1) • Ngaka Modiri Molema (2) • Dr Ruth (2)
Northern Cape	0	-	0	0	0	0
Western Cape	0	-	0	0	0	0
Sub-Total	**10**		**1**	**9**	**10**	**10**
TOTAL (Schedule 5B + 6B)	**173**		**75**	**121**	**141**	**138**

PPI No 3.10.2: Number of small WSIG projects completed

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 5B						
Eastern Cape	4	4 • O.R. Tambo (1) • Amathole (1) • Alfred Nzo (1) • Blue Crane (1)	4 • O.R. Tambo (1) • Amathole (1) • Alfred Nzo (1) • Blue Crane (1)	0	0	0
Free State	13	• Metsimaholo (1) • Ngwathe (1) • Mafube (1) • Matjhabeng (1) • Masilonyana (1) • Tokologo (1) • Tswelopele (1) • Nala (1) • Maluti a Phofung (1) • Setsoto (1) • Mantsopa (1) • Mohokare (1) • Letsemeng (1)	3 • Mafube (1) • Setsoto (1) • Letsemeng (1)	5 • Metsimaholo (1) • Ngwathe (1) • Tokologo (1) • Tswelopele (1) • Nala (1)	3 • Matjhabeng (1) • Masilonyana (1) • Maluti a Phofung (1)	2 • Mantsopa (1) • Mohokare (1)
Gauteng	9	• Lesedi LM (2) • Midvaal (2) • Mogale City (2) • Merafong City (2) • Rand West (1)	8 • Lesedi LM (2) • Midvaal (2) • Mogale City (2) • Merafong City (1) • Rand West (1)	0	0	1 • Merafong City (1)

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
KwaZulu-Natal	5	• Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1)	0	0	0	5 • Harry Gwala (1) • iLembe (1) • Ugu (1) • uThukela (1) • uMkhanyakude (1)
Limpopo	0	0	0	0	0	0
Mpumalanga	9	• Mkhondo (2) • Chief Albert Luthuli (1) • Pixley (0) • Steve Tshwete (0) • Thembisile (0) • Emakhazeni (1) • Thaba Chweu (1) • Msukaligwa (2) • Bushbuckridge (1) • Govan Mbeki (1)	9 • Mkhondo (2) • Chief Albert Luthuli (1) • Pixley (0) • Steve Tshwete (0) • Thembisile (0) • Emakhazeni (1) • Thaba Chweu (1) • Msukaligwa (2) • Bushbuckridge (1) • Govan Mbeki (1)	0	0	0
Northern Cape	1	• Sol Plaatje (1)	1 • Sol Plaatje (1)	0	0	0
North West	2	• Moretele (1) • Rusternburg LM (1)	2 • Moretele (1) • Rusternburg LM (1)	0	0	0
Western Cape	3	• Drakenstein (1) • Knysna (1) • Theewaterskloof (1)	0	3 • Drakenstein (1) • Knysna (1) • Theewaterskloof (1)	0	0

Provinces	Total number	Names	Performance per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Schedule 6B						
Eastern Cape	0	-	-	-	-	-
Free State	0	-	-	-	-	-
Gauteng	0	-	-	-	-	-
KwaZulu-Natal	0	-	-	-	-	-
Limpopo	0	-	-	-	-	-
Mpumalanga	0	-	-	-	-	-
Northern Cape	0	-	-	-	-	-
North West	0		-	-	-	-
Western Cape	0	-	-	-	-	-
Total	**46**		**27**	**8**	**3**	**8**

PPI No 4.1.1: Number of district municipalities (DMs) with completed 5 year reliable water and sanitation services delivery implementation plans

Province	Total Number	District Municipality	Deliverables per quarter			
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
Eastern Cape	2	Joe Gqabi	-	-	-	Joe Gqabi
		Alfred Nzo	-	-	-	Alfred Nzo
Kwa-Zulu Natal	4	King Cetshwayo	-	-	-	King Cetshwayo
		uThukela	-	-	-	uThukela
		Zululand	-	-	-	Zululand
		iLembe	-	-	-	iLembe
Limpopo	2	Capricorn	-	-	-	Capricorn
		Mopani	-	-	-	Mopani
North West	2	Ngaka Modiri Molema	-	-	-	Ngaka Modiri Molema
		Dr Ruth Segomotsi Mompati	-	-	-	Dr Ruth Segomotsi Mompati
Total	**10**		**-**	**-**	**-**	**5**

PPI No 5.3.2: Number of identified non-compliant water supply systems monitored against the Regulatory Requirements

No	Province	WSA	WSS
Sub-total Eastern Cape: 39			
1	Eastern Cape	Alfred Nzo DM	Mbizana LM - Mbizana (Replace by Nomlacu)
2	Eastern Cape	Amathole DM	Great Kei LM - Cinsta East
3	Eastern Cape	Amathole DM	Mbhashe LM - Dutywa
4	Eastern Cape	Amathole DM	Mbhashe LM - Mendu
5	Eastern Cape	Amathole DM	Mbhashe LM - Willowvale
6	Eastern Cape	Amathole DM	Nkonkobe LM - Alice
7	Eastern Cape	Amathole DM	Nxuba LM - Adelaide
8	Eastern Cape	Buffalo City MM	Hanover
9	Eastern Cape	Buffalo City MM	King Williams Town
10	Eastern Cape	Buffalo City MM	Umzonyana (East London)
11	Eastern Cape	Chris Hani DM	Emalahleni - Machubeni Supply System
12	Eastern Cape	Chris Hani DM	Inkwanca - Sterkstroom Supply System
13	Eastern Cape	Chris Hani DM	Inxuba Yethemba - Middelburg Supply System
14	Eastern Cape	Chris Hani DM	Sakhisizwe - Xhalanga Supply System
15	Eastern Cape	Chris Hani DM	Tsolwana - Ntabethemba Supply System
16	Eastern Cape	Chris Hani DM	Tsolwana - Tarkastad Supply System
17	Eastern Cape	Joe Gqabi DM	Gariep LM - Oviston
18	Eastern Cape	Joe Gqabi DM	Senqu LM - Barkly East
19	Eastern Cape	Joe Gqabi DM	Senqu LM - Rhodes
20	Eastern Cape	Nelson Mandela MM	Churchill WTW
21	Eastern Cape	Nelson Mandela MM	Elandsjagt WTW
22	Eastern Cape	Nelson Mandela MM	Loerie WTW
23	Eastern Cape	Nelson Mandela MM	Nooitgedacht WTW
24	Eastern Cape	Nelson Mandela MM	Rocklands WTW
25	Eastern Cape	Nelson Mandela MM	Springs WTW
26	Eastern Cape	Kou Kamma LM	Misgund
27	Eastern Cape	Makana LM	Riebeeck East
28	Eastern Cape	Ndlambe LM	Alexandria
29	Eastern Cape	Ndlambe LM	Cannon Rocks
30	Eastern Cape	Ndlambe LM	Seafield / Kleinemonde
31	Eastern Cape	Dr Beyers Naude LM	Miller
32	Eastern Cape	OR Tambo DM	Coffee Bay
33	Eastern Cape	OR Tambo DM	Mqanduli

No	Province	WSA	WSS
34	Eastern Cape	Sunday's River Valley LM	Glenconnor Borehole
35	Eastern Cape	Sunday's River Valley LM	Kleinpoort Borehole
36	Eastern Cape	Amatola Water	Glenmore WTW
37	Eastern Cape	Amatola Water	Upper Mnyameni WTW
38	Eastern Cape	NDPW	Deblaar housing complex
39	Eastern Cape	NDPW	Storms River SAPS
Sub-total Free State : 37			
40	Free State	Masilonyana LM	Theunissen
41	Free State	Masilonyana LM	Winburg
42	Free State	Masilonyana LM	Brandfort
43	Free State	Masilonyane LM	Verkeerdevlei
44	Free State	Dihlabeng LM	Fouriesburg
45	Free State	Dihlabeng LM	Clarens
46	Free State	Maluti-a-Phofung LM	Fika Patso
47	Free State	Maluti-a-Phofung LM	Wilge
48	Free State	Maluti-a-Phofung LM	Makwane
49	Free State	Letsemeng LM	Jacobsdal
50	Free State	Letsemeng LM	Koffiefontein
51	Free State	Mohokare LM	Smithfield
52	Free State	Mohokare LM	Zastron
53	Free State	Ngwathe LM	Parys
54	Free State	Ngwathe LM	Heilbron
55	Free State	Ngwathe LM	Vredefort
56	Free State	Tswelopele LM	Bultfontein
57	Free State	Tswelopele LM	Hoopstad
58	Free State	Phumelela LM	Memel
59	Free State	Mafube LM	Frankfort
60	Free State	Mafube LM	Tweeling
61	Free State	Mafube LM	Villiers
62	Free State	Tokologo LM	Dealesville
63	Free State	Tokologo LM	Boshof
64	Free State	Moqhaka LM	Steynsrus
65	Free State	Mantsopa LM	Tweespruit
66	Free State	Mantsopa LM	Excelsior
67	Free State	Mantsopa LM	Hobhouse

No	Province	WSA	WSS
68	Free State	Setsoto LM	Senekal
69	Free State	Setsoto LM	Clocolan
70	Free State	Setsoto LM	Marquard
71	Free State	Mangaung MM	Soutpan
72	Free State	Mangaung MM	Vanstadensrus
73	Free State	Mangaung MM	Welbedacht
74	Free State	Mangaung MM	Maselspoort
75	Free State	Kopanong LM	Phillipolis
76	Free State	Nketoana LM	Reitz
Sub-total Gauteng : 9			
77	Gauteng	City of Tshwane	Cullinan
78	Gauteng	City of Tshwane	Temba
	Gauteng	City of Tshwane	Bronkhorstspruit
79	Gauteng	City of Tshwane	Bronkhorsbaai
80	Gauteng	City of Tshwane	Walmanthal
81	Gauteng	City of Tshwane	Summerplace
82	Gauteng	Emfuleni LM	Emfuleni
83	Gauteng	Emfuleni LM	Vaaloewer
84	Gauteng	Midvaal LM	Vaal Marina
Sub-total Kwa-Zulu Natal :40			
85	Kwazulu-Natal	Amajuba DM	Utrecht LM- Utrecht (Utrecht TW) - uTW (WSP)
86	Kwazulu-Natal	Harry Gwala (Sisonke) DM	Chibini,
87	Kwazulu-Natal	Harry Gwala (Sisonke) DM	Creighton,
88	Kwazulu-Natal	Harry Gwala (Sisonke) DM	Ibisi,
89	Kwazulu-Natal	Harry Gwala (Sisonke) DM	Machunwini,
90	Kwazulu-Natal	Harry Gwala (Sisonke) DM	Rietflei
91	Kwazulu-Natal	Harry Gwala (Sisonke) DM	Underberg
92	Kwazulu-Natal	Ugu DM	Mtamvuna
93	Kwazulu-Natal	Ugu DM	KwaNyuswa 1
94	Kwazulu-Natal	Ugu DM	KwaNysuswa 2
95	Kwazulu-Natal	Ugu DM	KwaNdelu
96	Kwazulu-Natal	Ugu	KwaLembe
97	Kwazulu-Natal	Ugu DM	KwaHlongwa
98	Kwazulu-Natal	uMkhanyakude DM	Ingwavuma
99	Kwazulu-Natal	uMkhanyakude DM	Manguzi

No	Province	WSA	WSS
100	Kwazulu-Natal	uMkhanyakude DM	Mshudu
101	Kwazulu-Natal	uMkhanyakude DM	Nkolokotho
102	Kwazulu-Natal	uMzinyathi DM	Pomoroy
103	Kwazulu-Natal	uMzinyathi DM	Sampofu
104	Kwazulu-Natal	uMzinyathi DM	Muden
105	Kwazulu-Natal	uMzinyathi DM	Kranskop
106	Kwazulu-Natal	uThukela DM	Loskop
107	Kwazulu-Natal	uThukela DM	Ekuvukeni
108	Kwazulu-Natal	uThukela DM	George Cross
109	Kwazulu-Natal	uThukela DM	Weenen 2
110	Kwazulu-Natal	uThukela DM	Weenen Town
111	Kwazulu-Natal	King Cetshwayo (uThungulu) DM	Umlalazi Package plants
112	Kwazulu-Natal	King Cetshwayo (uThungulu) DM	Nkandla Package plants
113	Kwazulu-Natal	King Cetshwayo (uThungulu) DM	Ntambanana
114	Kwazulu-Natal	iLembe DM	Ntabaskop
115	Kwazulu-Natal	iLembe DM	Amatigulu
116	Kwazulu-Natal	iLembe DM	Makwanini
117	Kwazulu-Natal	iLembe DM	Lambothi
118	Kwazulu-Natal	iLembe DM	Ifalethu
119	Kwazulu-Natal	iLembe DM	Ethembeni
120	Kwazulu-Natal	Zululand DM	Ceza
121	Kwazulu-Natal	Zululand DM	Enyathi Town
122	Kwazulu-Natal	Zululand DM	Mvuzini
123	Kwazulu-Natal	Zululand DM	Purin rural supply
124	Kwazulu-Natal	Zululand DM	Spekboom
Sub-total Limpopo : 56			
125	Limpopo	Capricorrn DM	Mashashane
126	Limpopo	Capricorrn DM	Olifantspoort
127	Limpopo	Capricorrn DM	Zebediela
128	Limpopo	Capricorrn DM	Senwabarwana
129	Limpopo	Capricorrn DM	Mogwadi
130	Limpopo	Capricorrn DM	Botlokwa
131	Limpopo	Polokwane LM	Hourtriver
132	Limpopo	Mopani DM	Greater Tzaneen
133	Limpopo	Mopani DM	Letsitele

No	Province	WSA	WSS
134	Limpopo	Mopani DM	Nkowankowa
135	Limpopo	Mopani DM	Drankinsig
136	Limpopo	Mopani DM	Thapane
137	Limpopo	Mopani DM	Thabina
138	Limpopo	Mopani DM	Semarela
139	Limpopo	Mopani DM	The Oaks
140	Limpopo	Mopani DM	Finale
141	Limpopo	Mopani DM	Phalaborwa
142	Limpopo	Mopani DM	Giyani
143	Limpopo	Mopani DM	Zava
144	Limpopo	Mopani DM	Nondweni
145	Limpopo	Mopani DM	Middle Letaba
146	Limpopo	Mopani DM	Thapane
147	Limpopo	Mopani DM	Ebenezer
148	Limpopo	Sekhukhune DM	Burgersfort
149	Limpopo	Sekhukhune DM	Tubatse
150	Limpopo	Sekhukhune DM	Masemola
151	Limpopo	Sekhukhune DM	Marishane
152	Limpopo	Sekhukhune DM	Vergelegeen
153	Limpopo	Sekhukhune DM	Hlogotlou
154	Limpopo	Sekhukhune DM	Nkosini
155	Limpopo	Sekhukhune DM	Penge
156	Limpopo	Sekhukhune DM	Moutse
157	Limpopo	Sekhukhune DM	Ngwaabe
158	Limpopo	Sekhukhune DM	Mapodile
159	Limpopo	Sekhukhune DM	Moroke
160	Limpopo	Vhembe DM	Makhado (louis trichardt)
161	Limpopo	Vhembe DM	Malamulele water supply system
162	Limpopo	Vhembe DM	Mutshedzi water supply system
163	Limpopo	Vhembe DM	Luphephe-nwanedi supply system
164	Limpopo	Lephalale LM	Zeeland
165	Limpopo	Lephalale LM	Matimba
166	Limpopo	Lephalale LM	Mokurunyane
167	Limpopo	Lephalale LM	Seleka
168	Limpopo	Lephalale LM	Witpoort

No	Province	WSA	WSS
169	Limpopo	Lephalale LM	Shongoane
170	Limpopo	Modimolle /Mookgopong LM	Modimolle/Magalies
171	Limpopo	Modimolle /Mookgopong LM	Mabatlane
172	Limpopo	Modimolle /Mookgopong LM	Mabaleng
173	Limpopo	Modimolle/MookgophongLM	Roadtan
174	Limpopo	Modimolle/Mookgophong LM	Welgevonden
175	Limpopo	Thabazimbi LM	Rooiberg
176	Limpopo	Thabazimbi LM	Northam
177	Limpopo	Thabazimbi LM	Schildpadnest
178	Limpopo	Thabazimbi LM	Leeopoort
179	Limpopo	Thabazimbi LM	Thabazimbi/Magalies
180	Limpopo	Mogalakwena	Doorndraai
Sub-total Mpumalanga : 62			
181	Mpumalanga	Nkomazi LM	Langeloop
182	Mpumalanga	Nkomazi LM	Sibange
183	Mpumalanga	Nkomazi LM	Madadeni
184	Mpumalanga	Nkomazi LM	Komatipoort
185	Mpumalanga	Nkomazi LM	Marlothpark
186	Mpumalanga	Nkomazi LM	Ntunda
187	Mpumalanga	Nkomazi LM	Malelani
188	Mpumalanga	Nkomazi LM	Naas
189	Mpumalanga	Nkomazi LM	Drikopies
190	Mpumalanga	Nkomazi LM	Tonga
191	Mpumalanga	Nkomazi LM	Fig tree/ Masibekele
192	Mpumalanga	Nkomazi LM	Nyathi
193	Mpumalanga	Bushbuckridge LM	Zoeknog
194	Mpumalanga	Bushbuckridge LM	Marite
195	Mpumalanga	Bushbuckridge LM	Sandriver
196	Mpumalanga	Bushbuckridge LM	Shatale
197	Mpumalanga	Bushbuckridge LM	Thulamahashi
198	Mpumalanga	Bushbuckridge LM	Acornhoek
199	Mpumalanga	Bushbuckridge LM	Hoxani
200	Mpumalanga	Bushbuckridge LM	Sigagule
201	Mpumalanga	Dr JS Moroka LM	Weltervreden
202	Mpumalanga	Emakhazeni LM	Entokozweni (Machadodorp)

No	Province	WSA	WSS
203	Mpumalanga	Emakhazeni LM	Watervaal Boven
204	Mpumalanga	Chief Albert Luthuli LM	Badplaas
205	Mpumalanga	Chief Albert Luthuli LM	Bettysgoed
206	Mpumalanga	Chief Albert Luthuli LM	Carolina
207	Mpumalanga	Chief Albert Luthuli LM	Ekulindeni
208	Mpumalanga	Chief Albert Luthuli LM	Elukwatini
209	Mpumalanga	Chief Albert Luthuli LM	Empuluzi/ Mayflower
210	Mpumalanga	Chief Albert Luthuli LM	Fernie
211	Mpumalanga	Msukwaligwa LM	Breyten
212	Mpumalanga	Msukwaligwa LM	Davel
213	Mpumalanga	Msukwaligwa LM	Douglas dam water works
214	Mpumalanga	Msukwaligwa LM	Eskom Camden
215	Mpumalanga	Msukwaligwa LM	Lothair
216	Mpumalanga	Dipaleseng LM	Balfour WTW
217	Mpumalanga	Lekwa LM	Morgenzon
218	Mpumalanga	Lekwa LM	Standerton
219	Mpumalanga	Dr Prixely Ka Isaka Seme LM	Amesfoort
220	Mpumalanga	Dr Prixely Ka Isaka Seme LM	Volkrust WTW
221	Mpumalanga	Dr Prixely Ka Isaka Seme LM	Vukuzakhe
222	Mpumalanga	Dr Prixely Ka Isaka Seme LM	Wakkerstroom
223	Mpumalanga	Mkhondo LM	Piet Retief Old
224	Mpumalanga	Mkhondo LM	Piet Retief New
225	Mpumalanga	City of Mbombela LM	Sheba
226	Mpumalanga	City of Mbombela LM	Rimers
227	Mpumalanga	City of Mbombela LM	Kanyamazane
228	Mpumalanga	City of Mbombela LM	Emjindini Trust
229	Mpumalanga	Thaba Chweu LM	Lydenburg
230	Mpumalanga	Thaba Chweu LM	Sabie
231	Mpumalanga	Dr JS Moroka LM	Weltervreden
232	Mpumalanga	Emakhazeni LM	Entokozweni (Machadodorp)
233	Mpumalanga	Emakhazeni LM	Watervaal Boven
234	Mpumalanga	Emakhazeni LM	Belfast
235	Mpumalanga	Thembisile Hani LM	Machipe (Goederede)
236	Mpumalanga	Thembisile Hani LM	Engwenyameni (Klipfontein)
237	Mpumalanga	Thembisile Hani LM	Kwaggafontein

No	Province	WSA	WSS
238	Mpumalanga	Thembisile Hani LM	Kwamhlanga
239	Mpumalanga	Thembisile Hani LM	Langkloof
240	Mpumalanga	Thembisile Hani LM	Moloto
241	Mpumalanga	Thembisile Hani LM	Thembalethu
242	Mpumalanga	Victor Khanye LM	Delmas Rand water
Sub-total North West : 30			
243	North West	Dr Ruth S Mompati DM	Coligny
244	North West	Dr Ruth S Mompati DM	Bloemhof
245	North West	Dr Ruth S Mompati DM	Wolmaranstad
246	North West	Dr Ruth S Mompati DM	Christiana
247	North West	Dr Ruth S Mompati DM	Scheizer Reineke
248	North West	Dr Ruth S Mompati DM	Atamelang
249	North West	Dr Ruth S Mompati DM	Khunwana
250	North West	Dr Ruth S Mompati DM	Disaneng
251	North West	Dr Ruth S Mompati DM	Logageng
252	North West	Dr Ruth S Mompati DM	Majeakgoro
253	North West	Dr Ruth S Mompati DM	Kgomotso
254	North West	Dr Ruth S Mompati DM	Pudimoe
255	North West	Dr Ruth S Mompati DM	Bogosing
256	North West	JB Marks LM	Potchefstroom
257	North West	JB Marks LM	Ventersdorp
258	North West	Kgetleng Rivier LM	Koster
259	North West	Kgetleng Rivier LM	Swartruggens
260	North West	Madibeng LM	Brits
261	North West	Madibeng LM	Hartbeespoort
262	North West	Moretele LM	Temba
263	North West	Moses Kotane LM	Madikwe
264	North West	Moses Kotane LM	Pella
265	North West	Moses Kotane LM	Molatedi
266	North West	Ngaka Modiri Molema DM	Ditsobotla
267	North West	Ngaka Modiri Molema DM	Groot Marico
268	North West	Ngaka Modiri Molema DM	Mafikeng –Mmabatho
269	North West	Ngaka Modiri Molema DM	Gopane
270	North West	Rustenburg LM	Bospoort
271	North West	Rustenburg LM	Rustenburg Borehole system

No	Province	WSA	WSS
272	North West	Rustenburg LM	Kloof
Sub-total Nortthern Cape : 43			
273	Northern Cape	Kai Gariep LM	Warmsand
274	Northern Cape	Kai Gariep LM	Bloemsmond
275	Northern Cape	Kai Gariep LM	Soverby
276	Northern Cape	Kai Gariep LM	Eeduim
277	Northern Cape	Nama Khoi LM	Kommagas
278	Northern Cape	Nama Khoi LM	Good House
279	Northern Cape	Nama Khoi LM	Rooiwal
280	Northern Cape	Nama Khoi LM	Buffelsrivier
281	Northern Cape	Nama Khoi LM	Vioolsdrift
282	Northern Cape	Kareeberg LM	Vosburg
283	Northern Cape	Kareeberg LM	Vanwyksvlei
284	Northern Cape	Joe Morolong LM	Churchill
285	Northern Cape	Joe Morolong LM	Heunigvlei
286	Northern Cape	Dawid Kruiper LM	Swartkop Dam
287	Northern Cape	David Kruiper LM	Loubos
288	Northern Cape	David Kruiper LM	Welkom
289	Northern Cape	Karoo Hoogland LM	Sutherland
290	Northern Cape	Karoo Hoogland LM	Williston
291	Northern Cape	Gamagara LM	Dibeng
292	Northern Cape	Gamagara LM	Kathu
293	Northern Cape	Siyathemba LM	Prieska
294	Northern Cape	Phokwane LM	Pampierstad
295	Northern Cape	Phokwane LM	Hartswater
296	Northern Cape	!Kheis LM	Lekkersings
297	Northern Cape	!Kheis LM	Eksteenfontein
298	Northern Cape	Kheis LM	Gariep
299	Northern Cape	Kheis LM	Zuma Valley
300	Northern Cape	!Kheis LM	Kuboes
301	Northern Cape	Ga-segonyana LM	Kuruman-Wrenchville
302	Northern Cape	Ga-segonyana LM	Kagung
303	Northern Cape	Hantam LM	Calvinia
304	Northern Cape	Hantam LM	Loerisfontein
305	Northern Cape	Sol Plaatje LM	Riverton

No	Province	WSA	WSS
306	Northern Cape	Sol Plaatje LM	Ritchie
307	Northern Cape	Tsantsabane LM	Maremane
308	Northern Cape	Tsantsabane LM	Groenwater
309	Northern Cape	Tsantsabane LM	Groenwater
310	Northern Cape	Thembelihle LM	Strydenburg
311	Northern Cape	Thembelihle LM	Hopetown
312	Northern Cape	Dikgatlong LM	Windsorton
313	Northern Cape	Dikgatlong LM	Barkly West
314	Northern Cape	Emtanjeni LM	Hanover
315	Northern Cape	Magareng LM	Warrenton
Sub-total Western Cape : 10			
316	Western Cape	Hesequa LM	Still bay
317	Western Cape	Beaufort West LM	Beaufort West
318	Western Cape	Kannaland LM	Calitzdorp
319	Western Cape	Kannaland LM	Zoar
320	Western Cape	Kannaland LM	Van Wyksdorp
321	Western Cape	Kannaland	Ladismith
322	Western Cape	Stellenbosch LM	Franshoek
323	Western Cape	Swollendam LM	Bulffeljagts River
324	Western Cape	Prince Albert LM	Prince Albert
325	Western Cape	Matzikama LM	Kliprand
Total 326			

PART E: DISTRICT DEVELOPMENT MODEL

OR Tambo DM

PPI No.	Output Indicators	Project Name	Project description	Location	Status
3.4.1	Number of bulk raw water projects in the preparation for implementation	Lusikisiki regional water supply scheme: Zalu Dam on the Xura River	Bulk raw water (i.e. dam and associated infrastructure)	O R Tambo DM, Eastern Cape	Design
3.7.1.1	Number of mega regional bulk infrastructure project phases under construction	OR Tambo Mthatha King Sabata Dalindyebo district municipality bulk water supply	Bulk water supply	OR Tambo DM, Eastern Cape	Construction
3.7.2.2	Number of large regional bulk infrastructure project phases completed	Ingquza Hill bulk water supply	Bulk water supply	O R Tambo DM, Eastern Cape	Completed
3.7.1.1	Number of mega regional bulk infrastructure project phases under construction	Mbizana regional bulk water supply	Bulk water supply	O R Tambo DM, Eastern Cape	Completed
3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG) completed [Not funded]	Coffee bay water treatment works	Bulk water supply	O R Tambo DM, Eastern Cape	Feasibility

PPI No.	Output Indicators	Project Name	Project description	Location	Status
5.1.8	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements	Bizana	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Flagstaff	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Lusikisiki	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Mqanduli	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Mthatha	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Ngqeleni	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Ntabankulu	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Port St Johns	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Qumbu	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment
		Tsolo	Wastewater system compliance assessment	O R Tambo DM, Eastern Cape	For green drop assessment

Alfred Nzo DM

PPI No.	Output Indicators	Project Name	Project description	Location	Status
3.7.1.3	Number of small regional bulk infrastructure project phases under construction	Matatiela Bulk Water Supply	Bulk water supply	Alfred Nzo DM, Eastern Cape	Construction
3.7.1.1	Number of mega regional bulk infrastructure project phases under construction	Greater Bizana Water Supply	Bulk water supply	Alfred Nzo DM, Eastern Cape	Construction
3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG)	Ntabankulu bulk water supply	Bulk water supply	Alfred Nzo DM, Eastern Cape	Construction
3.7.2.2	Number of large regional bulk infrastructure project phases completed	Mount Ayliff bulk peri-urban water supply	Bulk water supply	Alfred Nzo DM, Eastern Cape	Construction
3.4.2	Number of bulk raw water projects under construction	Mzimvubu Water Supply	Bulk raw water (i.e. dam and associated infrastructure)	Alfred Nzo DM, Eastern Cape	Construction
5.1.8	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements	Bizana	Wastewater system compliance assessment	Alfred Nzo DM, Eastern Cape	For green drop assessment
		Cedarville	Wastewater system compliance assessment	Alfred Nzo DM, Eastern Cape	For green drop assessment
		Matatiele	Wastewater system compliance assessment	Alfred Nzo DM, Eastern Cape	For green drop assessment
		Mount Ayliff	Wastewater system compliance assessment	Alfred Nzo DM, Eastern Cape	For green drop assessment
		Mount Frere	Wastewater system compliance assessment	Alfred Nzo DM, Eastern Cape	For green drop assessment
		Ntabankulu	Wastewater system compliance assessment	Alfred Nzo DM, Eastern Cape	For green drop assessment

Waterberg

PPI No.	Output Indicators	Project Name	Project description	Location	Status
3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG) completed [Not funded]	Mokolo and Crocodile water Augmentation Project (MCWAP) Phases 2A	Bulk raw water (i.e. dam and associated infrastructure)	Waterberg DM, Limpopo	EIA
3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG) completed [Not funded]	Magalies water supply to Waterberg (Klipvoor)	Bulk water supply	Waterberg DM, Limpopo	Feasibility
3.7.1.1	Number of mega regional bulk infrastructure project phases under construction	Mogalakwena bulk water supply phase 2	Bulk water supply	Waterberg DM, Limpopo	Construction
3.9.1	Number of feasibility studies for water and wastewater services projects (RBIG) completed [Not funded]	Lephalale/ Eskom: Bulk water augmentation	Bulk water supply	Waterberg DM, Limpopo	Feasibility
5.1.8	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements	Pienaarsrivier waste water supply system	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Radium waste water supply system	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Witpoort	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Zongesien	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Modimolle	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Vaalwater	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Mokopane old & New	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Rebone	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Naboomspruit	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Seshego	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Northam	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment
		Rooiberg	Wastewater system compliance assessment	Waterberg DM, Limpopo	For green drop assessment

Ethekwini

PPI No.	Output Indicators	Project Name	Project description	Location	Status
3.7.1.2	Number of large regional bulk infrastructure project phases under construction	Mdloti River development project: Raising of Hazelmere Dam	Bulk raw water (i.e. dam and associated infrastructure)	iLembe DM, KwaZulu-Natal	Construction
5.1.8	Number of wastewater systems assessed for compliance with the Green Drop Regulatory requirements	Amanzimtoti	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Cato Ridge	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Central	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Craigieburn	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Dassenhoek	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Fredville	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Fredville	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Genazzano	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Glenwood Road	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Hammarsdale	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Hillcrest	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Isipingo	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Kingsburgh	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		KwaMashu	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment

PPI No.	Output Indicators	Project Name	Project description	Location	Status
		KwaNdengezi	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Magabeni	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Mpumalanga	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		New Germany	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Northern Works	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Phoenix	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Southern	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Tongaat Central	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Umbilo	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Umdloti	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Umhlanga	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Umhlatuzana	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Umkomaas	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment
		Verulam	Wastewater system compliance assessment	eThekwini Metropolitan Municipality	For green drop assessment

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