

LIMPOPO-OLIFANTS  
CATCHMENT MANAGEMENT AGENCY  
ANNUAL PERFORMANCE PLAN

FOR THE FISCAL YEARS  
2024/25 TO 2026/27

This annual performance plan can be obtained from [www.locma.gov.za](http://www.locma.gov.za)

## Foreword by the Minister



The Limpopo-Olifants CMA is one of four recently established CMAs that have now ensured that all parts of South Africa have a CMA, and that national government can now empower these institutions to discharge water resources management at the lowest level, closer to the users. The completion of the establishment of CMAs is a significant and important milestone in government's drive to reform institutional set-up for water management, it also internationally bests practice for integrated water resource management. CMAs are designed to be at the forefront of our response to pertinent water resource management challenges facing the country. We recognise that our rivers are being over-used, polluted and water use activities are poorly monitored and coordinated.

As we begin this journey of a new CMA, we now have to turn our attention to developing and implementing an Annual Performance Plan which lays a basis for work that needs to be done in the next three financial years, from April 2024 to March 2027. This plan reflects the challenges that require attention of the new institution and proposes activities that will be undertaken to continue with our work of managing our water resources. Full implementation of the APP is critical to improving outcomes and providing the essential foundation needed to prepare rivers and communities for future conditions.

The work of the CMA as summarised in the planned activities contained herein, must address the necessary re-balancing of water needs of the environment, our people and consumptive users. We must deliver outcomes to enable healthy rivers and ecosystems as a priority, and growing communities and economies.

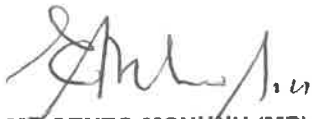
Whilst we expect more to be done by the new institution under the leadership of a capable Governing Board, we recognise the significant achievements over the past thirty years by the Department of Water and Sanitation through its three proto-CMAs that have now been amalgamated to establish one new independent agency. Some of the key achievements relate to approval of water licence applications, especially for new mining developments in the Lephalale, Mogalakwena, and middle-Olifants catchments. We also acknowledge that water allocation reform has predominantly occurred in irrigation dependent communities, driven by land reform programmes. It is important for the new CMA to support land reform projects by ensuring that new land owners are provided with tools to continue productive water use and develop capabilities to pay for water resources management charges. We have noted that this water management area has many Communal Property Associations that have not been able to continue with productive water use and therefore later not honouring their raw water bills.

The Limpopo-Olifants Water Management Area has different climate and rainfall patterns. The north-western parts of Limpopo main stem, which we share with Botswana and Zimbabwe, is relatively dry with low rainfall. This is an area with significant industrial activity starting in Gauteng province, moving into mining areas in North West and Limpopo provinces, and passing through the power generation hub in Lephalale. There is an increasing demand for water to support these industrial activities – mining and power generation, and the human settlement activities that results from the industrial activities. The Lephalale and Mogalakwena regions are experiencing high demands that cannot be met by current supplies. What also results from these activities is the decreasing quality of raw water – both in our rivers and in the underground.

The Upper and Middle Olifants catchments are also facing increasing demand due to mining activities in the Middleburg and eMalahleni region, moving to the Burgersfort and Steelpoort region.

The increasing demand and the impact of human and industrial activities on the limited water resources calls for increased monitoring and compliance. The board must ensure that sufficient resources are made available to monitor the quantity and quality of the water resources. It is through stringent monitoring and compliance measures that the CMA will be

able to first ensure that sufficient quality water is retained for ecological and human consumption, then assure allocations for authorised users before looking at availability for new applications. This must be done with clear promotion of water use efficiencies in all sectors. We expect that at the beginning of its operations, the CMA will experience slower implementation which may make it difficult to meet some timeframes and milestones in this APP. We understand that the establishment of a new institution is an extremely complex reform agenda, requiring deep and enduring change across three jurisdictions that are now merged as one. However, this understanding must not be used to validate or justify poor performance, rather to provide room for constant review of the trajectory of delivery against the plan. We believe that the board and senior management would have completed a stocktake of current implementation across the three previous proto-CMAs and developed this APP with full consideration of what is practically achievable with the resources provided. Collaboration and stakeholder engagement remains core to how a CMA operates and I believe that proper arrangements have been planned to increase participation of stakeholders inside and outside of government, users and partners. Proper platforms must also be introduced or strengthened to ensure good communication, education and awareness on what the institution is about, how it will work with its stakeholders and how it will conduct its work of protecting, securing, allocating and monitoring water resources in its water management area. Stakeholders must be involved in the development of a catchment management strategy as required by the national water act, own up to its contents and support its implementation. The CMA is managing a water management area with international obligations affecting three countries which adds to the need to ensure that proper planning is undertaken to avoid adverse impacts on our neighbours. I wish the governing board and executive management well in the endeavour to build a credible, accountable and responsive institution, and look forward to great results in the next three years.



MR SENZO MCHUNU (MP)

MINISTER OF WATER AND SANITATION





DATE:

28/04/24

**Official sign-off**

It is hereby certified that this provisional Annual Performance Plan:

- Was developed by the management of the Limpopo-Olifants proto-CMA
- Considers all the relevant policies, legislation and other mandates for which the CMA is responsible.
- Accurately reflects the impact, outcomes and outputs which the Limpopo-Olifants CMA will endeavour to achieve over the period 2024/25 – 2026/27.

Babalwa Manyakanyaka Planning, Monitoring and Evaluation Coordinator	
Frans Moatshe Chief Financial Officer	
Ms Lucy Kobe Interim Chief Executive	
Dr Sean Phillips Interim Accounting Authority	

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## List of abbreviations and acronyms

Abbreviation / acronym	Description
CEO	Chief Executive Officer
CFO	Chief Financial Officer
CMA	Catchment Management Agency
CMC	Catchment Management Committee
CMF	Catchment Management Forum
CMS	Catchment Management Strategy
DPSA	The Department of Public Service and Administration
DWS	The Department of Water and Sanitation
IB	Irrigation Board
ICT	Information and Communication Technology
IDP	Integrated Development Plan
IWP	Integrated Workforce Planning
IWRM	Integrated Water Resources Management
LIMCOM	Limpopo Basin Commission
LOCMA	Limpopo-Olifants Catchment Management Agency
NEMA	National Environmental Management Act
NW&SMP	The National Water and Sanitation Masterplan
NWA	National Water Act, 1998 (Act 36 of 1998)
NWA	National Water Act, Act 36 of 1998
NWRS	National Water Resources Strategy
RMS	Records Management system
SADC	South African Development Community
SDG	The Sustainable Development Goals
WARMS	Water Registration Management System
WC/WDM	Water Conservation and Demand Management
WMA	Water Management Area
WMI	Water Management Institution
WRM	Water Resource Management
WSA	Water Services Authority
WUA	Water User Association

## PART A: MANDATE

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## **1. Legislative and policy mandates**

### **1.1 Constitutional mandate**

The Constitution of the Republic of South Africa, 1996 (Act 108 of 1996) as amended, provides through the Bill of Rights that:

- (a) everyone has a right to an environment that is not harmful to their health or well-being;
- (b) the environment is protected for the benefit of present and future generations through reasonable legislative and other measures that,
  - (i) prevent pollution and ecological degradation;
  - (ii) promote conservation; and
  - (iii) secure ecologically sustainable development and use of national resources while promoting justifiable economic and social development.

### **1.2 Legislation and Policy Mandates**

#### **1.2.1 Application of the National Water Act**

The Limpopo-Olifants CMA is a water management institution established in terms of section 78 of the National Water Act 36 of 1998 and is operational in the Limpopo-Olifants Water Management Area (WMA).

The Limpopo-Olifants CMA has the following inherent functions in terms of section 80 of the National Water Act:

- Investigate and advise interested persons on water resource management
- Compilation of the Catchment Management Strategy (CMS)
- Co-ordinate related activities of water users and water management institutions (WMIs)
- Promote co-ordination of implementation of any applicable development plan
- Promote community participation in water resource management

In terms of section 5 of the National Water Act 36 of 1998, the National Water Resource Strategy determines the water management areas to be managed by catchment management agencies. The National Water Resource Management Strategy third edition (NWRS-3) provides the framework for the protection, use, development, conservation, management and control of water resources for the country as set out in the National Water Act.

The Catchment Management Agency must, in terms of section 80(b) of the National Water Act, develop a catchment management strategy for its water management area which must not conflict with the National Water Resource Management Strategy III. The catchment management strategy will be a stakeholder driven document which, on completion, is a policy mandate by stakeholders.

In terms of the National Pricing Strategy for Raw Water Use Charges the determination of sectorial water resource management charges and the determination of annual waste loads are to be per water management area. In terms of section 57(2) of the National Water Act the Limpopo-Olifants CMA can determine the charges payable to the agency, in line with the National Pricing Strategy.

#### **1.2.2 Application of the Public Finance Management Act**

The LOCMA is a public entity listed in Schedule 3A of the Public Finance Management Act, 1998 (Act 1 of 1998) (PFMA). The PFMA regulates financial management in the national government and provincial governments in order to ensure that all revenue, expenditure, assets and liabilities of those governments are managed efficiently and effectively; to provide for the responsibilities of persons entrusted with financial management in those governments; and to provide for matters connected therewith.

### **1.3 Alignment with National and International Plans**

#### **1.3.1 Application of the National Water Resources Strategy**

The scope and purpose of the third instalment of the National Water Resource Strategy 3 (NWRS3) provides a vision for the protection and management of water resources to enable equitable and sustainable access to water and sanitation services in support of socio-economic growth and development for the well-being of current and future generations. The NWRS3 aims to achieve this vision by means of on the following overarching goals:

- ◆ Water and sanitation supporting development and elimination of poverty and inequality;
- ◆ Water and sanitation contributing to the economy and job creation; and
- ◆ Water that must be protected, used, developed, conserved managed and controlled sustainably and equitably.

The institutional landscape required for effective delivery of services then provides a clarion call to the Department of Water and Sanitation (DWS) as a sector leader, associated sector departments, such as the Department of Minerals and Energy (DMRE), Department of Forestry, Fisheries and Environmental (DFFE), Catchment Management Agencies (CMAs), Water Boards, Private Sector and other agencies of State to commit to an involvement in developmental, inclusive and integrated water resource management.

#### **1.3.2 Alignment with National Development Plan, 2030**

The National Development Plan, 2030 (NDP) provides an overarching policy framework on a trajectory in dealing with the triple challenges of inequality, unemployment and poverty. The NDP further supports a new societal deal of increased cooperation between Government, business, labour and other social partners for economic growth and development. The NDP further puts an emphasis on investment and development of bulk water including water resources management infrastructure for water conservation and demand management; integrated catchment management and resource protection such that there is water availability for economic sectors to create jobs.

#### **1.3.3 Alignment with National Water and Sanitation Masterplan**

The National Water and Sanitation Masterplan (NW&SM) intends to coalesce water users and all the Water Management Institutions (WMI) to resolve issues on water and sanitation service delivery. The NW&SM is a novel plan that will guide the South African water sector led by the DWS and implemented at local government level and other sector partners. The plan is intended towards implementation of tangible actions that will have an impact on the management of South Africa water resources and the supply and use of water and sanitation in the country.

#### **1.3.4 Alignment with United Nations Sustainable Development Goals**

The Sustainable Development Goals (SDGs) are designed to be a blueprint in achievement of a sustainable future across the world. The SDGs seek to address key systematic barriers to sustainable development such as inequality, unsustainable consumption patterns, weak institutional capacity, and environmental degradation. The SDGs further seeks to improve quality of water through pollution reduction including to ensure sustainable withdrawals and supply of freshwater to address water scarcity. The United Nations further convened a High-Level Panel on Water (HLPW) which made recommendations on how to accelerate progress in the achievement of availability and sustainable management of water and sanitation for all and the achievement of other multiple SDGs. High-level recommendations by the HLPW, among others, included understanding, valuing and managing water which will provide a foundation for broader integrated water management; integrated approach at local, country and regional levels including building partnerships and international collaboration at global level.

### **1.3.5 Southern Africa Development Community Protocol on Shared Watercourses**

This South African Development Community (SADC) Protocol provides institutional mechanisms to achieve the SADC agenda of regional integration and poverty alleviation. This protocol therefore seeks to:

- a) Promote and facilitate the establishment of shared watercourse agreements and shared watercourse institutions for the management of shared watercourses.
- b) Advance the sustainable, equitable and reasonable utilisation of the shared watercourses.
- c) Promote a coordinated and integrated environmentally sound development and management of watercourses.
- d) Promote the harmonisation and monitoring of legislation and policies for planning, development, conservation, protection of shared watercourses and allocation of resources thereof; and
- e) Promote research and technology development, information exchange, capacity building and application of appropriate technologies in shared watercourses management.

### **1.4 Consideration of Relevant court rulings**

2. Lötter N O and Others v Minister of Water and Sanitation and Others (725/2020) [2021] ZASCA 159 (8 November 2021) : deals with Water trading
3. Forestry South Africa v Minister of Human Settlements, Water & Sanitation and Others (19684/2019) [2021] ZAWCHC 164 (23 August 2021) – ELU
4. Minister of Water and Sanitation and Others v Casper Jacobus Lotter N.O and Others (CCT 387/21) (Date of judgment: 15 March 2023).

*No court rulings have an impact on the implementation of the Annual Performance Plan over the three-year planning period. The LOCMA is continuously monitoring progress on court matters which have potential to impact on its policy and strategic direction. The LOCMA may become accessories to the matters that are currently before the Water Tribunal due to their linkages to the proto-CMAs that preceded the LOCMA*

## PART B: STRATEGIC FOCUS

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## 5. Overarching Vision

Equitable and sustainable water that support socio-economic growth and development of the wellbeing of current and future generations<sup>1</sup>

## 6. Overarching Mission

Credible, efficient and effective water management that works towards ensuring protection, development, conservation, management, and regulation of water resources in its WMA through user-friendly systems and mutually beneficial partnerships<sup>2</sup>.

## 7. Values<sup>3</sup>

- ◆ **Objectivity:** Providing services impartially, fairly, equitably and without bias.
- ◆ **Productivity:** Utilising resources efficiently and effectively.
- ◆ **Professionalism:** Promoting and maintaining high standards of professional ethics.
- ◆ **Responsiveness:** Responding to people's needs; citizens are encouraged to participate in policymaking.
- ◆ **Accountability:** Rendering an accountable, transparent, and development-oriented public administration.

## 8. Impact statement

Water resources that are protected, used, developed, conserved, managed and controlled in a manner that supports ecologically sustainable economic and social development that transforms access to water to redress racial imbalances<sup>4</sup>

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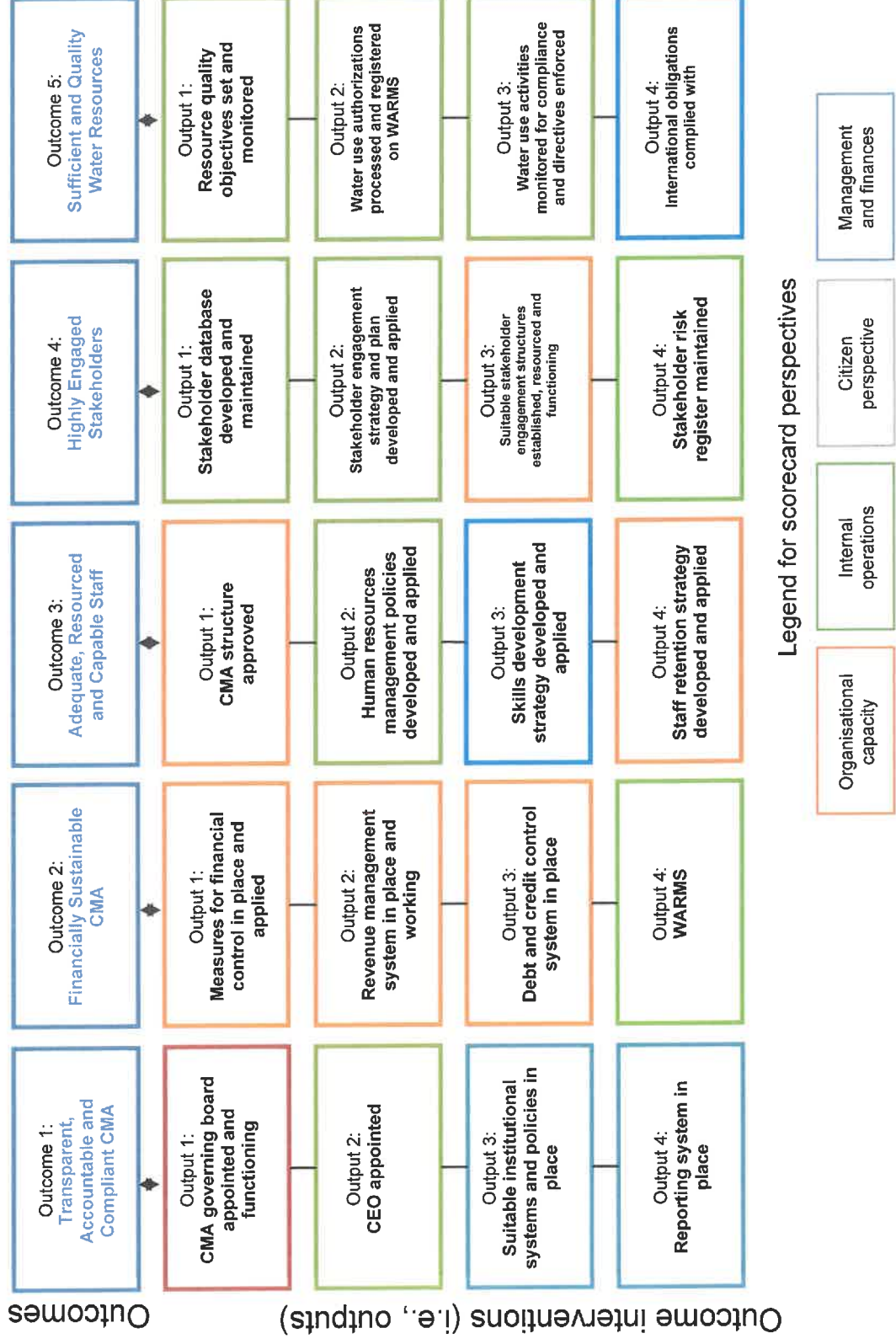
<sup>1</sup> Adapted from DWS APP 2024/25-2026/27

<sup>2</sup> ditto

<sup>3</sup> ditto

<sup>4</sup> ditto

### 9. Strategy map of the CMA





## 10. Updated situational analysis

The external and internal environment issues impacting on the CMA's performance are summarised below:

### 10.1 External environment

#### 10.1.1 Overview of the Water Management Area

The Limpopo-Olifants WMA is the northern most water management area in the country and represents part of the South African portion of the Limpopo Basin which is also shared with Botswana, Zimbabwe and Mozambique. The WMA borders on Botswana and Zimbabwe, where the Limpopo River forms the entire length of the international boundary before flowing into Mozambique (DWA, 2004; DWS, 2014).

The CMA is one of the six CMAs in the country and one of the four to be established in the 2023/24 financial year. It manages the newly demarcated Limpopo-Olifants Water Management<sup>5</sup> which merges three previous WMAs identified in the first National Water Resources Strategy – Limpopo, Olifants and Crocodile West-Marico. The region is semi-arid, with economic activity mainly centred on livestock farming and irrigation, together with increasing mining operations. Approximately 760 rural communities are scattered throughout the water management area, with moderate local economic activity to support these population concentrations.

There are numerous tributaries that contribute to the Limpopo-Olifants WMA. The Marico and Crocodile Rivers form the headwaters of the Limpopo at their confluence. The Marico, Upper Molopo and Upper Ngotwane River catchments make up the western part of the Water Management Area. The Crocodile (West) River catchment forms a major part of the Limpopo WMA. The Crocodile River is a major tributary of the Limpopo River (Drainage Region A) which discharges into the Indian Ocean in Mozambique while the Pienaars, Apies, Moretele, Hennops, Jukskei, Magalies and Elands rivers are the major tributaries of the Crocodile River, which together make up the A20 tertiary hydrological catchment with its 39 quaternary catchments. From the confluence of Crocodile West and Molopo, the main stem is drained by the Matlabas, Mokolo, Lephallale, Mogalakwena, Sand, Nwanedzi, and Luvuvu rivers.

The Olifants river has several rivers contributing to the Olifants River stem of the Limpopo-Olifants WMA, and the key rivers include: the Rietspruit, the Steenkoolspruit and the Viskuile that confluences to form the main stem of the Olifants River south of Witbank; the Klein Olifants River is to the east of the tributaries above, and joins the river north west of Middelburg; the Wilge and Koffiespruit Rivers drains the area to the west of the main stem and join the Olifants River north of Witbank; the Moses and Elands Rivers drain the western part of the region south of the endoreic Springbokvlakte and the Elands River confluences with the Olifants River upstream of Arabie Dam; the Steelpoort River, and its tributaries the Dwars and Spekboom Rivers, drain a large area in the east, rising near Belfast and Lydenburg; the Blyde and Klaserie Rivers originates east of the Steelpoort River on the western mountainous area of the Escarpment. The Blyde River has its confluence with the Olifants River in the Lowveld region; the Ga-Selati River flows north of the main stream, in the Lowveld region, and originates on the eastern face of the Escarpment; and the last tributary, and by far the largest, is the Letaba River which joins the Olifants River virtually on the Mozambican border.

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<sup>5</sup> National Water Resources Strategy 3

### 10.1.2 Climate and Rainfall

The climatic conditions vary within the Limpopo-Olifants Water Management Area. In the Limpopo River catchment, climatic conditions range from the Waterberg Mountains in the south, northwards to the hot, dry Limpopo River valley on the border with Zimbabwe. The mean annual temperature of the Limpopo WMA ranges from 16° in the south to 22° in the north, with an average of 20° for the WMA as a whole (DWA, 2004; RESILIM, 2017). The average maximum monthly temperature is 30° in the month of January, while the average minimum monthly temperature is 4° in the month of July (DWA, 2004).

For the Crocodile River, the upper higher lying areas of the catchment experience cold winters (daily average minima and maxima of 10C and 15C respectively) and reasonably hot summers (10 and 30 C). In the Olifants catchment of the WMA, the climate varies from cool in the southern Highveld region through temperate in the central parts to sub-tropical east of the escarpment. According to the Environmental Screening Report (DWA, 2011; RESILIM, 2017) the catchment covers four climatic regions, including:

- ◆ The Highveld, with moderate maximum temperatures and cold winter nights, with severe frost occurring regularly
- ◆ The Bushveld, with high maximum temperatures and cool winter nights without severe frost occurring
- ◆ The escarpment, which partly lies in the mist belt, with moderate maximum temperatures and cool winter nights, and
- ◆ The eastern Lowveld with a hot sub-tropical climate.

The rainfall in the WMA falls within the summer season, with maximum temperatures experienced in January and minimum temperatures occurring in July. The Mean Annual Precipitation (MAP) in the Limpopo stem of the WMA ranges widely, with rainfall ranging from as little as 200 mm/annum in the north to over 1 200mm/annum in the Soutpansberg Mountains. In general rainfall decreases from the south to the north, with the lowest rainfall occurring in the Limpopo valley in the north-east of the WMA. Rainfall occurs mainly in summer, (i.e., October to March). The peak rainfall months are in January and February and rainfall occurs generally as thunderstorms.

During the driest year, the annual rainfall in the Limpopo WMA ranges generally between 100-200 mm in the extreme north with most of the catchment ranging between 200- 400 mm increasing up to 600 mm in the south. Rainfall in the Soutpansberg watershed ranges between 800-1200 mm per annum. In accordance with the rainfall patterns the relative humidity is higher in summer than in winter. Humidity is generally highest in February (the daily mean ranges from 64% in the west to above 70% in the east).

On the other hand, the Olifants stem of the WMA rainfall is highly seasonal and occurs mainly in summer. The mean annual precipitation within the Olifants catchment varies greatly, with the driest areas (Sekhukhune and the northern parts of the eastern Lowveld) receiving 325 mm/annum to 550 mm/annum. In the Highveld region and the southern part of the eastern Lowveld the rainfall varies between 550 mm/annum to 750 mm/annum. The escarpment receives a higher rainfall of between 750 mm/annum to 1000 mm/annum (Environmental Screening Report (DWA; 2011; RESILIM, 2017; LIMCOM et al, 2017). Potential evaporation is well in excess of the rainfall (between 1 400 mm and 1 900 mm per year).

### 10.1.3 Water availability and requirements

#### 10.1.3.1 Availability

The table below summarises water availability

WMA	REGISTERED VOLUMES				YIELD VOLUMES			
	DOMESTIC & INDUSTRIAL	IRRIGATION	SFRA	Total	DOMESTIC & INDUSTRIAL	IRRIGATION	SFRA	Total
Limpopo catchment	642 630 084	1 298 659 735	3 621 069	1 950 310 888	837 000 000	780 000 000	7 000 000	1 624 000 000
Olifants Catchment	762 699 022	1 006 358 047	53 972 671	1 823 029 740	432 000 000	708 000 000	39 000 000	1 179 000 000
Limpopo Olifants WMA Total	1 405 329 106	2 305 017 782	57 593 740	3 773 340 628	1 269 000 000	1 488 000 000	46 000 000	2 803 000 000

In terms of water management, the WMA is considered “closed,” meaning its current usage exceeds the amount of surface water it generates. To fill the deficit, every year about 500 million cubic meters of water is transferred from the Orange-Senqu River Basin through the Crocodile and Upper Olifants Rivers into the WMA (RESILIM, 2017). Within the WMA, water is also transferred from the Vaal Eastern Sub-system to address supply problems for Duvha and Matla power stations located in the Upper Olifants sub-basin as part of the Komati Water Business Case for the Establishment of the Limpopo-Olifants Catchment Management Agency 18 | P a g e Scheme Augmentation Project (KWSAP) (ibid). South Africa, home to 15 million of the Basin’s 18 million people, generates 46 percent of the available water in the Basin but accounts for 60 percent of total usage. This scarcity is yet another reminder of the vital importance of transboundary collaboration on resource allocation and management and resilience-building.

#### 10.1.3.2 Requirements

The next table shows water requirements.

Total WMA Volume for billable sector in cubic meter per annum for F 2019/20									
WMA	Agriculture (irrigation)	Agriculture (watering stock)	Commercial forestry	Industry (non-urban)	Industry (urban)	Mining	Power generation	Water supply service	Total
Limpopo	1 290 053 218.20	8 806 516.55	9 621 069.08	9 670 810.92	202 754 012.84	183 071 297.90	14 639 280.00	232 494 682.37	1 950 910 887.86
Olifants	1 002 499 175.16	3 858 872.05	53 972 671.35	69 910 903.43	47 852 498.19	435 229 278.69	13 140.00	209 693 201.32	1 823 029 740.19
Limpopo Olifants WMA	2 292 552 393.36	12 465 388.60	63 593 740.43	79 581 714.35	250 606 511.03	618 300 576.59	14 652 420.00	442 187 883.68	3 773 940 628.05
Total									

#### 10.1.4 State of ecosystems

Overall, the predominant economic activity in Limpopo-Olifants WMA is mining followed by agriculture and much lower down the scale manufacturing, eco-tourism and power generation. Consequently, economic hubs in the WMA include major urban and industrial centres such as Polokwane, Pretoria, Johannesburg and Rustenburg (LIMCOM et al, 2017). Most manufacturing industries are also concentrated in these large urban centres. Gauteng and Limpopo provinces are the most industrialized parts of the WMA, dominated by the manufacturing sector. Within the Limpopo catchment of the WMA, it is estimated that more than 51.5% of the South African Gross Domestic Product (GDP) originates in the Limpopo-Olifants WMA (DWA, 2004; LIMCOM et al, 2017). Urban areas cover an area of 665 km<sup>2</sup>. Activities in these areas make up a significant portion of the economic activity such as service and government sectors, manufacturing, trade and industry (DWA, 2004). Together with mining activities they constitute just more than half of the country’s Gross Domestic Product, which makes water supply to this catchment very important. Moreover, the economy of the Limpopo catchment is relatively more competitive than the remainder of South Africa with respect to agriculture and mining, which affirms the primary nature and function of the Limpopo catchment of the WMA as an agricultural and mining region.

Government expenditure is also very prominent in the catchment and offers a comparative advantage due to the fact that it is a primary activity that drives economic development. The Limpopo catchment possesses a comparative advantage in trade and tourism activities, seen

within a national context, even though this sector is fairly important to the regional economy (DWS, 2004). It is significant to note that with the land and water resources available for agriculture already highly developed, economic growth in the catchment will largely be dependent on new mining developments. The greatest potential lies in the mining and beneficiation of platinum group metals, and coal mining for power generation or as a base for possible petro-chemical industries, as well as natural gas near Lephalale which could be economically exploited. Recently, the planned steel and power plant within the Musina economic zone provides job opportunities and will contribute to the regional economy provided adequate water resources are available to support the planned venture.

In the Olifants catchment of the WMA, the economy of the catchment is largely driven by the mining sector, with large coal deposits found in the Emalahleni and Middelburg areas and large platinum group metal deposits found in the Steelpoort and Phalaborwa areas (DWA ISP, 2004). As a result of extensive mining the water quality has deteriorated significantly, resulting in some water users in the catchment resorting to alternative sources to meet their water needs. Imported water from the Usuthu and Komati systems is also used mainly to supply the seven coal-fired power stations located in the upper catchment. In the lower part of the catchment, the Thohoyandou-area is a significant contributor to the economy mainly through government and trade, followed by Tzaneen that is strong on activities in the agriculture irrigation and afforestation. Tourism also thrives in this area mainly in the form of the Kruger National Park, and other small conservation-based businesses in the area

### **10.1.5 International Considerations**

The Limpopo River Basin, of which all the rivers in the Limpopo WMA are a part, is shared by South Africa, Botswana, Zimbabwe and Mozambique. A multilateral agreement between the riparian countries led to the establishment of the Limpopo Watercourse Commission (LIMCOM) in 2003, and the development of its capacity (LBPTC 2010; LIMCOM et al, 2017; RESILIM, 2017). The objectives of the commission include advising the riparian countries and providing recommendations on the protection, preservation and management of the Limpopo River. LIMCOM is linked to national climate adaptation plans through national governments and catchment management agencies (LIMCOM 2003; SADC 2005; LIMCOM et al, 2017; RESILIM, 2017). All countries in the region have signed the SADC Revised Protocol Business Case for the Establishment of the Limpopo-Olifants Catchment Management Agency 20 | Page on Shared Watercourses whose principles are key for cooperation and joint management of water resources (LBPTC 2010; LIMCOM et al, 2017; RESILIM, 2017). There are bilateral agreements between South Africa and Mozambique (formerly Portugal) relating to the Massinger Dam situated on the Olifants River, which is a tributary of the Limpopo River; and an agreement (TSWASA Agreement) on the water resources of Molatedi Dam between Botswana and South Africa (including the former homeland of Bophuthatswana) needs to be reviewed to account for the over-allocation from the dam. On the Upper Molopo River, there are concerns from Botswana that increasing water use in the upper catchments are impacting on the availability of water from the sand wells on which the local Botswana communities are dependent on. The strategic option is to ensure that the catchments are managed as one unit. The organisational and administrative structures for the TSWASA Agreement has since changed and needs to be restructured in the light that the former area of Bophuthatswana was reincorporated into South Africa (DWA, 2004 - Marico ISP)

### **10.1.6 Regulation**

The WMA has previously been managed by three separate proto-CMAs – Olifants Proto-CMA, Limpopo Proto-CMA, and Crocodile-Molopo Proto-CMA (also referred to as North West). These three proto-CMAs have been responsible for regulatory activities that include review and approval of water use authorisations, compliance monitoring of water use activities, enforcement of authorisation conditions, monitoring of local water management entities (Water User Associations), billing and collection of water resources management charges and facilitation of stakeholder empowerment and engagement. The

work includes issuing of directives where non-compliance is found and investigating performance of WUAs and irrigation boards.

### **10.1.7 Transformation**

The CMA will continue with addressing new and existing applications for water use licences. Many of the applications have come from industry (mines) and small-holder farmers.

### **10.1.8 Institutional transformation**

A critical role of the CMA will be to support the DWS in completing the transformation of irrigation boards into Water User Associations. The Limpopo main stem catchment has no irrigation boards that are still to be transformed. As at the start of March 2024, the status of submission of proposals to transform irrigation boards was as follows:

- ◆ **Olifants Catchment:** There are currently nineteen (19) irrigation boards that are still to be transformed into WUAs. Three proposals that are being evaluated and some include amalgamation of several irrigation boards into one WUA, a process which may be completed before the end of MARCH 2024. One irrigation board has objected to the directive from the Minister, four have requested to be disestablished and one has been found to be dysfunctional and will also be considered for disestablishment.
- ◆ **Crocodile West-Marico:** This catchment has twenty irrigation boards, and three proposals have been submitted for evaluation, most of which are single transformation proposals as opposed to amalgamation of several irrigation boards into one WUA. Seven irrigation have been found to be dysfunctional and will be considered for disestablishment.

This process has been largely affected by challenges related to shortcomings found in transformation proposals to deal with reviewing of operational boundaries which directly impacts on membership, and properties and liabilities. The role of LOCMA will be to facilitate stakeholder consultation in the development of remaining proposals and to engage users on viable models to address the current impasse.

### **10.1.9 Support to resource poor farmers**

Many areas in the catchment have previous homeland irrigation schemes and post-settlement land reform schemes where resource poor farmers are active. It is recognised that targeted support will be required to address challenges such as access to water, and compliance to existing water use authorisation conditions. A clear plan will be developed for this purpose.

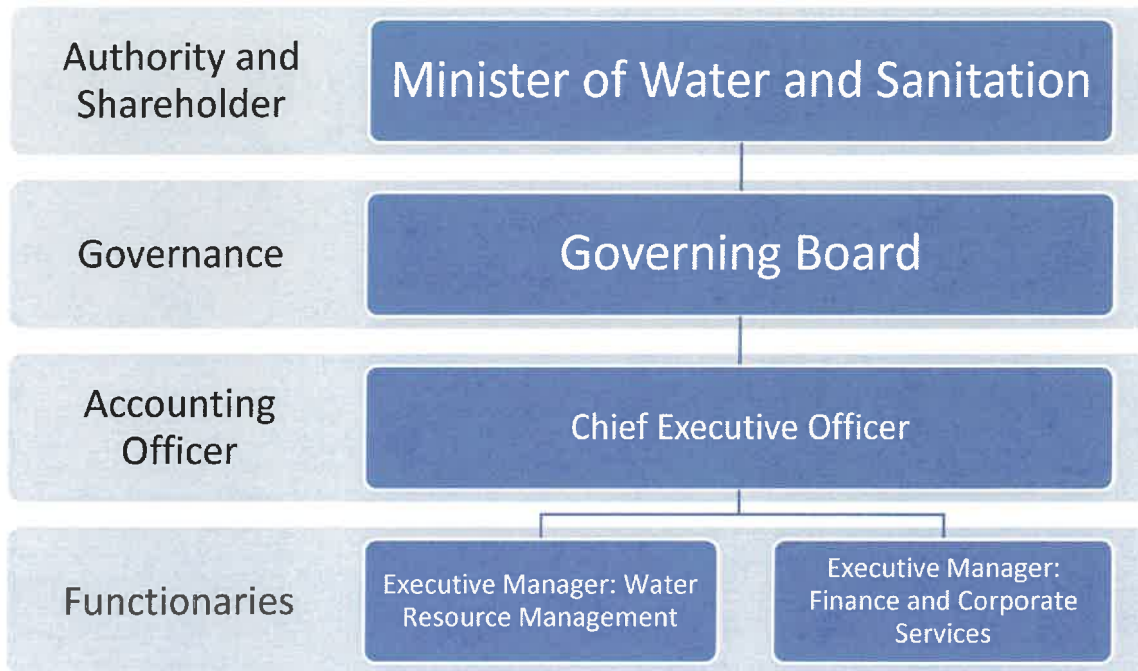
### **10.1.10 Water allocation to HDIs**

The three proto-CMAs have made great progress in responding to applications for water use licences, most of which are from historically disadvantaged communities who require water for irrigation and mining activities. This is one area where the CMA will set up plans with clear targets in line with guidelines from DWS.

## 10.2 Internal environment issues requiring attention

### 10.2.1 Organisational alignment

The provisional organisational structure of the CMA is presented as follows:



### 10.2.2 Organisational culture

With the transition from proto-CMAs to a CMA merging three proto-CMAs, there is a need to focus on organisational culture and ensure that it serves a functional and responsive CMA. However, this presents an opportunity to integrate different strength and enhanced diversity, and the same time fostering common culture may be difficult for the organization to effectively define and communicate a consistent message of its prevailing culture. As such the complex organizational culture requires multidisciplinary interventions that are aligned to the requirements of the strategy delivery and execution effort. The LOCMA is optimistic towards a healthy culture that embraces execution-supportive attitudes, behaviours and work practices where a result-oriented work climate is encouraged is espoused. This type of culture will enable alignment of rewards and incentives directly to achievement of strategic outcomes.

### 10.2.3 Debt management

The new CMA is inheriting debts of over R1,2 billion owed to the previous proto-CMAs. This highlights debt management as a serious concern for financial viability of the new entity. Initially the LOCMA will be dependent on DWS for its billing, collections and debt management. As part of the delegation process, the CMA will, in due course, collect these charges and be responsible for debt management. The efficiency of collection of charges has been a matter of concern in some parts of the country. The LOCMA will ensure incremental acquisition of capabilities to perform this essential activity.

### 10.2.4 Managing data and information

ICT is critical business enabler that will provides effective and efficient processes of the VOCMA across its value chain to affect the key business processes.

### 10.2.5 Financial resources

The current funding model is that allocation from the fiscus makes up 11% of the total LOCMA annual budget and 89% collected from water resource management charges. This funding model is expected to sustain the institution in the long-term and enable it to deliver on its mandate. The key challenge is to collect the water bills that will make up 90% of its revenue.

### 10.2.6 Alignment with national priorities

Departmental outcomes		Outcome indicator as per the Department's strategic plan		Departmental 5-year targets	CMA target	
1	Efficient, effective and development orientated department	1.1	Percentage compliance with corporate governance regulatory prescripts	100% compliance	<ul style="list-style-type: none"> <li>This will be for the remaining one year (i.e., 2024/25 financial year)</li> <li>The 5-year targets will be applicable after the 7<sup>th</sup> administration</li> </ul>	
		1.2	Annual communication, stakeholder management and partnership programme implemented	98% compliance		
		1.3	Targeted procurement supporting SMMEs	30%		
			1.3.1	Women		40%
			1.3.2	Youth		30%
		1.3.3	People with disabilities	7%		
1.5	Annual international relations programme implemented	75%				
2	Ecological infrastructure protected and restored	2.2	Number of rivers in which the river eco-status monitoring programme is implemented	81		
		2.3	Number of main stem rivers monitored for implementation of Resource Directed Measures	10		
		2.4	Wastewater management plans developed and implemented	See details below		
			2.4.2	Implement catchment plans	5	
			2.4.3	Implement waste discharge charge system (WDCS) countrywide	3	
3	Water demand reduced and water supply increased	3.1	Water conservation and water demand strategies developed for water use sectors			
		3.2	Water resource mix diversified	See details below		
			3.2.1	Reliance on surface water reduced	70%	
			3.2.2	Groundwater use increased	10%	
			3.2.3	Use of return flows increased	16%	
			3.2.4	Desalination use increased	3%	
3.2.5	Use of acid mine drainage increased	1%				
5	Enhanced regulation of the water and sanitation sector	5.3	Timeframe for processing water use license application reduced	90 days (working days)		
		5.4	Average number of water users in various sectors monitored for compliance with water use license per year	396		
6	Water distributed for transformation	6.1	Effective and efficient institutions established	See details below		
			6.1.3	Water user associations established	41	
		6.2	Regulation for advancement of water allocation reform finalised	Validation and verification of existing lawful use in 5 water management areas		

## 11. Overview of the 2024/25 budget and medium-term estimates

The 2024 budget estimates of the Limpopo-Olifants CMA are detailed below:

### 11.1.1 Overview of the CMA budget structure

The CMA budget programmes and associated sub-programmes are indicated below:

Programme / sub-programme	Purpose / description
<b>Administration</b>	<b>Strategic leadership and support services for the organization</b>
Office of the Chief Executive	Policy and strategic direction for the organization including governance functions
Financial Management	Planning, organizing, controlling, and monitoring the organization's financial resources (i.e., financial management, supply chain management as well as billing and revenue management)
Corporate Support Services	Enterprise-wide support on specialized services including human resource management, auxiliary services, legal services, IT and communications
Risk and compliance management	Identify, analyses and mitigate organisational risks
Internal audit	Independent and objective assurance on the effectiveness of organizational internal control processes
Office Accommodation	Payments for rental charges on all occupied leased office space and for municipal services such as electricity, water, and sewage and waste removal.
<b>Water resource management</b>	<b>Protection, use, development, conservation, management, and control of water resources</b>
Compliance monitoring and enforcement	Compliance monitoring and enforcement activities as well as delegated dam safety activities within the water management area.
Institutions, stakeholder engagements and governance	Establishment and oversight of water management institutions, stakeholder consultation and capacity empowerment
Water resource planning and management	Develop catchment management strategy; implement resource directed measures; river health, maintenance, and restoration of eco-systems as well as geo-hydrology and hydrology monitoring.
Water use authorisation and registration	Technical processing of water uses license applications, manage water use registration as well as verify and validate water use.



### 11.1.2 Expenditure estimates per funding source

Source of funding	Medium term expenditure estimates in R'000		
	2024/25	2025/26	2026/27
Grant approved by Parliament	30 279	31 635	33 085
Water resource charges	245 087	256 851	268 923
Interest received	3 564	3 732	3,907
<b>Total</b>	<b>278 930</b>	<b>292 218</b>	<b>305 915</b>

### 11.1.3 Expenditure estimates per budget programme

Programme	Medium term expenditure estimates in R'000		
	2024/25	2025/26	2026/27
Administration	85 210	88 152	92 333
Water Resource Management	193 720	204 066	213 582
<b>Total</b>	<b>278 930</b>	<b>292 218</b>	<b>305 915</b>

### 11.1.4 Expenditure Per Economic Classification

Economic classification	Medium term expenditure estimates in R'000		
	2024/25	2025/26	2026/27
Compensation of employees	181,304	189,941	198,845
Goods and services	95,472	98,922	103,664
Payments for capital assets	2,154	3,355	3,406
<b>Total</b>	<b>278,930</b>	<b>292,218</b>	<b>305,915</b>

## PART C: MEASURING PERFORMANCE

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## 1. Institutional programme performance information

The structure of the LOCMA's performance information is aligned with the budget structure as detailed below:

### 1.1. Administration programme

The programme provides strategic leadership and support services for the organisation.

#### 1.1.1 Sub-programmes

**Office of the Chief Executive** provides policy and strategic direction for the organisation including governance functions.

**Financial Management** provides for planning, organizing, controlling, and monitoring the organization's financial resources within the organisation.

**Corporate Support Services** provides enterprise-wide support on specialized services including human resource management, auxiliary services, legal services, IT and communications.

**Risk and Compliance Management** identifies, analyses and mitigate organisational risks.

**Internal audit provides** for independent, assurance and advisory services to improve the CMA's operations.

**Office Accommodation** provides for payments for rental charges on all occupied leased office space and for municipal services such as electricity, water, and sewage and waste removal.

1.1.2 Outcomes, outputs, performance indicators and targets

Outcomes	Outputs	Output indicators	Annual medium-term targets			
			2024/25	2025/26	2026/27	
1 Adherence to corporate governance requirements	1.1 Corporate governance regulatory prescripts developed	1.1.1 Number of financial policies approved	5	5	5	
		1.1.2 Number of human resource policies approved	5	5	5	
		1.1.3 Communication strategy developed	Draft communication strategy	Final communication strategy	-	
		1.1.4 ICT strategy developed	Draft ICT strategy developed	Final ICT strategy	-	
		1.1.5 Strategic risk register developed	Draft strategic risk register developed	Risk management plan	-	
		1.1.6 Audit plan developed	Draft audit plan developed	Final audit plan	-	
	1.2 Targeted procurement supporting SMMEs	1.2.1 Percentage of targeted procurement budget spent on SMMEs	A Women	40%	40%	40%
			B Youth	30%	30%	30%
			C People with disabilities	7%	7%	7%
	1.3 Financial control and sustainability maintained	1.3.1 Debtors' payment days	150 days	150 days	150 days	
		1.3.2 Creditors' payment days	30 days	30 days	30 days	
		1.3.3 Current ratio	≥1:1	≥1:1	≥1:1	
		1.3.4 Number of finance business processes developed	5	5	5	
	1.4 Functional human resource services	1.4.1 Number of HR business processes developed	5	5	5	
1.4.2 Percentage of vacant positions filled		80%	90%	90%		

**1.1.3 Indicators, annual and quarterly targets per sub-programme**

**1.1.3.1 Office of the Chief Executive sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
1.1.1 Number of financial policies approved	5	1	1	1	2
1.1.2 Number of human resource policies approved	5	1	1	1	2

**1.1.3.2 Financial Management sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
1.2.1 Percentage of targeted procurement budget spent on SMMEs	40%	40%	40%	40%	40%
A Women	40%	40%	40%	40%	40%
B Youth	30%	30%	30%	30%	30%
C People with disabilities	7%	7%	7%	7%	7%
1.3.1 Debtors' payment days	150 days	150 days	150 days	150 days	150 days
A days	150 days	150 days	150 days	150 days	150 days
B days	150 days	150 days	150 days	150 days	150 days
C Forestry	150 days	150 days	150 days	150 days	150 days
1.3.2 Creditors' payment days	30 days	30 days	30 days	30 days	30 days
1.3.3 Current ratio	≥1:1	≥1:1	≥1:1	≥1:1	≥1:1
1.3.4 Number of finance business processes developed	1	1	1	1	2

**1.1.3.3 Corporate Support Services sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
1.1.3 Communication strategy developed	Draft communication strategy	Conceptual framework	Identify key audiences	Identify communication related risks	Draft communication strategy
1.1.4 ICT strategy developed	Draft ICT strategy developed	Define IT requirements and scope	Define overall architecture	Define key performance areas	Draft ICT strategy developed
1.4.1 Number of HR business processed developed	5	1	2	1	1
1.4.2 Percentage of vacant positions filled	80%	70%	70%	75%	80%

**1.1.3.4 Risk and Compliance Management sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
1.1.5 Strategic risk register developed	Draft strategic risk register developed	-	-	-	Draft strategic risk register developed

**1.1.3.5 Internal Audit sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4

		April – June	July - September	October - December	January – March
1.1.6	Audit plan developed	-	-	-	Draft audit plan developed

#### 1.1.4 Abridged risk management plan for the programme

Link to outcome	Risk category	Risk	Mitigation measures
1	Adherence to corporate governance requirements	<ul style="list-style-type: none"> <li>Delays in the appointment of the CMA Board</li> <li>Ineffective governance structures and systems to support the Board discharge its fiduciary responsibilities.</li> </ul>	<ul style="list-style-type: none"> <li>Expedite the appointment process through engagements and support to the Ministry.</li> <li>Capacitate the administrative and executive support.</li> <li>Develop and implement the Board calendar of activities.</li> </ul>
	Technological and systems	<ul style="list-style-type: none"> <li>Inadequate technological infrastructure:</li> <li>Unstable ICT systems (suitability and appropriateness of technology for massive data processing)</li> </ul>	<ul style="list-style-type: none"> <li>Develop and implement an ICT master plan.</li> <li>Upgrading the ICT infrastructure</li> </ul>
	Financial Management	Inability to collect revenue (water use charges)	<ul style="list-style-type: none"> <li>Develop a Revenue Enhancement Strategy and credit control.</li> <li>Lodge disputes with National Treasury to force turnaround strategies within WSAs.</li> <li>Leverage funding through partnership and Memoranda of Understanding (MoUs).</li> <li>Monitor the implementation of incentive scheme plans whereby LOCMA entered into repayment agreement with the clients etc.</li> </ul>
	Human Resource Management	<ul style="list-style-type: none"> <li>Critical skills attraction, development, and retention</li> <li>Inadequate access to specialist skills particular for</li> </ul>	<ul style="list-style-type: none"> <li>Build capacity by transferring staff from DWS and recruitment of staff.</li> <li>Develop a talent sourcing and management strategy.</li> <li>Develop a retention strategy</li> </ul>

Link to outcome	Risk category	Risk	Mitigation measures
	Facility management	operational management of the CMA. Lack of / inadequate office accommodation	<ul style="list-style-type: none"> <li>• Maintain the current interdepartmental SLA.</li> <li>• Revamp / upgrade the existing office accommodation.</li> <li>• Source office accommodation for areas that do not have any.</li> </ul>



## 1.2. Water Resource Management programme

The programme provides for the protection, use, development, conservation, management, and control of water resources.

### 1.2.1 Sub-programmes

**Compliance Monitoring and Enforcement** provides for compliance monitoring and enforcement activities as well as delegated dam safety activities within the water management area.

**Institutions, Stakeholder Engagements and Governance** provides for the establishment and oversight of water management institutions, stakeholder consultation and capacity empowerment.

**Water Resource Planning and Management** develops catchment management strategy; implements resource directed measures; river health, maintenance and restoration of eco-systems as well as geo-hydrology and hydrology monitoring.

**Water Use Authorisation and Registration** provides for the technical processing of water use license applications, manages water use registration as well as verifies and validates water use.

1.2.2 Outcomes, outputs, performance indicators and targets

Outcomes	Outputs	Output indicators	Annual medium-term targets		
			2024/25	2025/26	2026/27
2 Protection and use of water resources	2.1 Water resource management strategy developed	2.1.1 Catchment management strategy developed	Situational assessment of the water management area	Draft catchment management strategy	Catchment management strategy approved
		2.2.1 Percentage compliance with international obligations	≥90%	≥90%	≥90%
		2.2.2 Number of rivers in which the River Eco-status Monitoring Programme is implemented	20	20	20
	2.2.3 Number of river systems monitored for the implementation of resource directed measures	Crocodile West Marico	10	10	10
		Limpopo Main	8	8	8
		Olifants	2	2	2
		Crocodile West Marico	0	0	0
		Limpopo Main	2	2	2
		Olifants	2	2	2
	2.2.4 Number of strategic points monitored for water resource quality	Crocodile West Marico	347	347	347
		Limpopo Main	95	95	95
		Olifants	70	70	70
	2.2.5 Number of strategic points monitored for ground water resource quality	Crocodile West Marico	182	182	182
		Limpopo Main	10	10	10
		Olifants	10	10	10
		Limpopo Main	0	0	0
		Olifants	0	0	0

Outcomes	Outputs	Output indicators	Annual medium-term targets		
			2024/25	2025/26	2026/27
2.3	2.3.1 Enforcement of regulatory compliance	2.2.6 Number of strategic points monitored for ground water resource levels	65	65	65
		Crocodile West Marico	65	65	65
		Limpopo Main	0	0	0
		Olifants	0	65	65
		2.2.7 Waste discharge charge strategy implemented	60%	≥60%	≥60%
	2.3.2 Percentage of approved water use authorisations registered in WARMS	2.3.1 Percentage of applications for water use authorisation processed within applicable period	≥80%	≥80%	≥80%
		2.3.2 Percentage of approved water use authorisations registered in WARMS	≥90%	≥90%	≥90%
		2.3.3 Number of existing water users verified	4 950	4 950	4 950
		Crocodile West Marico	150	150	150
		Limpopo Main	0	0	0
2.3.4 Number of existing water users validated	Olifants	4 800	4 800	4 800	
	Number of existing water users validated	4 950	4 950	4 950	
	Crocodile West Marico	150	150	150	
	Limpopo Main	0	0	0	
	Olifants	4 800	4 800	4 800	
2.3.5 Number of water users monitored for compliance	Number of water users monitored for compliance	143	143	143	
	Percentage of enforcement action taken against non-compliant users	≥80%	≥80%	≥80%	
2.4 Disaster management response	2.4.1 Percentage of pollution incidents responded to within 24hrs of reporting	2.3.6 Percentage of enforcement action taken against non-compliant users	≥80%	≥80%	≥80%
		2.4.1 Percentage of pollution incidents responded to within 24hrs of reporting	≥80%	≥80%	≥80%
		2.4.2 Percentage monitoring of restrictions within the water management area	100%	100%	100%

Outcomes	Outputs	Output indicators	Annual medium-term targets		
			2024/25	2025/26	2026/27
3 Effective and efficient water resource institutions	3.1 Water resource institutions established	3.1.1 Number of irrigation boards transformed into water user associations Limpopo Main Olifants Crocodile West Marico	4	2	2
			0	0	0
			2	1	2
			Loskop	Klaserie	Gouwsberg
			Lower Olifants	-	Eiland
			2	1	-
	3.2 Water resource institutions' compliance implemented	3.2.1 Number of institutional business plans evaluated Limpopo Main Olifants	Hartbeespoort	Derdepoort	-
			Crocodile	-	-
			2	7	8
			0	1	1
			Mokolo WUA	Mokolo WUA	Mokolo WUA
			2	4	5
-	Letaba	Letaba			
-	Lower Blyde WUAs	Lower Blyde WUAs			
Letaba	Loskop	Klaserie			
Lower Blyde WUAs	Lower Olifants	Loskop			
0	2	2			
-	Hartbeespoort	Hartbeespoort			
-	Crocodile	Crocodile			
2	7	8			
3.2.2 Number of institutions assessed per quarter Limpopo Main Olifants	3.2.2 Number of institutions assessed per quarter Limpopo Main Olifants	0	1	1	
		0	1	1	
		Mokolo WUA	Mokolo WUA	Mokolo WUA	
		2	4	5	
		Letaba	Letaba	Letaba	
		Letaba	Letaba	Letaba	

Outcomes	Outputs	Output indicators	Annual medium-term targets		
			2024/25	2025/26	2026/27
			Lower Blyde WUAs	Lower Blyde WUAs	Lower Blyde WUAs
			-	Loskop	Klaserie
			-	Lower Olifants	Loskop
			-	-	Lower Olifants
		Crocodile West Marico	0	2	2
				Hartbeespoort	Hartbeespoort
			2	Crocodile	Crocodile
		3.2.3 Number of institutional annual reports evaluated		7	8
		Limpopo Main	-	-	-
		Olifants	2	-	-
			Letaba	Letaba	Letaba
			Lower Blyde WUAs	Lower Blyde WUAs	Lower Blyde WUAs
			-	Loskop	Loskop
			-	Lower Olifants	Lower Olifants
			-	-	-
			-	-	-
			-	-	-
4	4.1	4.1.1 Stakeholder engagement plan developed	Draft stakeholder engagement plan	Stakeholder engagement plan approved	-
		4.1.1 Stakeholder participation			

**1.2.3 Indicators, annual and quarterly targets per sub-programme**

**1.2.3.1 Compliance Monitoring and Enforcement sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
2.3.6 Percentage of enforcement action taken against non-compliant users	≥80%	≥80%	≥80%	≥80%	≥80%
2.4.1 Percentage of pollution incidents responded to within 24hrs of reporting	≥80%	≥80%	≥80%	≥80%	≥80%
2.4.2 Percentage monitoring of restrictions within the water management area	100%	100%	100%	100%	100%

1.2.3.2 Institutions, Stakeholder Engagements and Governance sub-programme

Output indicators	2024/25 annual targets	Quarterly milestones				
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March	
3.1.1 Number of irrigation boards transformed into water user associations	4	0	0	0	4	
	Crocodile West Marico	-	-	-	2	
		Hartbeespoort	Stakeholder consultation	Evaluation of proposals	Submission of recommendations to delegated authority	Hartbeespoort
		Crocodile Irrigation Board	Stakeholder consultation	Evaluation of proposals	Submission of recommendations to delegated authority	Crocodile Irrigation Board
3.1.1	Limpopo Main	0	0	0	0	
	Olifants	-	-	-	2	
		Loskop	Stakeholder consultation	Evaluation of proposals	Submission of recommendations to delegated authority	Decision by the delegated authority and gazetting of Loskop
3.2.1 Number of institutional annual performance plans evaluated	2	0	0	0	2	
						Crocodile West Marico
	Olifants	Limpopo Main	0	0	0	0
		Letaba	0	0	0	2

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
3.2.2 Number of institutions assessed per quarter	Lower Blyde WUAs	-	-	-	Lower Blyde WUAs
	2	0	0	0	2
	Crocodile West Marico	0	0	0	0
	Limpopo Main	0	0	0	0
	Olifants	2	-	-	2
3.2.3 Number of institutional annual reports evaluated	Letaba	-	-	-	Letaba
	Lower Blyde WUAs	0	0	0	Lower Blyde WUAs
	2	0	0	0	2
	Crocodile West Marico	0	0	0	0
	Limpopo Main	0	0	0	0
4.1.1 Stakeholder engagement plan developed	Olifants	2	0	0	2
	Letaba	-	-	-	Letaba
	Lower Blyde WUAs	-	-	-	Lower Blyde WUAs
	Draft stakeholder engagement plan	Stakeholder analysis	Stakeholder consultations	Communication on the draft stakeholder engagement plan	Draft stakeholder engagement plan



**1.2.3.3 Water Resource Planning and Management sub-programme**

Output indicators	2024/25 annual targets	Quarterly milestones			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
2.1.1 Catchment management strategy developed	Situational assessment of the water management area	Identification of stakeholders	Stakeholder engagement	Stakeholder engagement	Situational assessment of the water management area
2.2.1 Percentage compliance with international obligations	≥90%	≥90%	≥90%	≥90%	≥90%
2.2.2 Number of rivers in which the River Eco-status Monitoring Programme is implemented	20	20	20	20	20
	Crocodile West Marico	10	10	10	10
	Limpopo Main	8	8	8	8
	Olifants	2	2	2	2
2.2.3 Number of river systems monitored for the implementation of resource directed measures	4	2	2	4	2
	Crocodile West Marico	0	0	0	0
	Limpopo Main	2	-	2	-
	Olifants	2	2	2	2
2.2.4 Number of strategic points monitored for water resource quality	347	347	347	347	347
	Crocodile West Marico	95	95	95	95
	Limpopo Main	70	70	70	70
	Olifants	182	182	182	182
2.2.5 Number of strategic points monitored for ground water resource quality	10	10	10	10	10
	Crocodile West Marico	10	10	10	10
	Limpopo Main	0	0	0	0
	Olifants	0	0	0	0

Output indicators	2024/25 annual targets		Quarterly milestones			
			Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
2.2.6 Number of strategic points monitored for ground water resource levels	65					
	Crocodile West Marico	65	65	65	65	65
	Limpopo Main	0	0	0	0	0
	Olifants	0	0	0	0	0
2.2.7 Waste discharge charge strategy implemented	60%		30%	40%	50%	60%

**1.2.3.4 Water Use Authorisation and Registration sub-programme**

Output indicators	2024/25 annual targets		Quarterly milestones			
			Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
2.3.1 Percentage of applications for water use authorisation processed within applicable period	≥80%		≥80%	≥80%	≥80%	≥80%
2.3.2 Percentage of approved water use authorisations registered in WARMS	≥90%		≥90%	≥90%	≥90%	≥90%
2.3.3 Number of existing water users verified	4 950		995	1 571	1 420	964
	Limpopo Main	0	0	0	0	0
	Olifants	4800	960	1536	1380	924
	Crocodile West Marico	150	35	35	40	40
2.3.4 Number of existing water users validated	4 950		995	1 571	1 420	964
	Limpopo Main	0	0	0	0	0
	Olifants	4 800	960	1536	1380	924

Output indicators	2024/25 annual targets		Quarterly milestones			
	Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March		
	Crocodile West Marico	150	35	40	40	
2.3.5 Number of water users monitored for compliance	143		42	43	33	25

#### 1.2.4 Abridged risk management plan for the programme

Link to outcomes	Risk category	Risk Description	Mitigation plans
2 Protection and use of water resources	Environmental Management	Poor water quality and limited water quantity at catchment points	<ul style="list-style-type: none"> <li>monitor catchment raw water quality.</li> <li>communicate the water quality status of the catchments to interested and affected parties.</li> <li>develop and implement measures and strategies to maintain acceptable pollution levels in the catchment system.</li> </ul>
	Regulatory and compliance risk	Impact of climate change and natural disasters on water availability, safety, and future security sustainability within the WMA <ul style="list-style-type: none"> <li>Inadequate implementation of delegated functions and powers</li> <li>Inadequate capacity to implement water resource management functions and delegation of powers as provided in the National Water Act.</li> </ul>	Develop and implement a water quality management plan. <ul style="list-style-type: none"> <li>Develop a delivery agreement between DWS and the LOCMA regarding the timeframes and requirements for the final delegation of functions to the LOCMA.</li> <li>Establish a task team from relevant divisions (CME, WUA and Revenue), and develop terms of reference for non-registration of water use.</li> </ul>
	Governance, Regulatory and Compliance risks	Non-compliance with governance, statutory and regulatory requirements, and prescripts	<ul style="list-style-type: none"> <li>Develop a Catchment Management Strategy to ensure compliance.</li> <li>Conduct planned inspection on authorised and unauthorised water users.</li> </ul>

Link to outcomes	Risk category	Risk Description	Mitigation plans
		<ul style="list-style-type: none"> <li>Non-adherence to legal obligation in complying to environmental legislations.</li> </ul>	
3	Socio-economic risk	Inability to drive transformation in the water sector in the catchment with a particular focus on redress and meeting the needs of poor communities.	<ul style="list-style-type: none"> <li>Implement LOCMA transformation interventions (e.g. promote the allocation of water to HDIs including financial assistance).</li> <li>Develop and implement a LOCMA water allocation reform plan</li> </ul>
4	Stakeholder management	Ineffective stakeholder participation	Develop and implement a LOCMA stakeholder engagement plan

## **12. Explanation of planned performance over the planning period**

The finalisation of the legislative revisions within the water resources and water services environment is an essential enabler for the Department's performance. The completion of these revisions is planned over the medium-term and the other plans are summarised below:

### **12.1 Administration programme**

### **12.2 Water Resource Management programme**

## PART D: TECHNICAL INDICATOR DESCRIPTIONS

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**1. Administration Programme**  
**1.1. Office of the Chief Executive sub-programme**

**PPI no 1.1.1: Number of financial policies approved**

<b>Indicator title</b>	Number of financial policies approved							
<b>Definition</b>	This monitors the extent in which the organisational financial policies are developed and finalised within a given period.							
<b>Source of data</b>	The following will be used: <ul style="list-style-type: none"> <li>Literature review process</li> <li>Consultation sessions</li> <li>Draft policies</li> </ul>							
<b>Method of calculation / assessment</b>	This will be the actual number of approved financial policies							
<b>Means of verification</b>	Approved financial policies							
<b>Assumptions</b>	The policies will be in line with the organisation's vision							
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable							
<b>Spatial transformation (where applicable)</b>	Not applicable							
<b>Calculation type</b>	Cumulative							
<b>Reporting cycle</b>	Quarterly							
<b>Desire performance</b>	5 policies approved as follows: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Asset management</td> <td>Financial management</td> </tr> <tr> <td>Management accounting</td> <td>Revenue management</td> </tr> <tr> <td>Supply chain management</td> <td></td> </tr> </table>		Asset management	Financial management	Management accounting	Revenue management	Supply chain management	
Asset management	Financial management							
Management accounting	Revenue management							
Supply chain management								
<b>Indicator responsibility</b>	Chief Executive							

**PPI no 1.1.2: Number of human resource policies approved.**

<b>Indicator title</b>	Number of human resource policies approved	
<b>Definition</b>	This monitors the extent in which the organisational human resource policies are developed and finalised within a given period.	
<b>Source of data</b>	The following will be used: <ul style="list-style-type: none"> <li>Literature review process</li> <li>Consultation sessions</li> <li>Draft policies</li> </ul>	
<b>Method of calculation / assessment</b>	This will be the actual number of approved human resource policies	
<b>Means of verification</b>	Approved human resource policies	
<b>Assumptions</b>	The policies will be in line with the organisation's vision	
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable	
<b>Spatial transformation (where applicable)</b>	Not applicable	
<b>Calculation type</b>	Cumulative	
<b>Reporting cycle</b>	Quarterly	
<b>Desire performance</b>	5 policies	
<b>Indicator responsibility</b>	Chief Executive	

## 1.2. Financial Management sub-programme

### PPI no 1.2.1: Percentage of targeted procurement budget spent on SMMEs.

Indicator title	Percentage of targeted procurement budget spent on SMMEs								
Definition	This measures the extent in which the organisation empowers qualifying small, medium, and micro enterprises through the procurement of goods and services								
Source of data	Supply chain database								
Method of calculation / assessment	If the actual procurement from an SMME is given the value "x" and the total procurement is given the value "y"; the formula is as follows:  $r\% = \frac{x}{y} \times 100$								
Means of verification	Payment reports to SMMEs for the reporting period								
Assumptions	An SMME is defined in line with the National Small Enterprise Act, 2019 as amended								
Disaggregation of beneficiaries (where applicable)	The following targets for designated groups  <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Designated group</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>Women</td> <td>40%</td> </tr> <tr> <td>Youth</td> <td>30%</td> </tr> <tr> <td>People with disabilities</td> <td>7%</td> </tr> </tbody> </table>	Designated group	Target	Women	40%	Youth	30%	People with disabilities	7%
Designated group	Target								
Women	40%								
Youth	30%								
People with disabilities	7%								
Spatial transformation (where applicable)	Not applicable								
Calculation type	Non-cumulative								
Reporting cycle	Quarterly								
Desire performance	40%								
Indicator responsibility	Finance and Corporate Services								

### PPI no 1.3.1: Debtors' payment days

Indicator title	Debtors' payment days
Definition	This measures the extent in which the organisation reduces the outstanding debts within a given financial year from the various sectors
Source of data	<ul style="list-style-type: none"> <li>• Age analysis</li> <li>• Billing report</li> <li>• Impairment</li> </ul>
Method of calculation / assessment	The formula is as follows.  $\text{Debtor days} = \frac{\text{trade debtors} - \text{impairment sales (billing)}}{\text{number of days in financial year (as at reporting period)}}$
Means of verification	Debtor days report
Assumptions	Availability of information and documentation
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desire performance	150 days for the various sectors
Indicator responsibility	Finance and Corporate Services



**PPI no 1.3.2: Creditors' payment days**

<b>Indicator title</b>	<b>Creditors' payment days</b>
<b>Definition</b>	This measures the extent in which the organisation pays its creditors in line with the regulatory prescripts
<b>Source of data</b>	The following will be used. <ul style="list-style-type: none"> <li>• Invoice register.</li> <li>• Payment report(s)</li> </ul>
<b>Method of calculation / assessment</b>	If the number of valid invoices is given the value "x" and the total number of valid invoices due for payment is given the value "y"; the formula is as follows: $\text{Creditor payment days} = \frac{x}{y} \times 100$
<b>Means of verification</b>	The payment document (indicating payment number and date)
<b>Assumptions</b>	A valid invoice is one with no queries. If there are queries the invoice will not be included in the calculations.
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	30 days
<b>Indicator responsibility</b>	Finance and Corporate Services

**PPI no 1.3.3: Current ratio**

<b>Indicator title</b>	<b>Current ratio</b>
<b>Definition</b>	This measures the extent the organisation maintains a positive balance within a given period.
<b>Source of data</b>	The following will be used: <ul style="list-style-type: none"> <li>• Liabilities – payables</li> <li>• Current assets</li> <li>• Accruals</li> </ul>
<b>Method of calculation / assessment</b>	The formula is as follows: $\text{Current ratio} = \frac{\text{current assets}}{\text{current liabilities}}$
<b>Means of verification</b>	The following will be used: <ul style="list-style-type: none"> <li>• Asset register</li> <li>• Bank statements.</li> <li>• Commitments</li> </ul>
<b>Assumptions</b>	Current assets are calculated net of depreciation.
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	A positive ratio of $\geq 1:1$
<b>Indicator responsibility</b>	Finance and Corporate Services

**PPI no 1.3.4: Percentage of debt collection ratio: toxic debt book**

Indicator title	Percentage of debt collection ratio: toxic debt book
Definition	This measures the extent the organisation recovers debt from the toxic debt. This part of the debt is reported as outstanding for a period greater than 180 days. The debt is made up of both active and closed / cancelled accounts.
Source of data	The financial record will be maintained
Method of calculation / assessment	If the number of recovered debts from toxic book is given the value "x" and the total of toxic book balance is given the value "y"; the formula is as follows: $\% \text{ of debt collection ratio} = \frac{x}{y} \times 100$
Means of verification	Payment reports and general ledger
Assumptions	Reliable financial records are available
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desire performance	6% of debt collection ratio: toxic debt book
Indicator responsibility	Finance and Corporate Services

**PPI no 1.3.5: Number of finance business processes developed.**

Indicator title	Number of finance business processes developed	
Definition	This monitors the extent in which the organisational financial business processes are developed within a given period.	
Source of data	The approved policies will be used	
Method of calculation / assessment	This will be the actual number of approved financial processes developed	
Means of verification	The approved policies will be used	
Assumptions	The financial policies will inform the business processes	
Disaggregation of beneficiaries (where applicable)	Not applicable	
Spatial transformation (where applicable)	Not applicable	
Calculation type	Cumulative	
Reporting cycle	Quarterly	
Desire performance	5	
	Asset management	Financial management
	Management accounting	Revenue management
	Supply chain management	
Indicator responsibility	Finance and Corporate Services	

### 1.3. Corporate Support Services sub-programme

#### *PPI no 1.1.3: Communication strategy developed*

Indicator title	Communication strategy developed
Definition	This measures the process of developing the communications strategy for the organisation.
Source of data	The organisational strategic and annual performance plans
Method of calculation / assessment	This will be the approved communications strategy
Means of verification	Approved communications strategy for the Mzimvubu-Tsitsikamma catchment management agency
Assumptions	Adequate human and financial resources
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desire performance	Draft communication strategy developed
Indicator responsibility	Finance and Corporate Services

#### *PPI no 1.1.4: ICT strategy developed*

Indicator title	ICT strategy developed
Definition	This measures the process of developing the ICT strategy for the organisation.
Source of data	The organisational strategic and annual performance plans
Method of calculation / assessment	This will be the approved ICT strategy
Means of verification	Approved ICT strategy for the Mzimvubu-Tsitsikamma catchment management agency
Assumptions	Adequate human and financial resources
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desire performance	Draft ICT strategy developed
Indicator responsibility	Finance and Corporate Services

#### *PPI no 1.4.1: Number of HR business processed developed.*

Indicator title	Number of HR business processed developed
Definition	This monitors the extent in which the organisational human resource business processes are developed within a given period.
Source of data	Human resource policies
Method of calculation / assessment	This will be the actual number of human resource processes developed
Means of verification	Approved human resource business processes catchment management agency
Assumptions	The human resource policies will be approved
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desire performance	5 human resource business processed developed.
Indicator responsibility	Finance and Corporate Services

**PPI no 1.4.2: Percentage of vacant positions filled.**

Indicator title	Percentage of vacant positions filled
Definition	This measures the extent in which the organisation fills its vacant positions within a given period
Source of data	A list of vacant and filled positions will be maintained
Method of calculation / assessment	If the number of filled positions is given the value "x" and the total number of vacant positions is given the value "y"; the formula is as follows: $\% \text{ of vacant positions filled} = \frac{x}{y} \times 100$
Means of verification	Vacancy rate report
Assumptions	Acceptance letters
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desire performance	80%
Indicator responsibility	Finance and Corporate Services

**1.4. Risk and Compliance Management sub-programme.**

**PPI no 1.1.5: Strategic risk register**

Indicator title	Strategic risk register developed
Definition	This measures the process of developing the strategic risk for the organisation.
Source of data	The organisational strategic and annual performance plans
Method of calculation / assessment	This will be the approved strategic risk register
Means of verification	Approved strategic risk register for the Mzimvubu-Tsitsikamma catchment management agency
Assumptions	Adequate human and financial resources
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desire performance	Draft strategic risk register developed
Indicator responsibility	Risk and Compliance Management

**1.5. Internal Audit sub-programme**

**PPI no 1.1.6: Audit plan developed**

Indicator title	Audit plan developed
Definition	This measures the process of developing the audit plan for the organisation.
Source of data	The organisational strategic and annual performance plans
Method of calculation / assessment	This will be the approved audit plan
Means of verification	Approved audit plan for the Mzimvubu Tsitsikamma catchment management agency
Assumptions	Adequate human and financial resources
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Cumulative
Reporting cycle	Quarterly
Desire performance	Draft audit plan developed
Indicator responsibility	Internal Audit

**2. Water Resource Management Programme**  
**2.1. Compliance Monitoring and Enforcement sub-programme**

**PPI no 2.3.5: Number of water users monitored for compliance.**

<b>Indicator title</b>	Number of water users monitored for compliance
<b>Definition</b>	This measures the compliance of water users with legislation, standards, water use entitlements and regulations within the water management area.  The water users fall within the public, mining, industry, government, agriculture, and forestry sectors.  The monitoring can either be an inspection or an audit of the water user.
<b>Source of data</b>	Water use entitlements and compliance inspection reports with scorecards completed and uploaded in the National Compliance Monitoring System (NCIMS).  Compliance inspection reports are either initial compliance inspection, partial compliance inspection or follow-up compliance inspection reports. These reports are completed as per NCIMS template and include the copy of authorisation, score sheet (number of conditions complied or not complied to calculate % compliance).
<b>Method of calculation / assessment</b>	This is the actual number of water user's compliance evaluations conducted within the financial year
<b>Means of verification</b>	<ul style="list-style-type: none"> <li>Compliance inspection reports on NCIMS.</li> <li>Compliance verification against conditions of authorisation.</li> </ul>
<b>Assumptions</b>	Data availability and credible information
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	143 Water users monitored for compliance
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.3.6: Percentage of enforcement actions taken against non-compliant users.**

<b>Indicator title</b>	Percentage of enforcement actions taken against non-compliant users
<b>Definition</b>	This measures the monitoring and enforcement capacity of the organisation taken against non-compliant water users.  An enforcement action can be administrative (i.e. notices or directives) or a criminal case or legal for civil action (i.e. interdict or contempt of court application)
<b>Source of data</b>	The inspection / audit reports / reported cases captured in Enforcement Case Management System.
<b>Method of calculation / assessment</b>	If the number enforcement actions is given the value "x" and the total number of enforcement actions that had to be undertaken within the water management area is given the value "y"; the formula is as follows:  $\% \text{ of enforcement actions taken} = \frac{x}{y} \times 100$
<b>Means of verification</b>	This will be the notices, directives, interdicts, and criminal cases taken against the water users in the water management area
<b>Assumptions</b>	Data availability and credible information
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	≥80% enforcement actions taken against non-compliant users
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.4.1: Percentage of pollution incidents responded to within 24 hours of reporting.**

<b>Indicator title</b>	Percentage of pollution incidents responded to within 24 hours of reporting
<b>Definition</b>	This measures the extent in which the organisation deals with pollution incidents in the water management area to protect the water resources
<b>Source of data</b>	A database of pollution incidents
<b>Method of calculation / assessment</b>	If the number reported pollution incidents is given the value "x" and the total number of pollution incidents to deal with in the water management area is given the value "y"; the formula is as follows:  $\% \text{ of pollution incidents responded to} = \frac{x}{y} \times 100$
<b>Means of verification</b>	This will be the investigation reports
<b>Assumptions</b>	Adequate human and financial resources to respond within 78 hours will be available.
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	≥80% pollution incidents responded to within 78 hours of reporting
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.4.2: Percentage monitoring of restrictions within the water management area**

<b>Indicator title</b>	Percentage monitoring of restrictions within the water management area
<b>Definition</b>	This measures the extent in the water users with the restrictions on water abstractions based on the drought conditions.
<b>Source of data</b>	Water storage data for water supply systems
<b>Method of calculation / assessment</b>	If the actual number of water use sectors monitored for compliance with restrictions is given the value "x" and the total number of water use sectors with restriction in the water management area is given the value "y"; the formula is as follows:  $\% \text{ monitoring of restrictions within the WMA} = \frac{x}{y} \times 100$
<b>Means of verification</b>	This will be the reports on the monitoring of water use restrictions in the water management area.
<b>Assumptions</b>	Adequate human and financial resources to monitor the water use restrictions
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	100%
<b>Indicator responsibility</b>	Water Resource Management

## 2.2. Institutions, Stakeholder Engagement and Governance sub-programme

### PPI no 3.1.3: Number of irrigation boards transformed into water user associations.

<b>Indicator title</b>	Number of irrigation boards transformed into water user associations		
<b>Definition</b>	This measures the extent of the organisation in transforming irrigation boards within the water management area into water user associations.		
<b>Source of data</b>	Proposals and constitutions of Irrigation boards to be transformed		
<b>Method of calculation / assessment</b>	The roadmap and implementation plan on the transformation of Irrigation Boards and the review of constitutions and proposals for the 4 irrigation boards		
<b>Means of verification</b>	Status report(s) on transformation of respective irrigation boards		
<b>Assumptions</b>	Cooperation from the irrigation boards		
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable		
<b>Spatial transformation (where applicable)</b>	Not applicable		
<b>Calculation type</b>	Non-cumulative		
<b>Reporting cycle</b>	Quarterly		
<b>Desire performance</b>	4		
	Limpopo Main	0	0
	Crocodile Marico West	Hartebeespoort Irrigation Board	Crocodile Irrigation Board
	Olifants	Loskop	Lower Olifants
<b>Indicator responsibility</b>	Water Resource Management		

### PPI no 3.2.4: Number of institutional Business plans evaluated.

<b>Indicator title</b>	Number of institutional Business plans evaluated		
<b>Definition</b>	This measures the compliance of institutions within the water management area to provide the Executive Authority with their business plans in line with the National Water Act.		
<b>Source of data</b>	Water institutions' business plans		
<b>Method of calculation / assessment</b>	Number of business plan appraisals conducted		
<b>Means of verification</b>	This will be the business plan appraisals conducted		
<b>Assumptions</b>	The water institutions will submit business plan plans on time		
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable		
<b>Spatial transformation (where applicable)</b>	Not applicable		
<b>Calculation type</b>	Non-cumulative		
<b>Reporting cycle</b>	Quarterly		
<b>Desire performance</b>	2 institutional business plans evaluated.		
	Limpopo Main	0	0
	Crocodile Marico West	0	0
	Olifants	Loskop	Lower Olifants
<b>Indicator responsibility</b>	Water Resource Management		

**PPI no 3.2.2: Number of institutions assessed per quarter**

<b>Indicator title</b>	Number of institutions assessed per quarter		
<b>Definition</b>	This measures the compliance of institutions within the water management area to provide the Executive Authority with their quarterly reports in line with the National Water Act.		
<b>Source of data</b>	Water institutions' quarterly reports		
<b>Method of calculation / assessment</b>	Number of performance assessments/appraisals conducted		
<b>Means of verification</b>	This will be the performance assessments / appraisals conducted		
<b>Assumptions</b>	The water institutions will submit their quarterly on time		
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable		
<b>Spatial transformation (where applicable)</b>	Not applicable		
<b>Calculation type</b>	Non-cumulative		
<b>Reporting cycle</b>	Quarterly		
<b>Desire performance</b>	2 institutional quarterly reports assessed		
	Limpopo Main	0	0
	Crocodile Marico West	0	0
	Olifants	Loskop	Lower Olifants
<b>Indicator responsibility</b>	Water Resource Management		

**PPI no 3.2.3: Number of institutional annual reports evaluated**

<b>Indicator title</b>	Number of institutional annual reports evaluated		
<b>Definition</b>	This measures the compliance of institutions within the water management area to provide the Executive Authority with their annual reports in line with the National Water Act.		
<b>Source of data</b>	Water institutions' annual reports		
<b>Method of calculation / assessment</b>	Number of performance assessments/appraisals conducted		
<b>Means of verification</b>	This will be the performance assessments / appraisals conducted		
<b>Assumptions</b>	The water institutions will submit their annual on time		
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable		
<b>Spatial transformation (where applicable)</b>	Not applicable		
<b>Calculation type</b>	Non-cumulative		
<b>Reporting cycle</b>	Quarterly		
<b>Desire performance</b>	2 institutional annual reports assessed		
	Limpopo Main	0	0
	Crocodile Marico West	0	0
	Olifants	Loskop	Lower Olifants
<b>Indicator responsibility</b>	Water Resource Management		



**PPI no 4.1.1: Stakeholder engagement plan developed**

<b>Indicator title</b>	Stakeholder engagement plan developed
<b>Definition</b>	This monitors the process of developing the stakeholder engagement for the water management area
<b>Source of data</b>	The following will be used <ul style="list-style-type: none"> <li>• Stakeholder identification and expectation document</li> <li>• Stakeholder communication plan</li> </ul>
<b>Method of calculation / assessment</b>	This will be the approved stakeholder engagement plan
<b>Means of verification</b>	Approved stakeholder engagement plan for the Vaal-Orange water management area
<b>Assumptions</b>	Adequate human and financial resources
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	Limpopo Olifants Stakeholder engagement plan approved
<b>Indicator responsibility</b>	Water Resource Management

### 2.3. Water Resource Planning and Management sub-programme

**PPI no 2.1.5: Catchment management strategy developed.**

<b>Indicator title</b>	Catchment management strategy developed
<b>Definition</b>	This measures the process of developing the catchment management strategy for the water management area in line with the National Water Act
<b>Source of data</b>	The following will be used. <ul style="list-style-type: none"> <li>• Water resource classes and resource quality objective</li> <li>• Water allocation plan</li> <li>• Stakeholder consultations</li> <li>• Reconciliation Strategies</li> <li>• ISP's</li> </ul>
<b>Method of calculation / assessment</b>	This will be the draft situation assessment that will inform the catchment management strategy
<b>Means of verification</b>	Situational assessment report for the LOCMA water management area
<b>Assumptions</b>	Stakeholder cooperation
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	Situational assessment for the Limpopo Olifants water management area
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.2.1: Percentage compliance with international obligations**

<b>Indicator title</b>	Percentage compliance with international obligations
<b>Definition</b>	This measures the extent in which South Africa meets its international obligations with neighbouring countries sharing water resources with the water management area
<b>Source of data</b>	The international obligations will be used
<b>Method of calculation / assessment</b>	If the number international obligations complied with is given the value "x" and the total number of international obligations for the water management area is given the value "y"; the formula is as follows:  $\% \text{ compliance with international obligations} = \frac{x}{y} \times 100$
<b>Means of verification</b>	This will be the reports on the compliance level
<b>Assumptions</b>	Data availability and credible information
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	≥90% compliance with international obligations
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.2.2: Number of rivers in which the River Eco-status Monitoring Programme is implemented.**

<b>Indicator title</b>	Number of rivers in which the River Eco-status Monitoring Programme is implemented						
<b>Definition</b>	This monitors the number of river systems in which the system's ecological health is measured for the water management area						
<b>Source of data</b>	A database of river eco-status indicators is maintained.						
<b>Method of calculation / assessment</b>	This will be the number of river systems as specified						
<b>Means of verification</b>	SASS forms for Limpopo Olifants water management area						
<b>Assumptions</b>	Adequate human and financial resources available						
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable						
<b>Spatial transformation (where applicable)</b>	Not applicable						
<b>Calculation type</b>	Non-cumulative						
<b>Reporting cycle</b>	Quarterly						
<b>Desire performance</b>	20 River systems in which the River Eco-status Monitoring Programme implemented. <table border="1" style="margin-left: 20px;"> <tr> <td>Crocodile West Marico</td> <td>10</td> </tr> <tr> <td>Limpopo</td> <td>8</td> </tr> <tr> <td>Olifants</td> <td>2</td> </tr> </table>	Crocodile West Marico	10	Limpopo	8	Olifants	2
Crocodile West Marico	10						
Limpopo	8						
Olifants	2						
<b>Indicator responsibility</b>	Water Resource Management						

**PPI no 2.2.3: Number of river systems monitored for the implementation of resource directed measures.**

<b>Indicator title</b>	Number of river systems monitored for the implementation of resource directed measures		
<b>Definition</b>	This monitors the river systems in which resource directed measures have been implemented		
<b>Source of data</b>	Data will be obtained from the various monitoring systems in place of which the water management system will be the main source		
<b>Method of calculation / assessment</b>	The river systems in which RDMs are implemented will be monitored and assessed against the desired water quality outcomes of the individual systems		
<b>Means of verification</b>	Reports on the river systems monitored		
<b>Assumptions</b>	Adequate human and financial resources available		
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable		
<b>Spatial transformation (where applicable)</b>	See details below		
<b>Calculation type</b>	Non-cumulative		
<b>Reporting cycle</b>	Quarterly		
<b>Desire performance</b>	4 River systems monitored for the implementation of resource directed measures.		
	Crocodile West Marico	0	0
	Limpopo	Mokolo	Matlabas
	Olifants	Letaba	Olifants
<b>Indicator responsibility</b>	Water Resource Management		

**PPI no 2.2.4: Number of strategic points monitored for water resource quality**

<b>Indicator title</b>	Number of strategic points monitored for water resource quality		
<b>Definition</b>	This monitors the strategic points in river systems to understand the water quality status of the resource.		
<b>Source of data</b>	A database is maintained.		
<b>Method of calculation / assessment</b>	This will be the number of points monitored at different river systems		
<b>Means of verification</b>	Certificates and/or inspection Reports field when conducting monitoring		
<b>Assumptions</b>	Adequate human and financial resources available		
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable		
<b>Spatial transformation (where applicable)</b>	Not applicable		
<b>Calculation type</b>	Non-cumulative		
<b>Reporting cycle</b>	Quarterly		
<b>Desire performance</b>	347 Sampling sites		
	Crocodile West Marico	95	
	Limpopo Main	70	
	Olifants	182	
<b>Indicator responsibility</b>	Water Resource Management		

**PPI no 2.2.5: Number of strategic points monitored for ground water resource quality**

<b>Indicator title</b>	Number of strategic points monitored for ground water resource quality
<b>Definition</b>	This monitors the groundwater points to understand the groundwater quality status of the resource
<b>Source of data</b>	A database is maintained (WMS)
<b>Method of calculation / assessment</b>	This will be the number of groundwater quality points monitored
<b>Means of verification</b>	Laboratory submission forms and sample analysis certificates
<b>Assumptions</b>	Accurate and updated information in the databases
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	10 Strategic points for ground water levels
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.2.6: Number of strategic points monitored for ground water resource levels**

<b>Indicator title</b>	Number of strategic points monitored for ground water resource levels
<b>Definition</b>	This monitors the groundwater points to understand the groundwater level trends of the resource
<b>Source of data</b>	A database is maintained (HYDSTRA and NGA))
<b>Method of calculation / assessment</b>	This will be the number of groundwater quality points monitored
<b>Means of verification</b>	Completed groundwater level field sheets
<b>Assumptions</b>	Accurate and updated information in the databases
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	65 Strategic points for ground water levels
<b>Indicator responsibility</b>	Water Resource Management

**PPI no 2.2.7: Waste discharge charge strategy implemented.**

<b>Indicator title</b>	Waste discharge charge strategy implemented
<b>Definition</b>	This monitors the implementation of the waste discharge charge system in the water management area
<b>Source of data</b>	WMS and WARMS
<b>Method of calculation / assessment</b>	Implementation of the waste discharge charge system in the water management area
<b>Means of verification</b>	Report indicating the implementation of the waste discharge charge system in the WMA
<b>Assumptions</b>	Accurate and updated information in the databases
<b>Disaggregation of beneficiaries (where applicable)</b>	Not applicable
<b>Spatial transformation (where applicable)</b>	Not applicable
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Quarterly
<b>Desire performance</b>	60% waste discharge charge strategy implemented <ul style="list-style-type: none"> <li>• Limpopo: 0</li> <li>• Crocodile West Marico: 60%</li> <li>• Olifants: 60%</li> </ul>
<b>Indicator responsibility</b>	Water Resource Management

## 2.4. Water Use Authorisation and Registration sub-programme

### PPI no 2.3.6: Percentage of applications for water use authorisation processed within applicable period.

Indicator title	Percentage of applications for water use authorisation processed within applicable period
Definition	This monitors the extent to which the organisation processes applications for water authorisations within the applicable 90 working days of receipt of a complete application
Source of data	A list of water use license applications is maintained
Method of calculation / assessment	If the actual number of applications for water use authorisation processed within the applicable period is provided the value "x" and the total number of received applications acknowledged as complete that should be processed within the applicable period is given the value "y" the formula is as follows:  $\% \text{ of applications for water use authorisation processed} = \frac{x}{y} \times 100$
Means of verification	<ul style="list-style-type: none"> <li>Application forms or proof of payment or acknowledgement letter of application,</li> <li>Decision document (i.e., decline letter, withdrawal letter, closure letter and confirmation of a general authorisation or schedule 1)</li> </ul>
Assumptions	<ul style="list-style-type: none"> <li>Acknowledgement letter of application and decision document</li> <li>Exclusion: The period 15 December to 05 January in any given financial year is excluded from the applicable number of days as the department is inactive</li> </ul>
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desire performance	≥80% applications for water use authorisation processed within applicable period
Indicator responsibility	Water Resource Management

### PPI no 2.3.2: Percentage of approved water use authorisations registered in WARMS.

Indicator title	Percentage of approved water use authorisations registered in WARMS
Definition	This monitors the organisation's efficiency in registering the approved water use authorisations in WARMS
Source of data	Approved water use authorisations
Method of calculation / assessment	If the actual number of registered water use authorisation in WARMS is provided the value "x" and the total number of approved water use authorisation in the water management area is given the value "y" the formula is as follows:  $\% \text{ of approved water use authorisations registered in WARMS} = \frac{x}{y} \times 100$
Means of verification	Approved water use authorisations registered in WARMS
Assumptions	The approved applications will be registered within 72 hours of receipt
Disaggregation of beneficiaries (where applicable)	Not applicable
Spatial transformation (where applicable)	Not applicable
Calculation type	Non-cumulative
Reporting cycle	Quarterly
Desire performance	≥90% approved water use authorisations registered in WARMS
Indicator responsibility	Water Resource Management

### PPI no 2.3.3: Number of existing water users verified

Indicator title	Number of existing water users verified
Definition	This monitors the number of verified water users' extent of lawfulness

Source of data	WARMS, deeds office, remote sensing, schedules of water use and proclamations						
Method of calculation / assessment	This will be the number of verified properties in the water management area						
Means of verification	List of verified properties						
Assumptions	<ul style="list-style-type: none"> <li>All water users have registered their water use and those who have not registered will avail themselves during stakeholder consultations.</li> <li>Stakeholders buy-in</li> <li>Legal challenges will be dealt with</li> </ul>						
Disaggregation of beneficiaries (where applicable)	Not applicable						
Spatial transformation (where applicable)	Not applicable						
Calculation type	Cumulative						
Reporting cycle	Quarterly						
Desire performance	4 950 Existing water users verified <table border="1" data-bbox="691 607 1441 703"> <tr> <td>Crocodile West Marico</td> <td>150</td> </tr> <tr> <td>Limpopo Main</td> <td>0</td> </tr> <tr> <td>Olifants</td> <td>4 800</td> </tr> </table>	Crocodile West Marico	150	Limpopo Main	0	Olifants	4 800
Crocodile West Marico	150						
Limpopo Main	0						
Olifants	4 800						
Indicator responsibility	Water Resource Management						

**PPI no 2.3.4: Number of existing water users validated.**

Indicator title	Number of existing water users validated						
Definition	<p>This monitors the number of validated water users' extent of lawfulness.</p> <p>Validation is a technical step that precedes the verification process. This is aimed at confirming how much water was used in the qualifying period by using certain procedures, systems, and data. The information is collated from different sources, including WARMS and field surveys information, as well as remote sensing methods like satellite imagery, aerial photography, ortho photographs, and topo-cadastral maps. Verification is a legal process to determine the extent of existing lawful water use</p>						
Source of data	WARMS, deeds office, remote sensing, schedules of water use and proclamations						
Method of calculation / assessment	This will be the number of verified properties in the water management area						
Means of verification	List of validated properties						
Assumptions	<ul style="list-style-type: none"> <li>All water users have registered their water use and those who have not registered will avail themselves during stakeholder consultations.</li> <li>Stakeholders buy-in</li> <li>Legal challenges will be dealt with</li> </ul>						
Disaggregation of beneficiaries (where applicable)	Not applicable						
Spatial transformation (where applicable)	Not applicable						
Calculation type	Cumulative						
Reporting cycle	Quarterly						
Desire performance	4 950 existing water users validated <table border="1" data-bbox="691 1514 1441 1610"> <tr> <td>Crocodile West Marico</td> <td>150</td> </tr> <tr> <td>Limpopo Main</td> <td>0</td> </tr> <tr> <td>Olifants</td> <td>4 800</td> </tr> </table>	Crocodile West Marico	150	Limpopo Main	0	Olifants	4 800
Crocodile West Marico	150						
Limpopo Main	0						
Olifants	4 800						
Indicator responsibility	Water Resource Management						

**PART E: ANNEXURES**

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**Water Resource Management Programme**

**Compliance Monitoring and Enforcement sub-programme**

**PPI no 2.3.5. Number of water users monitored for compliance**

Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter				
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March	
Mining Sector Limpopo Main	13	DMI Minerals South Africa Pty Ltd;	4	3	3	3
	DMI Minerals South Africa Pty Ltd;	DMI Minerals South Africa Pty Ltd;	-	-	-	-
	Exxaro Resources Ltd; Tshikondeni Mine	Exxaro Resources Ltd; Tshikondeni Mine	-	-	-	-
	Grootegeluk Exxaro;	Thabametsi;	-	Grootegeluk Exxaro;	-	-
	Vele colliery Mine	Vele colliery Mine	-	-	-	-
	De Beers Consolidated Mines; Venetia Mine	-	De Beers Consolidated Mines; Venetia Mine	-	-	-
	Grasvalley Chrome Mine (pty) Ltd	-	Grasvalley Chrome Mine (pty) Ltd	-	-	-
	Lediadja Coal (Pty)Ltd Boikarabelo Coal Mine	-	Lediadja Coal (Pty)Ltd Boikarabelo Coal Mine	-	-	-
	Tivani Mine (Pty) Ltd;	-	Tivani Mine (Pty) Ltd;	-	-	-
	Anglo American Platinum Limited; Mogalakwena Mine	-	-	Anglo American Platinum Limited; Mogalakwena Mine	-	-
	Ivanplats PRY LTD	-	-	Ivanplats Pty LTD	-	-
	Nkgapu Resources & Exploration (Pty) Ltd; Muila Minerals	-	-	Nkgapu Resources & Exploration (Pty) Ltd; Muila Minerals	-	-
	Lephalale Coal Concessions (Pty) Ltd	-	-	Lephalale Coal Concessions (Pty) Ltd	-	-
12	3	3	3	3	3	
Crocodile West Marico	Bakgatla Ba Kgafela Investment and Resources	Bakgatla Ba Kgafela Investment and Resources	-	-	-	-
	Rustenburg Platinum Mine-Amandabuit Section	Rustenburg Platinum Mine-Amandabuit Section	-	-	-	-
	Afrisam South Africa Properties (PTY)Ltd	Afrisam South Africa Properties (PTY)Ltd	-	-	-	-
	AfriSam Ferro Quarry	AfriSam Ferro Quarry	-	-	-	-
	Pandora Platinum Mine	-	Pandora Platinum Mine	-	-	-



Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
Olifants	Samancor Chrome Limited: Elandsdrift Section	-	Samancor Chrome Limited: Elandsdrift Section	-	-
	Rustenburg Platinum Mine (Tumela 15 East Dropdown and Ditshaba 62 East Raisebore)	-	Rustenburg Platinum Mine (Tumela 15 East Dropdown and Ditshaba 62 East Raisebore)	-	-
	Tharisa Minerals	-	-	Tharisa Minerals	-
	Evraz Vametco Alloys	-	-	Evraz Vametco Alloys	-
	Royal Bafokeng Platinum Mine	-	-	Royal Bafokeng Platinum Mine	-
	Sky chrome mining	-	-	-	Sky chrome mining
	Crominent Chrome Mining SA (pty) Ltd	-	-	-	Crominent Chrome Mining SA (pty) Ltd
	Thaba chrome mine opencast and underground operations	-	-	-	Thaba chrome mine opencast and underground operations
	Sibanye Stillwater	-	-	-	Sibanye Stillwater
	Kroondal Operations (pty)Ltd	-	-	-	Kroondal Operations (pty)Ltd
	21	8	6	5	2
	Phokathaba Mine	Phokathaba	-	-	-
	Manungu Colliery	Manungu Colliery	-	-	-
	Zibulo Colliery	Zibulo Colliery	-	-	-
	Goedehoop Coal Mine	Goedehoop Coal	-	-	-
	Phalanndwa Canyon	Phalanndwa	-	-	-
	Ubuntu Colliery	Ubuntu Colliery	-	-	-
	New Clydesdale Colliery	New Clydesdale Colliery	-	-	-
	Canyon Coal	Canyon Coal	-	-	-
	Greenside Colliery	-	Greenside Colliery	-	-
	Dwarsrivier Mine	-	Dwarsrivier Mine	-	-
Booyensdal North Mine	-	Booyensdal North	-	-	
Lannex Samancor Mine	-	Lannex Samancor	-	-	
Lwala Samancor Mine	-	Lwala Samancor	-	-	
Nkwe Mine (Garatau)	-	Nkwe Mine (Garatau)	-	-	
Tyweflaar Chrome Mine	-	-	Tyweflaar Chrome Mine	-	
Two Rivers Platinum mine	-	-	Two Rivers Platinum mine	-	
Modikwa Mine	-	-	Modikwa Mine	-	
Samancor Tweefontein	-	-	Samancor Tweefontein	-	
Marula Platinum	-	-	Marula Platinum	-	
Spitskop Mine	-	-	-	Spitskop Mine	
Sefateng Mine	-	-	-	Sefateng Mine	

Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
Agriculture (Irrigation Sector )	31	10	11	5	5
Limpopo Main					
	Cattle Connexions (Pty) Ltd	Cattle Connexions (Pty) Ltd	-	-	-
	Greenway Farms Property Ltd (Ptn 0 & 1 Kafferskraal 168KR)	-	Greenway Farms Property Ltd (Ptn 0 & 1 Kafferskraal 168KR)	-	-
	Greenway Farms Property Ltd (Ptn 3 & 5 Bokpoort 312KR)	-	Greenway Farms Property Ltd (Ptn 3 & 5 Bokpoort 312KR)	-	-
	Overvlaakte Eiendom (Pty) Ltd (Land parcel 125 of Minor Region	-	-	-	Overvlaakte Eiendom (Pty) Ltd (Land parcel 125 of Minor Region Musina Land Parcel 120 MS)
	Musina Land Parcel 120 MS)	-	-	-	Musina Land Parcel 120 MS)
	Overvlaakte Vervoer cc (Driekloof 690 KQ portion 0)	-	-	-	Overvlaakte Vervoer cc (Driekloof 690 KQ portion 0)
	Gerhard Schoeman	-	-	-	-
	Waterberg Berries (Pty) Ltd	-	-	-	Waterberg Berries (Pty) Ltd
	MRALEJ Boerdery	MRALEJ Boerdery	-	-	-
	Clanwilliam Boerdery Trust	Clanwilliam Boerdery Trust	-	-	-
	Jimmy Scott Family Trust	Jimmy Scott Family Trust	-	-	-
	Andre Francois Pauer – Vleifontein	Andre Francois Pauer – Vleifontein	-	-	-
	Abraham Francois Saayman	Abraham Francois Saayman	-	-	-
	Andre Francois Pauer – Sterkstroom; Buyshoek Boerdery (Pty) Ltd	Andre Francois Pauer – Sterkstroom; Buyshoek Boerdery (Pty) Ltd	-	-	-
	Muila Minerals	-	Muila Minerals	-	-
	Aylesham Trust	-	-	-	-
	Rebochicks Business Enterprise	-	Rebochicks Business Enterprise	-	-
	Big River Farm Primary Co-operative	-	Big River Farm Primary Co-operative	-	-
	AB Grain (Pty) Ltd	-	AB Grain (Pty) Ltd	-	-
	Smart Farm Macadamia Nuts (Pty) Ltd	-	Smart Farm Macadamia Nuts (Pty) Ltd	-	-

Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter			
		Quarter 1 April – June	Quarter 2 July - September (Pty) Ltd;	Quarter 3 October - December	Quarter 4 January – March
<b>Crocodiile West Marico</b>	Mimakuba Blueberry Farm (Pty) Ltd; Matteottis Agricultural and Trading Enterprise		Mmakuba Blueberry Farm (Pty) Ltd;	-	-
	Ndzahluli Holdings; Humphries Boerdery (Pty) Ltd			Ndzahluli Holdings; Humphries Boerdery (Pty) Ltd	
	Matteottis Agricultural and Trading Enterprise Anointed Farming			Matteottis Agricultural and Trading Enterprise Anointed Farming	
	Rainhall Enterprise & Projects			Rainfall Enterprise & Projects	
	LIMWAT Trading				
	Palm Tree Agricultural Cooperative Limited				
	Palm Tree Agricultural Cooperative Limited				
	Palm Tree Agricultural Cooperative Limited				
	PH Storm				
	Sazm Trading & Projects (Pty) Ltd		Sazm Trading & Projects (Pty) Ltd		
	Soutpansberg Citrus		Soutpansberg Citrus		
	Zyntax (Pty) Ltd		Zyntax (Pty) Ltd		
		3	1	1	0
	Silverlake Trading 84 (Pty) Ltd		Silverlake Trading 84 (Pty) Ltd		
	Amble Ridge (Pty) Ltd				
	The Cow Bouyz (Pty) Ltd			The Cow Bouyz (Pty) Ltd	
		4	1	1	1
<b>Olifants</b>	Kgapane Nature Products (Pty) Ltd		Kgapane Nature Products (Pty) Ltd		
	Mr. JJ Bekker		Mr. JJ Bekker		
	Mr. L S du Plessis				
	Paardedrift Boerdery (Pty) Ltd			Mr. L S du Plessis	
					Paardedrift Boerdery (Pty) Ltd
		<b>Agriculture (Agro Processing)</b>			
<b>Limpopo Main</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Green Farm Nut				
	Vus Themba Project Solutions cc		Vus Themba Project Solutions CC		
<b>Crocodiile West Marico Olifants</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Janlizmar (Pty) Ltd		Janlizmar (Pty) Ltd		
	Afri Operation Dryden rendering facility		Afri Operation Dryden rendering facility		

Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter			
		Quarter 1 April – June	Quarter 2 July – September	Quarter 3 October – December	Quarter 4 January – March
	Wait Landgoed (Pty) Ltd	-	-	Wait Landgoed (Pty) Ltd	-
		Municipal WWTW			
<b>Crocodile West Marico</b>		3	2	2	2
	Moses Kotane Hospital				
	Madibeng LM Brits WWTW				
	Mogale City LM Percy Stewart WWTW				
	Randfontein LM Badirile WWTW		Randfontein LM Badirile WWTW		
	City of Joburg Driefontein WWTW		City of Joburg Driefontein WWTW		
	Rustenburg LM			Rustenburg LM Rustenburg WWTW	
	Rustenburg LM			Rustenburg LM Boitekong WWTW	
	Boitekong WWTW				
	Thabazimbi LM				Thabazimbi LM
	City of Tshwane				City of Tshwane
	Sunderland Ridge WWTW				Sunderland Ridge WWTW
<b>Limpopo Main</b>		0	0	0	0
<b>Olifants</b>		5	2	1	1
	Rietspruit				
	Lepelle Northern Water		Rietspruit		
	Moordrift Water Supply		Lepelle Northern Water Moordrift Water Supply		
	Kriel WWTW		Kriel WWTW		
	Kinross WWTW			Kinross WWTW	
	Emakhazeni WWTW				Emakhazeni WWTW
<b>Municipal landfill</b>					
<b>Crocodile West Marico</b>		0	0	0	0
<b>Limpopo Main</b>		0	0	0	0
<b>Olifants</b>		0	0	0	0
<b>Afforestation</b>					
<b>Groot Marico West</b>		0	0	0	0
<b>Limpopo Main</b>		12	4	3	3
	Canyon Ridge Forest (Pty) Ltd		Canyon Ridge Forest (Pty) Ltd		
	Northmoor Estate (Pty) Ltd (Diggersrest Timber)				
	uMulozi Trust				uMulozi Trust
	Silicon Smelters (Van Veijeren Boerdery)				
	Mr. W.D Thompson		Mr. W.D Thompson		Mr. W.D Thompson

Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter			
		Quarter 1 April – June	Quarter 2 July – September	Quarter 3 October – December	Quarter 4 January – March
Olifants Industries	Steve Schoeman	-	-	-	-
	Behrend (Pty) Ltd	-	-	-	-
	Barapartners (Pty) Ltd	-	-	-	Barapartners (Pty) Ltd
	Mr. Mukumela Malokisa Muliilo	-	Mr. Mukumela Malokisa Muliilo	-	-
	Ms Tovhowani Feliciah Murovhi	-	Ms Tovhowani Feliciah Murovhi	-	-
	Mr. Mbulaheni Daniel Khakhu	-	-	Mr. Mbulaheni Daniel Khakhu	-
	Mr. Fhatuwani Netsianda	-	-	-	Mr. Fhatuwani Netsianda
	Ms. Phethani Nevhulorwa	-	-	-	Ms. Phethani Nevhulorwa
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Crocodile West Marico	Rustenburg RRT	Rustenburg RRT	-	-
Gautrain		-	Gautrain	-	-
Baldwin Properties		-	Baldwin Properties	-	-
AECI Ltd		-	-	AECI Ltd	-
Meritite Solar Park		-	-	Meritite Solar Park	-
Elgagen		-	-	-	Elgagen
Dangote Cement		-	-	-	Dangote Cement
Blair Athol		-	-	-	Blair Athol
<b>16</b>		<b>4</b>	<b>5</b>	<b>5</b>	<b>2</b>
Pioneer Foods Pty Ltd		Pioneer Foods Pty Ltd	-	-	-
Octane Dew 106 cc		Octane Dew 106 cc	-	-	-
Silicon Smelters		Silicon Smelters	-	-	-
Tobivox Pty Ltd		Tobivox Pty Ltd	-	-	-
Lapalala Natuurbewaring Operation Melote Noku Camp		-	Lapalala Natuurbewaring Operation Melote Noku Camp	-	-
PMC (Polokwane Metallurgical Complex)		-	PMC (Polokwane Metallurgical Complex)	-	-
Anglo Platinum		-	Anglo Platinum	-	-
Anglo Coal CBM	-	-	Anglo Coal CBM	-	
Musina Intermodal	-	-	Musina Intermodal	-	
Lanark Solar Plant (Pty) Ltd	-	-	Lanark Solar Plant (Pty) Ltd	-	
Eskom Matimba Power Station	-	Eskom Matimba Power Station	-	-	
Medupi Power Station	-	-	-	Medupi Power Station	
Royal Macadamia	-	-	-	Royal Macadamia	
Westfalia Fruit products	-	Westfalia Fruit products	-	-	
JiSep Trading Pty Ltd	-	JiSep Trading Pty Ltd	-	-	
Thupela Energy	-	-	Thupela Energy	-	

Catchment Management Areas	Targeted number and names	Performance delivery list of systems per quarter			
		Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
Olifants	Thabametsi Power Plant 4	-	-	Thabametsi Power Plant 1	-
	Shanduka Coal (Pty) Ltd ACWA Power Khanyisa Thermal power station Terra Nova Utilities (Pty) Ltd Greyvan Investments (Pty) Ltd	1 Shanduka Coal (Pty) Ltd	- ACWA Power Khanyisa Thermal power station Terra Nova Utilities (Pty) Ltd	-	-
<b>Total</b>	<b>143</b>	<b>42</b>	<b>43</b>	<b>33</b>	<b>25</b>

**PPI 2.2.2 Number of rivers in which the River Eco-status Monitoring Programme is implemented**

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			Quarter 1 April – June	Quarter 2 July - September	Quarter 3 October - December	Quarter 4 January – March
Crocodile West Marico	10	Apies Pienaars Hennops Magalies Jukskei Crocodile Elands Molopo Ngotwane Marico	10	10	10	10
Limpopo Main	8	Matlabas Mokolo Lephalale Nzhelele Mogalakwena Nwanedi Luvuvhu Mutale	8	8	8	8
Olifants	2	Letaba Olifants	2	2	2	2
<b>Total</b>	<b>20</b>		<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>

**PPI 2.2.4 Number of water resource sites monitored**

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
Limpopo Main	70		70	70	70	70
		Alma Village	Alma Village	Alma Village	Alma Village	Alma Village
		U/S Vaalwater OP	U/S Vaalwater OP	U/S Vaalwater OP	U/S Vaalwater OP	U/S Vaalwater OP
		U/S Lephahale Town	U/S Lephahale Town	U/S Lephahale Town	U/S Lephahale Town	U/S Lephahale Town
		D/S Lephahale Town	D/S Lephahale Town	D/S Lephahale Town	D/S Lephahale Town	D/S Lephahale Town
		D/S of Lephahale Town	D/S of Lephahale Town	D/S of Lephahale Town	D/S of Lephahale Town	D/S of Lephahale Town
		Beska	Beska	Beska	Beska	Beska
		Windhoek	Windhoek	Windhoek	Windhoek	Windhoek
		Hereenberg farm Bridge	Hereenberg farm Bridge	Hereenberg farm Bridge	Hereenberg farm Bridge	Hereenberg farm Bridge
		Susandale bridge	Susandale bridge	Susandale bridge	Susandale bridge	Susandale bridge
		Melkrivier	Melkrivier	Melkrivier	Melkrivier	Melkrivier
		Shongwane Bridge	Shongwane Bridge	Shongwane Bridge	Shongwane Bridge	Shongwane Bridge
		Grobler's Bridge	Grobler's Bridge	Grobler's Bridge	Grobler's Bridge	Grobler's Bridge
		U/S of Modimolle WWTW	U/S of Modimolle WWTW	U/S of Modimolle WWTW	U/S of Modimolle WWTW	U/S of Modimolle WWTW
		U/S of Sekgakgapeng Ponds	U/S of Sekgakgapeng Ponds	U/S of Sekgakgapeng Ponds	U/S of Sekgakgapeng Ponds	U/S of Sekgakgapeng Ponds
		D/S Masehlaneng	D/S Masehlaneng	D/S Masehlaneng	D/S Masehlaneng	D/S Masehlaneng
		D/S Mogalakwena Mine	D/S Mogalakwena Mine	D/S Mogalakwena Mine	D/S Mogalakwena Mine	D/S Mogalakwena Mine
		D/S George Masebe	D/S George Masebe	D/S George Masebe	D/S George Masebe	D/S George Masebe
		D/S of Glen Alpine Dam	D/S of Glen Alpine Dam	D/S of Glen Alpine Dam	D/S of Glen Alpine Dam	D/S of Glen Alpine Dam
		Downstream of Modimolle WWTW	Downstream of Modimolle WWTW	Downstream of Modimolle WWTW	Downstream of Modimolle WWTW	Downstream of Modimolle WWTW
		Corner Nelson Mandela Drive Taxi Holding Devenish Street on Sterkloop	Corner Nelson Mandela Drive Taxi Holding Devenish Street on Sterkloop	Corner Nelson Mandela Drive Taxi Holding Devenish Street on Sterkloop	Corner Nelson Mandela Drive Taxi Holding Devenish Street on Sterkloop	Corner Nelson Mandela Drive Taxi Holding Devenish Street on Sterkloop
		Sand River-U/S Polokwane Sewage works	Sand River-U/S Polokwane Sewage works	Sand River-U/S Polokwane Sewage works	Sand River-U/S Polokwane Sewage works	Sand River-U/S Polokwane Sewage works
		Limpopo River	Limpopo River	Limpopo River	Limpopo River	Limpopo River
		Sand River D/S of Polokwane WWTW	Sand River D/S of Polokwane WWTW	Sand River D/S of Polokwane WWTW	Sand River D/S of Polokwane WWTW	Sand River D/S of Polokwane WWTW
		Tshitavha at bridge	Tshitavha at bridge	Tshitavha at bridge	Tshitavha at bridge	Tshitavha at bridge
		Ha-Rabali at Dzanani to rabali road bridge on Nzhelele	Ha-Rabali at Dzanani to rabali road bridge on Nzhelele	Ha-Rabali at Dzanani to rabali road bridge on Nzhelele	Ha-Rabali at Dzanani to rabali road bridge on Nzhelele	Ha-Rabali at Dzanani to rabali road bridge on Nzhelele
		Tshedza bridge	Tshedza bridge	Tshedza bridge	Tshedza bridge	Tshedza bridge
		Musekwa bridge on Nzhelele river	Musekwa bridge on Nzhelele river	Musekwa bridge on Nzhelele river	Musekwa bridge on Nzhelele river	Musekwa bridge on Nzhelele river
		Tshikakavhe river at Mavhode	Tshikakavhe river at Mavhode	Tshikakavhe river at Mavhode	Tshikakavhe river at Mavhode	Tshikakavhe river at Mavhode
		Nwanedi river at Tshamulungwi	Nwanedi river at Tshamulungwi	Nwanedi river at Tshamulungwi	Nwanedi river at Tshamulungwi	Nwanedi river at Tshamulungwi
		Luphephe at Tshamulungwi	Luphephe at Tshamulungwi	Luphephe at Tshamulungwi	Luphephe at Tshamulungwi	Luphephe at Tshamulungwi
		Lupepe River on Bridge at nwanedi nature reserve	Lupepe River on Bridge at nwanedi nature reserve	Lupepe River on Bridge at nwanedi nature reserve	Lupepe River on Bridge at nwanedi nature reserve	Lupepe River on Bridge at nwanedi nature reserve
		Nwanedi river at Folovhodwe	Nwanedi river at Folovhodwe	Nwanedi river at Folovhodwe	Nwanedi river at Folovhodwe	Nwanedi river at Folovhodwe
		Nwanedi river at Agriven depot	Nwanedi river at Agriven depot	Nwanedi river at Agriven depot	Nwanedi river at Agriven depot	Nwanedi river at Agriven depot

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October - December	January – March
		Mulala drift at bridge on Nwanedzi	Mulala drift at bridge on Nwanedzi	Mulala drift at bridge on Nwanedzi	Mulala drift at bridge on Nwanedzi	Mulala drift at bridge on Nwanedzi
		Ka-Hasane bridge (dzindi river)	Ka-Hasane bridge (dzindi river)	Ka-Hasane bridge (dzindi river)	Ka-Hasane bridge (dzindi river)	Ka-Hasane bridge (dzindi river)
		Madadzhe @Univen WWTW	Madadzhe @Univen WWTW	Madadzhe @Univen WWTW	Madadzhe @Univen WWTW	Madadzhe @Univen WWTW
		D/S of Nandoni	D/S of Nandoni	D/S of Nandoni	D/S of Nandoni	D/S of Nandoni
		Punda Maria road @Segalo bridge	Punda Maria road @Segalo bridge	Punda Maria road @Segalo bridge	Punda Maria road @Segalo bridge	Punda Maria road @Segalo bridge
		Mutshundudi river	Mutshundudi river	Mutshundudi river	Mutshundudi river	Mutshundudi river
		Mbwedi river @kubvi bridge	Mbwedi river @kubvi bridge	Mbwedi river @kubvi bridge	Mbwedi river @kubvi bridge	Mbwedi river @kubvi bridge
		U/S of Mataatsheshe prison @tshinane river	U/S of Mataatsheshe prison @tshinane river	U/S of Mataatsheshe prison @tshinane river	U/S of Mataatsheshe prison @tshinane river	U/S of Mataatsheshe prison @tshinane river
		Mhinga bridge	Mhinga bridge	Mhinga bridge	Mhinga bridge	Mhinga bridge
		U/S of Nandoni	U/S of Nandoni	U/S of Nandoni	U/S of Nandoni	U/S of Nandoni
		D/S of Albasini dam	D/S of Albasini dam	D/S of Albasini dam	D/S of Albasini dam	D/S of Albasini dam
		Tshino bridge on luvhuvu river	Tshino bridge on luvhuvu river	Tshino bridge on luvhuvu river	Tshino bridge on luvhuvu river	Tshino bridge on luvhuvu river
		Tshandama tribal office on Mutale River	Tshandama tribal office on Mutale River	Tshandama tribal office on Mutale River	Tshandama tribal office on Mutale River	Tshandama tribal office on Mutale River
		Tshandama tribal office on nyahalwe river	Tshandama tribal office on nyahalwe river	Tshandama tribal office on nyahalwe river	Tshandama tribal office on nyahalwe river	Tshandama tribal office on nyahalwe river
		Upstream of Tshikondeni mine	Upstream of Tshikondeni mine	Upstream of Tshikondeni mine	Upstream of Tshikondeni mine	Upstream of Tshikondeni mine
		Sambandou village	Sambandou village	Sambandou village	Sambandou village	Sambandou village
		Tshilavha village bridge on Sambandou river	Tshilavha village bridge on Sambandou river	Tshilavha village bridge on Sambandou river	Tshilavha village bridge on Sambandou river	Tshilavha village bridge on Sambandou river
		Tshandama on Tshiombedi river	Tshandama on Tshiombedi river	Tshandama on Tshiombedi river	Tshandama on Tshiombedi river	Tshandama on Tshiombedi river
		Downstream of Tshilamba oxidation ponds	Downstream of Tshilamba oxidation ponds	Downstream of Tshilamba oxidation ponds	Downstream of Tshilamba oxidation ponds	Downstream of Tshilamba oxidation ponds
		Upstream of Tshilamba oxidation ponds	Upstream of Tshilamba oxidation ponds	Upstream of Tshilamba oxidation ponds	Upstream of Tshilamba oxidation ponds	Upstream of Tshilamba oxidation ponds
		Tshidzivhe village at the bridge next to potholes on Tshirovha river	Tshidzivhe village at the bridge next to potholes on Tshirovha river	Tshidzivhe village at the bridge next to potholes on Tshirovha river	Tshidzivhe village at the bridge next to potholes on Tshirovha river	Tshidzivhe village at the bridge next to potholes on Tshirovha river
		Tshapasha village bridge to village on pfeiani river	Tshapasha village bridge to village on pfeiani river	Tshapasha village bridge to village on pfeiani river	Tshapasha village bridge to village on pfeiani river	Tshapasha village bridge to village on pfeiani river
		Mudaswali river at thenzheni	Mudaswali river at thenzheni	Mudaswali river at thenzheni	Mudaswali river at thenzheni	Mudaswali river at thenzheni
		Rambuda on Mutale River (D/S of Tshibvumo)	Rambuda on Mutale River (D/S of Tshibvumo)	Rambuda on Mutale River (D/S of Tshibvumo)	Rambuda on Mutale River (D/S of Tshibvumo)	Rambuda on Mutale River (D/S of Tshibvumo)
		R71 Bridge Tzaneen	R71 Bridge Tzaneen	R71 Bridge Tzaneen	R71 Bridge Tzaneen	R71 Bridge Tzaneen
		U/S of Tzaneen	U/S of Tzaneen	U/S of Tzaneen	U/S of Tzaneen	U/S of Tzaneen
		D/S Tzaneen	D/S Tzaneen	D/S Tzaneen	D/S Tzaneen	D/S Tzaneen
		Letaba Hospital Bridge	Letaba Hospital Bridge	Letaba Hospital Bridge	Letaba Hospital Bridge	Letaba Hospital Bridge
		Nkowanokwa Industrial	Nkowanokwa Industrial	Nkowanokwa Industrial	Nkowanokwa Industrial	Nkowanokwa Industrial
		U/S of Lenyeneye	U/S of Lenyeneye	U/S of Lenyeneye	U/S of Lenyeneye	U/S of Lenyeneye



Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October - December	January – March
	70	D/S of Lenyenye U/S of Kgabane D/S of Malamulele U/S of Malamulele U/S of Giyani/D/S of Givani	D/S of Lenyenye U/S of Kgabane D/S of Malamulele U/S of Malamulele	D/S of Lenyenye U/S of Kgabane D/S of Malamulele U/S of Malamulele	D/S of Lenyenye U/S of Kgabane D/S of Malamulele U/S of Malamulele	
<b>Total</b>	<b>70</b>					
<b>Olifants</b>	<b>182</b>	Olifants D/S Witbank dam Olifants U/S Riverview WWTW Riverview WWTW effluent Olifants D/S Riverview WWTW on R555 Old Middleburg Road Spookspruit B4 confluence with Olifants on R555 Spookspruit @ R35 from Middleburg to Bethal Spookspruit D/S Middleburg Mine North Section Boesmankransspruit D/S Middleburg Mine & Douglas Spookspruit D/S Bank 5 U/S Bank 2 Olifants U/S Douglas Colliery Vandyksdrift on R544 Olifants D/S Douglas Colliery Vandyksdrif Brugspruit U/S Transalloys Brugspruit D/S Transalloys Grootspruit D/S Elandsfontein Colliery Grootspruit U/S Elandsfontein Colliery Triditary of Grootspruit D/S Highveld Steel Zaalklap River D/S Highveld Steel on R104 1Zaalklap River on Bolmoral Gravel Road Saalboom river on R104 B4 confluence with BHT to Witbank Kroomdraai Spruit D/S Kroomdraai Mine	Olifants D/S Witbank dam Olifants U/S Riverview WWTW Riverview WWTW effluent Olifants D/S Riverview WWTW on R555 Old Middleburg Road Spookspruit B4 confluence with Olifants on R555 Spookspruit @ R35 from Middleburg to Bethal Spookspruit D/S Middleburg Mine North Section Boesmankransspruit D/S Middleburg Mine & Douglas Spookspruit D/S Bank 5 U/S Bank 2 Olifants U/S Douglas Colliery Vandyksdrift on R544 Olifants D/S Douglas Colliery Vandyksdrif Brugspruit U/S Transalloys Brugspruit D/S Transalloys Grootspruit D/S Elandsfontein Colliery Grootspruit U/S Elandsfontein Colliery Triditary of Grootspruit D/S Highveld Steel Zaalklap River D/S Highveld Steel on R104 1Zaalklap River on Bolmoral Gravel Road Saalboom river on R104 B4 confluence with BHT to Witbank Kroomdraai Spruit D/S Kroomdraai Mine	Olifants D/S Witbank dam Olifants U/S Riverview WWTW Riverview WWTW effluent Olifants D/S Riverview WWTW on R555 Old Middleburg Road Spookspruit B4 confluence with Olifants on R555 Spookspruit @ R35 from Middleburg to Bethal Spookspruit D/S Middleburg Mine North Section Boesmankransspruit D/S Middleburg Mine & Douglas Spookspruit D/S Bank 5 U/S Bank 2 Olifants U/S Douglas Colliery Vandyksdrift on R544 Olifants D/S Douglas Colliery Vandyksdrif Brugspruit U/S Transalloys Brugspruit D/S Transalloys Grootspruit D/S Elandsfontein Colliery Grootspruit U/S Elandsfontein Colliery Triditary of Grootspruit D/S Highveld Steel Zaalklap River D/S Highveld Steel on R104 1Zaalklap River on Bolmoral Gravel Road Saalboom river on R104 B4 confluence with BHT to Witbank Kroomdraai Spruit D/S Kroomdraai Mine	Olifants D/S Witbank dam Olifants U/S Riverview WWTW Riverview WWTW effluent Olifants D/S Riverview WWTW on R555 Old Middleburg Road Spookspruit B4 confluence with Olifants on R555 Spookspruit @ R35 from Middleburg to Bethal Spookspruit D/S Middleburg Mine North Section Boesmankransspruit D/S Middleburg Mine & Douglas Spookspruit D/S Bank 5 U/S Bank 2 Olifants U/S Douglas Colliery Vandyksdrift on R544 Olifants D/S Douglas Colliery Vandyksdrif Brugspruit U/S Transalloys Brugspruit D/S Transalloys Grootspruit D/S Elandsfontein Colliery Grootspruit U/S Elandsfontein Colliery Triditary of Grootspruit D/S Highveld Steel Zaalklap River D/S Highveld Steel on R104 1Zaalklap River on Bolmoral Gravel Road Saalboom river on R104 B4 confluence with BHT to Witbank Kroomdraai Spruit D/S Kroomdraai Mine	

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October - December	January – March
		.Brugspruit U/S Ferrobank WWWTW	.Brugspruit U/S Ferrobank WWWTW	.Brugspruit U/S Ferrobank WWWTW	.Brugspruit U/S Ferrobank WWWTW	.Brugspruit U/S Ferrobank WWWTW
		Ferrobank WWWTW Final effluent	Ferrobank WWWTW Final effluent	Ferrobank WWWTW Final effluent	Ferrobank WWWTW Final effluent	Ferrobank WWWTW Final effluent
		Brugspruit D/S Ferrobank WWWTW U/S Klipspruit WWWTW	Brugspruit D/S Ferrobank WWWTW U/S Klipspruit WWWTW	Brugspruit D/S Ferrobank WWWTW U/S Klipspruit WWWTW	Brugspruit D/S Ferrobank WWWTW U/S Klipspruit WWWTW	Brugspruit D/S Ferrobank WWWTW U/S Klipspruit WWWTW
		Klipspruit WWWTW Final effluent	Klipspruit WWWTW Final effluent	Klipspruit WWWTW Final effluent	Klipspruit WWWTW Final effluent	Klipspruit WWWTW Final effluent
		Brugspruit D/S Klipspruit WWWTW	Brugspruit D/S Klipspruit WWWTW	Brugspruit D/S Klipspruit WWWTW	Brugspruit D/S Klipspruit WWWTW	Brugspruit D/S Klipspruit WWWTW
		Wilge River on R104 B4 confluence with Bronkhorstspuit River from BHT to Witbank	Wilge River on R104 B4 confluence with Bronkhorstspuit River from BHT to Witbank	Wilge River on R104 B4 confluence with Bronkhorstspuit River from BHT to Witbank	Wilge River on R104 B4 confluence with Bronkhorstspuit River from BHT to Witbank	Wilge River on R104 B4 confluence with Bronkhorstspuit River from BHT to Witbank
		Moses River on R33 From BHT to Marblehall	Moses River on R33 From BHT to Marblehall	Moses River on R33 From BHT to Marblehall	Moses River on R33 From BHT to Marblehall	Moses River on R33 From BHT to Marblehall
		Marblehall WWWTW Final effluent	Marblehall WWWTW Final effluent	Marblehall WWWTW Final effluent	Marblehall WWWTW Final effluent	Marblehall WWWTW Final effluent
		2Elands River on N11 Marblehall to Mokopane	2Elands River on N11 Marblehall to Mokopane	2Elands River on N11 Marblehall to Mokopane	2Elands River on N11 Marblehall to Mokopane	2Elands River on N11 Marblehall to Mokopane
		Elands River U/S Flagboshielo Dam	Elands River U/S Flagboshielo Dam	Elands River U/S Flagboshielo Dam	Elands River U/S Flagboshielo Dam	Elands River U/S Flagboshielo Dam
		Olifants River U/S Flagboshielo Dam	Olifants River U/S Flagboshielo Dam	Olifants River U/S Flagboshielo Dam	Olifants River U/S Flagboshielo Dam	Olifants River U/S Flagboshielo Dam
		Olifants River U/S Groblersdal WWWTW R33 from Groblersdal to Tafel Kop	Olifants River U/S Groblersdal WWWTW R33 from Groblersdal to Tafel Kop	Olifants River U/S Groblersdal WWWTW R33 from Groblersdal to Tafel Kop	Olifants River U/S Groblersdal WWWTW R33 from Groblersdal to Tafel Kop	Olifants River U/S Groblersdal WWWTW R33 from Groblersdal to Tafel Kop
		Groblerdsdal WWWTW final effluent	Groblerdsdal WWWTW final effluent	Groblerdsdal WWWTW final effluent	Groblerdsdal WWWTW final effluent	Groblerdsdal WWWTW final effluent
		.Olifants River D/S Groblersdal WWWTW in farm next to Lapa	.Olifants River D/S Groblersdal WWWTW in farm next to Lapa	.Olifants River D/S Groblersdal WWWTW in farm next to Lapa	.Olifants River D/S Groblersdal WWWTW in farm next to Lapa	.Olifants River D/S Groblersdal WWWTW in farm next to Lapa
		35. Moses River B4 confluence with Olifants on N11 between Marble Hall & Groblersdal	35. Moses River B4 confluence with Olifants on N11 between Marble Hall & Groblersdal	35. Moses River B4 confluence with Olifants on N11 between Marble Hall & Groblersdal	35. Moses River B4 confluence with Olifants on N11 between Marble Hall & Groblersdal	35. Moses River B4 confluence with Olifants on N11 between Marble Hall & Groblersdal
		Selons River on the road from Loskop to Stoffberg	Selons River on the road from Loskop to Stoffberg	Selons River on the road from Loskop to Stoffberg	Selons River on the road from Loskop to Stoffberg	Selons River on the road from Loskop to Stoffberg
		Olifants D/S Loskop dam on a wearer below the dam wall	Olifants D/S Loskop dam on a wearer below the dam wall	Olifants D/S Loskop dam on a wearer below the dam wall	Olifants D/S Loskop dam on a wearer below the dam wall	Olifants D/S Loskop dam on a wearer below the dam wall
		Moses River on R544 From Verena to Tweefontein	Moses River on R544 From Verena to Tweefontein	Moses River on R544 From Verena to Tweefontein	Moses River on R544 From Verena to Tweefontein	Moses River on R544 From Verena to Tweefontein
		Wilge River on R544 from Witbank to Verena	Wilge River on R544 from Witbank to Verena	Wilge River on R544 from Witbank to Verena	Wilge River on R544 from Witbank to Verena	Wilge River on R544 from Witbank to Verena
		Haartebeesfonteinspruit on R573 (Moloto Road)	Haartebeesfonteinspruit on R573 (Moloto Road)	Haartebeesfonteinspruit on R573 (Moloto Road)	Haartebeesfonteinspruit on R573 (Moloto Road)	Haartebeesfonteinspruit on R573 (Moloto Road)
		Elands River on R573 (Moloto Road)	Elands River on R573 (Moloto Road)	Elands River on R573 (Moloto Road)	Elands River on R573 (Moloto Road)	Elands River on R573 (Moloto Road)

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
		Moses River on the road to Philadephia from R25 (Denelton)	Moses River on the road to Philadephia from R25 (Denelton)	Moses River on the road to Philadephia from R25 (Denelton)	Moses River on the road to Philadephia from R25 (Denelton)	
		Elands River D/S Rust De Venter Dam on D567	Elands River D/S Rust De Venter Dam on D567	Elands River D/S Rust De Venter Dam on D567	Elands River D/S Rust De Venter Dam on D567	
		Elands River on R513 between Cullinan & Ekandustria	Elands River on R513 between Cullinan & Ekandustria	Elands River on R513 between Cullinan & Ekandustria	Elands River on R513 between Cullinan & Ekandustria	
		Tributary of Elands River U/S Ekandustria WWTW	Tributary of Elands River U/S Ekandustria WWTW	Tributary of Elands River U/S Ekandustria WWTW	Tributary of Elands River U/S Ekandustria WWTW	
		Ekandustria WWTW Final effluent	Ekandustria WWTW Final effluent	Ekandustria WWTW Final effluent	Ekandustria WWTW Final effluent	
		Tributary of Elands River D/S Ekandustria WWTW	Tributary of Elands River D/S Ekandustria WWTW	Tributary of Elands River D/S Ekandustria WWTW	Tributary of Elands River D/S Ekandustria WWTW	
		Bronkhorstspuit River U/S Bronkhorstspuit WWTW on R25	Bronkhorstspuit River U/S Bronkhorstspuit WWTW on R25	Bronkhorstspuit River U/S Bronkhorstspuit WWTW on R25	Bronkhorstspuit River U/S Bronkhorstspuit WWTW on R25	
		Bronkhorstspuit River U/S Bronkhorstspuit STW	Bronkhorstspuit River U/S Bronkhorstspuit STW	Bronkhorstspuit River U/S Bronkhorstspuit STW	Bronkhorstspuit River U/S Bronkhorstspuit STW	
		Bronkhorstspuit WWTW Final effluent	Bronkhorstspuit WWTW Final effluent	Bronkhorstspuit WWTW Final effluent	Bronkhorstspuit WWTW Final effluent	
		Bronkhorstspuit River D/S Bronkhorstspuit WWTW	Bronkhorstspuit River D/S Bronkhorstspuit WWTW	Bronkhorstspuit River D/S Bronkhorstspuit WWTW	Bronkhorstspuit River D/S Bronkhorstspuit WWTW	
		Bronkhorstspuit River D/S Bronkhorstspuit WWTW	Bronkhorstspuit River D/S Bronkhorstspuit WWTW	Bronkhorstspuit River D/S Bronkhorstspuit WWTW	Bronkhorstspuit River D/S Bronkhorstspuit WWTW	
		Bronkhorstspuit River D/S Bronkhorstspuit Dam on R25	Bronkhorstspuit River D/S Bronkhorstspuit Dam on R25	Bronkhorstspuit River D/S Bronkhorstspuit Dam on R25	Bronkhorstspuit River D/S Bronkhorstspuit Dam on R25	
		Bronkhorstspuit River U/S Bronkhorstspuit Dam Next to R42	Bronkhorstspuit River U/S Bronkhorstspuit Dam Next to R42	Bronkhorstspuit River U/S Bronkhorstspuit Dam Next to R42	Bronkhorstspuit River U/S Bronkhorstspuit Dam Next to R42	
		Bronkhorstspuit River on N12 below Delmas	Bronkhorstspuit River on N12 below Delmas	Bronkhorstspuit River on N12 below Delmas	Bronkhorstspuit River on N12 below Delmas	
		55Bronkhorstspuit River on R555 Oglies to Delmas	55Bronkhorstspuit River on R555 Oglies to Delmas	55Bronkhorstspuit River on R555 Oglies to Delmas	55Bronkhorstspuit River on R555 Oglies to Delmas	
		Wilge River on R555 Oglies to Delmas	Wilge River on R555 Oglies to Delmas	Wilge River on R555 Oglies to Delmas	Wilge River on R555 Oglies to Delmas	
		Zaaklap River U/S Phola WWTW	Zaaklap River U/S Phola WWTW	Zaaklap River U/S Phola WWTW	Zaaklap River U/S Phola WWTW	
		Phola WWTW Final effluent	Phola WWTW Final effluent	Phola WWTW Final effluent	Phola WWTW Final effluent	
		Zaaklap River D/S Phola WWTW	Zaaklap River D/S Phola WWTW	Zaaklap River D/S Phola WWTW	Zaaklap River D/S Phola WWTW	
		tributary of Bronkhorstspuit U/S Botteng WWTW	tributary of Bronkhorstspuit U/S Botteng WWTW	tributary of Bronkhorstspuit U/S Botteng WWTW	tributary of Bronkhorstspuit U/S Botteng WWTW	
		Botteng WWTW Final effluent	Botteng WWTW Final effluent	Botteng WWTW Final effluent	Botteng WWTW Final effluent	
		Tributary of Bronkhorstspuit D/S Botteng WWTW	Tributary of Bronkhorstspuit D/S Botteng WWTW	Tributary of Bronkhorstspuit D/S Botteng WWTW	Tributary of Bronkhorstspuit D/S Botteng WWTW	

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October - December	January – March
		Tributary of Bronkhorstspuit U/S Delmas WWTW	Tributary of Bronkhorstspuit U/S Delmas WWTW	Tributary of Bronkhorstspuit U/S Delmas WWTW	Tributary of Bronkhorstspuit U/S Delmas WWTW	Tributary of Bronkhorstspuit U/S Delmas WWTW
		Delmas WWTW Final effluent	Delmas WWTW Final effluent	Delmas WWTW Final effluent	Delmas WWTW Final effluent	Delmas WWTW Final effluent
		Tributary of Bronkhorstspuit D/S Delmas WWTW	Tributary of Bronkhorstspuit D/S Delmas WWTW	Tributary of Bronkhorstspuit D/S Delmas WWTW	Tributary of Bronkhorstspuit D/S Delmas WWTW	Tributary of Bronkhorstspuit D/S Delmas WWTW
		Koffiespruit on R50 Delmas to Pretoria	Koffiespruit on R50 Delmas to Pretoria	Koffiespruit on R50 Delmas to Pretoria	Koffiespruit on R50 Delmas to Pretoria	Koffiespruit on R50 Delmas to Pretoria
		Bronkhorstspuit River on R50	Bronkhorstspuit River on R50	Bronkhorstspuit River on R50	Bronkhorstspuit River on R50	Bronkhorstspuit River on R50
		Wilge River on R50 Delmas to Leandra WWTW	Wilge River on R50 Delmas to Leandra WWTW	Wilge River on R50 Delmas to Leandra WWTW	Wilge River on R50 Delmas to Leandra WWTW	Wilge River on R50 Delmas to Leandra WWTW
		tributary of Wilge U/S Leandra WWTW	tributary of Wilge U/S Leandra WWTW	tributary of Wilge U/S Leandra WWTW	tributary of Wilge U/S Leandra WWTW	tributary of Wilge U/S Leandra WWTW
		Leandra WWTW Final effluent	Leandra WWTW Final effluent	Leandra WWTW Final effluent	Leandra WWTW Final effluent	Leandra WWTW Final effluent
		tributary of Wilge D/S WWTW	tributary of Wilge D/S WWTW	tributary of Wilge D/S WWTW	tributary of Wilge D/S WWTW	tributary of Wilge D/S WWTW
		FE Naauwpoort STW - 191478	FE Naauwpoort STW - 191478	FE Naauwpoort STW - 191478	FE Naauwpoort STW - 191478	FE Naauwpoort STW - 191478
		DS Naauwpoort STW - 188538	DS Naauwpoort STW - 188538	DS Naauwpoort STW - 188538	DS Naauwpoort STW - 188538	DS Naauwpoort STW - 188538
		US Naauwpoort STW - 188537	US Naauwpoort STW - 188537	US Naauwpoort STW - 188537	US Naauwpoort STW - 188537	US Naauwpoort STW - 188537
		Naauwpoort 335 JS @ Witbank Dam - 191641	Naauwpoort 335 JS @ Witbank Dam - 191641	Naauwpoort 335 JS @ Witbank Dam - 191641	Naauwpoort 335 JS @ Witbank Dam - 191641	Naauwpoort 335 JS @ Witbank Dam - 191641
		US Tweefonteinspruit - 189428	US Tweefonteinspruit - 189428	US Tweefonteinspruit - 189428	US Tweefonteinspruit - 189428	US Tweefonteinspruit - 189428
		.DS Tweefonteinspruit - 189430	.DS Tweefonteinspruit - 189430	.DS Tweefonteinspruit - 189430	.DS Tweefonteinspruit - 189430	.DS Tweefonteinspruit - 189430
		Zaaiwater River @ R547 - 189510	Zaaiwater River @ R547 - 189510	Zaaiwater River @ R547 - 189510	Zaaiwater River @ R547 - 189510	Zaaiwater River @ R547 - 189510
		DS Kriel Colliery at R545 block 6 - 1000003173	DS Kriel Colliery at R545 block 6 - 1000003173	DS Kriel Colliery at R545 block 6 - 1000003173	DS Kriel Colliery at R545 block 6 - 1000003173	DS Kriel Colliery at R545 block 6 - 1000003173
		FE Rietspruit STW - 191617	FE Rietspruit STW - 191617	FE Rietspruit STW - 191617	FE Rietspruit STW - 191617	FE Rietspruit STW - 191617
		DS Rietspruit STW - 191474	DS Rietspruit STW - 191474	DS Rietspruit STW - 191474	DS Rietspruit STW - 191474	DS Rietspruit STW - 191474
		US Rietspruit STW - 191473	US Rietspruit STW - 191473	US Rietspruit STW - 191473	US Rietspruit STW - 191473	US Rietspruit STW - 191473
		DS Kriel block 6 & Matla Colliery - 188446	DS Kriel block 6 & Matla Colliery - 188446	DS Kriel block 6 & Matla Colliery - 188446	DS Kriel block 6 & Matla Colliery - 188446	DS Kriel block 6 & Matla Colliery - 188446
		Klipportjie @ R545 - 189438	Klipportjie @ R545 - 189438	Klipportjie @ R545 - 189438	Klipportjie @ R545 - 189438	Klipportjie @ R545 - 189438
		US Matla Colliery on Rietspruit - 188445	US Matla Colliery on Rietspruit - 188445	US Matla Colliery on Rietspruit - 188445	US Matla Colliery on Rietspruit - 188445	US Matla Colliery on Rietspruit - 188445
		US Boskrans STW - 188391	US Boskrans STW - 188391	US Boskrans STW - 188391	US Boskrans STW - 188391	US Boskrans STW - 188391
		DS Boskrans STW - 188386	DS Boskrans STW - 188386	DS Boskrans STW - 188386	DS Boskrans STW - 188386	DS Boskrans STW - 188386

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October - December	January – March
		FE Boskrans STW - 192762	FE Boskrans STW - 192762	FE Boskrans STW - 192762	FE Boskrans STW - 192762	
		DS of Vaalbankspruit on Klein olifants - 188401	DS of Vaalbankspruit on Klein olifants - 188401	DS of Vaalbankspruit on Klein olifants - 188401	DS of Vaalbankspruit on Klein olifants - 188401	
		DS of Colomabus B4 confluence with Klein olifants - 188403	DS of Colomabus B4 confluence with Klein olifants - 188403	DS of Colomabus B4 confluence with Klein olifants - 188403	DS of Colomabus B4 confluence with Klein olifants - 188403	
		Vaalbankspruit US of Colomabus and MFC - 188574	Vaalbankspruit US of Colomabus and MFC - 188574	Vaalbankspruit US of Colomabus and MFC - 188574	Vaalbankspruit US of Colomabus and MFC - 188574	
		Rietkuil DS of Arnot Power Station STW - 88587	Rietkuil DS of Arnot Power Station STW - 88587	Rietkuil DS of Arnot Power Station STW - 88587	Rietkuil DS of Arnot Power Station STW - 88587	
		FE Arnot Power Station STW - 191482	FE Arnot Power Station STW - 191482	FE Arnot Power Station STW - 191482	FE Arnot Power Station STW - 191482	
		DS Arnot Colliery shaft 8 STW - 191483	DS Arnot Colliery shaft 8 STW - 191483	DS Arnot Colliery shaft 8 STW - 191483	DS Arnot Colliery shaft 8 STW - 191483	
		FE Arnot Colliery shaft 8 STW - 191616	FE Arnot Colliery shaft 8 STW - 191616	FE Arnot Colliery shaft 8 STW - 191616	FE Arnot Colliery shaft 8 STW - 191616	
		US Arnot Colliery shaft 8 STW - 189455	US Arnot Colliery shaft 8 STW - 189455	US Arnot Colliery shaft 8 STW - 189455	US Arnot Colliery shaft 8 STW - 189455	
		US Kwagga @ bridge 2936 - 188397	US Kwagga @ bridge 2936 - 188397	US Kwagga @ bridge 2936 - 188397	US Kwagga @ bridge 2936 - 188397	
		US Kwagga on tributary of klein olifants bridge 4043 - 188399	US Kwagga on tributary of klein olifants bridge 4043 - 188399	US Kwagga on tributary of klein olifants bridge 4043 - 188399	US Kwagga on tributary of klein olifants bridge 4043 - 188399	
		US Kwagga kromdraai section bridge 3714 - 188400	US Kwagga kromdraai section bridge 3714 - 188400	US Kwagga kromdraai section bridge 3714 - 188400	US Kwagga kromdraai section bridge 3714 - 188400	
		DS Kwazamokuhle STW - 188595	DS Kwazamokuhle STW - 188595	DS Kwazamokuhle STW - 188595	DS Kwazamokuhle STW - 188595	
		FE Kwazamokuhle STW - 191480	FE Kwazamokuhle STW - 191480	FE Kwazamokuhle STW - 191480	FE Kwazamokuhle STW - 191480	
		US Kwazamokuhle STW - 188596	US Kwazamokuhle STW - 188596	US Kwazamokuhle STW - 188596	US Kwazamokuhle STW - 188596	
		DS Hendrina Power Station - 188396	DS Hendrina Power Station - 188396	DS Hendrina Power Station - 188396	DS Hendrina Power Station - 188396	
		DS Kwagga on klein olifants - 88505	DS Kwagga on klein olifants - 88505	DS Kwagga on klein olifants - 88505	DS Kwagga on klein olifants - 88505	
		Woestallen spruit DS Colliery - 188392	Woestallen spruit DS Colliery - 188392	Woestallen spruit DS Colliery - 188392	Woestallen spruit DS Colliery - 188392	
		Coetzerspruit DS Eikeboom N11 - 88714	Coetzerspruit DS Eikeboom N11 - 88714	Coetzerspruit DS Eikeboom N11 - 88714	Coetzerspruit DS Eikeboom N11 - 88714	
		DS Alzu Piggery @ Bosmanspruit - 90421	DS Alzu Piggery @ Bosmanspruit - 90421	DS Alzu Piggery @ Bosmanspruit - 90421	DS Alzu Piggery @ Bosmanspruit - 90421	
		Bosmanspruit DS of Kwagga/Eikeboom - 88506	Bosmanspruit DS of Kwagga/Eikeboom - 88506	Bosmanspruit DS of Kwagga/Eikeboom - 88506	Bosmanspruit DS of Kwagga/Eikeboom - 88506	
		Arendsfontein spruit DS Kanhym abattoir - 188570	Arendsfontein spruit DS Kanhym abattoir - 188570	Arendsfontein spruit DS Kanhym abattoir - 188570	Arendsfontein spruit DS Kanhym abattoir - 188570	

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October – December	January – March
		Klein Olifants US Middelburg dam - 188387	Klein Olifants US Middelburg dam - 188387	Klein Olifants US Middelburg dam - 188387	Klein Olifants US Middelburg dam - 188387	Klein Olifants US Middelburg dam - 188387
		Goedehoopspruit US Middelburg dam - 188390	Goedehoopspruit US Middelburg dam - 188390	Goedehoopspruit US Middelburg dam - 188390	Goedehoopspruit US Middelburg dam - 188390	Goedehoopspruit US Middelburg dam - 188390
		Dorinfontein U/S Dorinfontein mine on Steenkoolspruit - 188603	Dorinfontein U/S Dorinfontein mine on Steenkoolspruit - 188603	Dorinfontein U/S Dorinfontein mine on Steenkoolspruit - 188603	Dorinfontein U/S Dorinfontein mine on Steenkoolspruit - 188603	Dorinfontein U/S Dorinfontein mine on Steenkoolspruit - 188603
		Dorinfontein D/S Dorinfontein mine on Steenkoolspruit - 188602	Dorinfontein D/S Dorinfontein mine on Steenkoolspruit - 188602	Dorinfontein D/S Dorinfontein mine on Steenkoolspruit - 188602	Dorinfontein D/S Dorinfontein mine on Steenkoolspruit - 188602	Dorinfontein D/S Dorinfontein mine on Steenkoolspruit - 188602
		DS Kriel STW on Steenskoolspruit - 188449	DS Kriel STW on Steenskoolspruit - 188449	DS Kriel STW on Steenskoolspruit - 188449	DS Kriel STW on Steenskoolspruit - 188449	DS Kriel STW on Steenskoolspruit - 188449
		FE Kriel STW on Steenkoolspruit - 188597	FE Kriel STW on Steenkoolspruit - 188597	FE Kriel STW on Steenkoolspruit - 188597	FE Kriel STW on Steenkoolspruit - 188597	FE Kriel STW on Steenkoolspruit - 188597
		US Kriel STW on Steenskoolspruit - 188448	US Kriel STW on Steenskoolspruit - 188448	US Kriel STW on Steenskoolspruit - 188448	US Kriel STW on Steenskoolspruit - 188448	US Kriel STW on Steenskoolspruit - 188448
		DS Isibonelo colliery on Steenkoolspruit - 90415	DS Isibonelo colliery on Steenkoolspruit - 90415	DS Isibonelo colliery on Steenkoolspruit - 90415	DS Isibonelo colliery on Steenkoolspruit - 90415	DS Isibonelo colliery on Steenkoolspruit - 90415
		US Isibonelo colliery on Steenkoolspruit - 188589	US Isibonelo colliery on Steenkoolspruit - 188589	US Isibonelo colliery on Steenkoolspruit - 188589	US Isibonelo colliery on Steenkoolspruit - 188589	US Isibonelo colliery on Steenkoolspruit - 188589
		Olifontein on tributary of Plekenspruit - 188435	Olifontein on tributary of Plekenspruit - 188435	Olifontein on tributary of Plekenspruit - 188435	Olifontein on tributary of Plekenspruit - 188435	Olifontein on tributary of Plekenspruit - 188435
		Klipkraal on tributary of De beerspruit - 188438	Klipkraal on tributary of De beerspruit - 188438	Klipkraal on tributary of De beerspruit - 188438	Klipkraal on tributary of De beerspruit - 188438	Klipkraal on tributary of De beerspruit - 188438
		Palmfontein on Plekenspruit - 188433	Palmfontein on Plekenspruit - 188433	Palmfontein on Plekenspruit - 188433	Palmfontein on Plekenspruit - 188433	Palmfontein on Plekenspruit - 188433
		DS Trichardtfontein Dam on Trichardtspruit - 188439	DS Trichardtfontein Dam on Trichardtspruit - 188439	DS Trichardtfontein Dam on Trichardtspruit - 188439	DS Trichardtfontein Dam on Trichardtspruit - 188439	DS Trichardtfontein Dam on Trichardtspruit - 188439
		FE Trichardt STW - 188604	FE Trichardt STW - 188604	FE Trichardt STW - 188604	FE Trichardt STW - 188604	FE Trichardt STW - 188604
		DS Trichardt STW - 188440	DS Trichardt STW - 188440	DS Trichardt STW - 188440	DS Trichardt STW - 188440	DS Trichardt STW - 188440
		FE Kinross STW - 188605	FE Kinross STW - 188605	FE Kinross STW - 188605	FE Kinross STW - 188605	FE Kinross STW - 188605
		DS Kinross STW - 188442	DS Kinross STW - 188442	DS Kinross STW - 188442	DS Kinross STW - 188442	DS Kinross STW - 188442
		Bakenlagte US Matla & Kriel Power station - 188444	Bakenlagte US Matla & Kriel Power station - 188444	Bakenlagte US Matla & Kriel Power station - 188444	Bakenlagte US Matla & Kriel Power station - 188444	Bakenlagte US Matla & Kriel Power station - 188444
		Onverwachtspruit DS Kriel highwall mine on Steenkoolspruit - 188447	Onverwachtspruit DS Kriel highwall mine on Steenkoolspruit - 188447	Onverwachtspruit DS Kriel highwall mine on Steenkoolspruit - 188447	Onverwachtspruit DS Kriel highwall mine on Steenkoolspruit - 188447	Onverwachtspruit DS Kriel highwall mine on Steenkoolspruit - 188447
		R35 to Bethal on Olifants bridge - 188420	R35 to Bethal on Olifants bridge - 188420	R35 to Bethal on Olifants bridge - 188420	R35 to Bethal on Olifants bridge - 188420	R35 to Bethal on Olifants bridge - 188420
		Steenkoolspruit on clewer road - 191615	Steenkoolspruit on clewer road - 191615	Steenkoolspruit on clewer road - 191615	Steenkoolspruit on clewer road - 191615	Steenkoolspruit on clewer road - 191615
		Viaklaagte at R38 US of confluence with olifants on Bankspruit - 188430	Viaklaagte at R38 US of confluence with olifants on Bankspruit - 188430	Viaklaagte at R38 US of confluence with olifants on Bankspruit - 188430	Viaklaagte at R38 US of confluence with olifants on Bankspruit - 188430	Viaklaagte at R38 US of confluence with olifants on Bankspruit - 188430

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October – December	January – March
		1DS of Gloria mine on Koringspruit - 188425	1DS of Gloria mine on Koringspruit - 188425	1DS of Gloria mine on Koringspruit - 188425	1DS of Gloria mine on Koringspruit - 188425	
		Leeuwfontein at R35 road to Bethal - 188422	Leeuwfontein at R35 road to Bethal - 188422	Leeuwfontein at R35 road to Bethal - 188422	Leeuwfontein at R35 road to Bethal - 188422	
		DS of Sudor coal on olifants Halfgewoone - 188424	DS of Sudor coal on olifants Halfgewoone - 188424	DS of Sudor coal on olifants Halfgewoone - 188424	DS of Sudor coal on olifants Halfgewoone - 188424	
		Upper most point on Olifants R38 to Bethal - 188428	Upper most point on Olifants R38 to Bethal - 188428	Upper most point on Olifants R38 to Bethal - 188428	Upper most point on Olifants R38 to Bethal - 188428	
		R38 Vuskuile - 188431	R38 Vuskuile - 188431	R38 Vuskuile - 188431	R38 Vuskuile - 188431	
		DS Forsando South - 188423	DS Forsando South - 188423	DS Forsando South - 188423	DS Forsando South - 188423	
		DS Koorfontein mine US Blankpan STW - 188426	DS Koorfontein mine US Blankpan STW - 188426	DS Koorfontein mine US Blankpan STW - 188426	DS Koorfontein mine US Blankpan STW - 188426	
		DS Komati STW on Koringspruit - 188427	DS Komati STW on Koringspruit - 188427	DS Komati STW on Koringspruit - 188427	DS Komati STW on Koringspruit - 188427	
		FE Komati STW - 191640	FE Komati STW - 191640	FE Komati STW - 191640	FE Komati STW - 191640	
		FE Blankpan STW - 191749	FE Blankpan STW - 191749	FE Blankpan STW - 191749	FE Blankpan STW - 191749	
		US Koorfontein mine - 191637	US Koorfontein mine - 191637	US Koorfontein mine - 191637	US Koorfontein mine - 191637	
		US New clydesdale Colliery on Olifants - 188588	US New clydesdale Colliery on Olifants - 188588	US New clydesdale Colliery on Olifants - 188588	US New clydesdale Colliery on Olifants - 188588	
		DS New clydesdale on the bridge - 188536	DS New clydesdale on olifants at the bridge - 188536	DS New clydesdale on olifants at the bridge - 188536	DS New clydesdale on olifants at the bridge - 188536	
		New clydesdale at the Vaalkrans - 90418	New clydesdale at the bridge Vaalkrans - 90418	New clydesdale at the bridge Vaalkrans - 90418	New clydesdale at the bridge Vaalkrans - 90418	
		US New clydesdale on koorfonteinspruit DS Goedeheop Colliery - 192763	US New clydesdale on koorfonteinspruit DS Goedeheop Colliery - 192763	US New clydesdale on koorfonteinspruit DS Goedeheop Colliery - 192763	US New clydesdale on koorfonteinspruit DS Goedeheop Colliery - 192763	
		US Goedeheop on Goedeheopspruit - 192764	US Goedeheop on Goedeheopspruit - 192764	US Goedeheop on Goedeheopspruit - 192764	US Goedeheop on Goedeheopspruit - 192764	
		Blyde rivier at bridge Ohrigstad to Hoedspruit	Blyde rivier at bridge R527 from Ohrigstad to Hoedspruit	Blyde rivier at bridge R527 from Ohrigstad to Hoedspruit	Blyde rivier at bridge R527 from Ohrigstad to Hoedspruit	
		Blyde rivier at bridge Ohrigstad to Hoedspruit	Blyde rivier at bridge R527 from Ohrigstad to Hoedspruit	Blyde rivier at bridge R527 from Ohrigstad to Hoedspruit	Blyde rivier at bridge R527 from Ohrigstad to Hoedspruit	
		Olifants River us of confluence with Tswenyane River	Olifants River us of confluence with Tswenyane River	Olifants River us of confluence with Tswenyane River	Olifants River us of confluence with Tswenyane River	
		Olifants River d/s of confluence with Tswenyane River	Olifants River d/s of confluence with Tswenyane River	Olifants River d/s of confluence with Tswenyane River	Olifants River d/s of confluence with Tswenyane River	
		Ohringstad River at bridge R36 from Ohrigstad to Tzaneen	Ohringstad River at bridge R36 from Ohrigstad to Tzaneen	Ohringstad River at bridge R36 from Ohrigstad to Tzaneen	Ohringstad River at bridge R36 from Ohrigstad to Tzaneen	

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October - December	January – March
		Orhingsstad River at bridge R36 from Lydenburg to Ohrigstad	Orhingsstad River at bridge R36 from Lydenburg to Ohrigstad	Orhingsstad River at bridge R36 from Lydenburg to Ohrigstad	Orhingsstad River at bridge R36 from Lydenburg to Ohrigstad	Orhingsstad River at bridge R36 from Lydenburg to Ohrigstad
		Blyde River d/s of Pilgrim's Rest Sewage Works	Blyde River d/s of Pilgrim's Rest Sewage Works	Blyde River d/s of Pilgrim's Rest Sewage Works	Blyde River d/s of Pilgrim's Rest Sewage Works	Blyde River d/s of Pilgrim's Rest Sewage Works
		Spekboom River at bridge R36 from Lydenburg to Ohrigstad	Spekboom River at bridge R36 from Lydenburg to Ohrigstad	Spekboom River at bridge R36 from Lydenburg to Ohrigstad	Spekboom River at bridge R36 from Lydenburg to Ohrigstad	Spekboom River at bridge R36 from Lydenburg to Ohrigstad
		Makhutswi River bridge R530 from The Oaks to Phalaborwa	Makhutswi River bridge R530 from The Oaks to Phalaborwa	Makhutswi River bridge R530 from The Oaks to Phalaborwa	Makhutswi River bridge R530 from The Oaks to Phalaborwa	Makhutswi River bridge R530 from The Oaks to Phalaborwa
		Tudumo River on road from Lebowa Kgomo to Tooseng	Tudumo River on road from Lebowa Kgomo to Tooseng	Tudumo River on road from Lebowa Kgomo to Tooseng	Tudumo River on road from Lebowa Kgomo to Tooseng	Tudumo River on road from Lebowa Kgomo to Tooseng
		Olifants River d/s Flag Boshielo dam after weir	Olifants River d/s Flag Boshielo dam after weir	Olifants River d/s Flag Boshielo dam after weir	Olifants River d/s Flag Boshielo dam after weir	Olifants River d/s Flag Boshielo dam after weir
		Olifants River at bridge R37 from Burgersfort to Pietersburg	Olifants River at bridge R37 from Burgersfort to Pietersburg	Olifants River at bridge R37 from Burgersfort to Pietersburg	Olifants River at bridge R37 from Burgersfort to Pietersburg	Olifants River at bridge R37 from Burgersfort to Pietersburg
		Motsi River at bridge R37 from Burgerfort to Pietersburg	Motsi River at bridge R37 from Burgerfort to Pietersburg	Motsi River at bridge R37 from Burgerfort to Pietersburg	Motsi River at bridge R37 from Burgerfort to Pietersburg	Motsi River at bridge R37 from Burgerfort to Pietersburg
		Burgersfort Sewage Works	Burgersfort Sewage Works	Burgersfort Sewage Works	Burgersfort Sewage Works	Burgersfort Sewage Works
		Dwars River at bridge R555 from Roosenekal	Dwars River at bridge R555 from Roosenekal	Dwars River at bridge R555 from Roosenekal	Dwars River at bridge R555 from Roosenekal	Dwars River at bridge R555 from Roosenekal
		Selati River at bridge R530 from Mica to Phalaborwa	Selati River at bridge R530 from Mica to Phalaborwa	Selati River at bridge R530 from Mica to Phalaborwa	Selati River at bridge R530 from Mica to Phalaborwa	Selati River at bridge R530 from Mica to Phalaborwa
		Mapoch's River at bridge R555 from Steelport to Roosenekal	Mapoch's River at bridge R555 from Steelport to Roosenekal	Mapoch's River at bridge R555 from Steelport to Roosenekal	Mapoch's River at bridge R555 from Steelport to Roosenekal	Mapoch's River at bridge R555 from Steelport to Roosenekal
		Dwars River at bridge R577 from Lydenburg to Steelport	Dwars River at bridge R577 from Lydenburg to Steelport	Dwars River at bridge R577 from Lydenburg to Steelport	Dwars River at bridge R577 from Lydenburg to Steelport	Dwars River at bridge R577 from Lydenburg to Steelport
		Lydenburg Sewage Works	Lydenburg Sewage Works	Lydenburg Sewage Works	Lydenburg Sewage Works	Lydenburg Sewage Works
		Dorps River D/S Lydenburg Sewage Works	Dorps River D/S Lydenburg Sewage Works	Dorps River D/S Lydenburg Sewage Works	Dorps River D/S Lydenburg Sewage Works	Dorps River D/S Lydenburg Sewage Works
		Dorps River u/s Lydenburg S/W at bridge R37 from Lydenburg to Burgersfort	Dorps River u/s Lydenburg S/W at bridge R37 from Lydenburg to Burgersfort	Dorps River u/s Lydenburg S/W at bridge R37 from Lydenburg to Burgersfort	Dorps River u/s Lydenburg S/W at bridge R37 from Lydenburg to Burgersfort	Dorps River u/s Lydenburg S/W at bridge R37 from Lydenburg to Burgersfort
		Steelport Sewage Works	Steelport Sewage Works	Steelport Sewage Works	Steelport Sewage Works	Steelport Sewage Works
		Dullstroom Sewage Works	Dullstroom Sewage Works	Dullstroom Sewage Works	Dullstroom Sewage Works	Dullstroom Sewage Works
		Selati River bridge from Phalaborwa Town to Barrage	Selati River bridge from Phalaborwa Town to Barrage	Selati River bridge from Phalaborwa Town to Barrage	Selati River bridge from Phalaborwa Town to Barrage	Selati River bridge from Phalaborwa Town to Barrage
		Belfast Sewage Works	Belfast Sewage Works	Belfast Sewage Works	Belfast Sewage Works	Belfast Sewage Works



Sub-catchment area	Total number	Names	Planned inspections per quarter				Total
			April – June	July - September	October - December	January – March	
		Steelpoort River at bridge R33 from Belfast to Stoffburg	Steelpoort River at bridge R33 from Belfast to Stoffburg	Steelpoort River at bridge R33 from Belfast to Stoffburg	Steelpoort River at bridge R33 from Belfast to Stoffburg	Steelpoort River at bridge R33 from Belfast to Stoffburg	
		Witpoort River at bridge R555 from Steelpoort to Stoffburg	Witpoort River at bridge R555 from Steelpoort to Stoffburg	Witpoort River at bridge R555 from Steelpoort to Stoffburg	Witpoort River at bridge R555 from Steelpoort to Stoffburg	Witpoort River at bridge R555 from Steelpoort to Stoffburg	
		Steelpoort River U/s Steelpoort Sewage Works	Steelpoort River U/s Steelpoort Sewage Works	Steelpoort River U/s Steelpoort Sewage Works	Steelpoort River U/s Steelpoort Sewage Works	Steelpoort River U/s Steelpoort Sewage Works	
		Steelpoort River D/S Steelpoort Sewage Works at bridge	Steelpoort River D/S Steelpoort Sewage Works at bridge	Steelpoort River D/S Steelpoort Sewage Works at bridge	Steelpoort River D/S Steelpoort Sewage Works at bridge	Steelpoort River D/S Steelpoort Sewage Works at bridge	
		Rossenekal Sewage Works at chlorination chamber at discharge point	Rossenekal Sewage Works at chlorination chamber at discharge point	Rossenekal Sewage Works at chlorination chamber at discharge point	Rossenekal Sewage Works at chlorination chamber at discharge point	Rossenekal Sewage Works at chlorination chamber at discharge point	
		Hoofstad Loop River u/s Rossenekal Sewage Works at bridge to Lydenburg	Hoofstad Loop River u/s Rossenekal Sewage Works at bridge to Lydenburg	Hoofstad Loop River u/s Rossenekal Sewage Works at bridge to Lydenburg	Hoofstad Loop River u/s Rossenekal Sewage Works at bridge to Lydenburg	Hoofstad Loop River u/s Rossenekal Sewage Works at bridge to Lydenburg	
		Phalaborwa sewage works discharge point	Phalaborwa sewage works discharge point	Phalaborwa sewage works discharge point	Phalaborwa sewage works discharge point	Phalaborwa sewage works discharge point	
		Ngwaritsi River bridge d/s Jane Furse evaporation ponds	Ngwaritsi River bridge d/s Jane Furse evaporation ponds	Ngwaritsi River bridge d/s Jane Furse evaporation ponds	Ngwaritsi River bridge d/s Jane Furse evaporation ponds	Ngwaritsi River bridge d/s Jane Furse evaporation ponds	
		Selati River u/s of Foskor mine d/s of Sasol Nitro	Selati River u/s of Foskor mine d/s of Sasol Nitro	Selati River u/s of Foskor mine d/s of Sasol Nitro	Selati River u/s of Foskor mine d/s of Sasol Nitro	Selati River u/s of Foskor mine d/s of Sasol Nitro	
		Olifants River at Lepelle Water Barrage	Olifants River at Lepelle Water Barrage	Olifants River at Lepelle Water Barrage	Olifants River at Lepelle Water Barrage	Olifants River at Lepelle Water Barrage	
		Olifants River d/s confluence with Motsi River at the pump station	Olifants River d/s confluence with Motsi River at the pump station	Olifants River d/s confluence with Motsi River at the pump station	Olifants River d/s confluence with Motsi River at the pump station	Olifants River d/s confluence with Motsi River at the pump station	
		Blyde River at bridge u/s of Swadini Sewerage works d/s Blyde dam wall	Blyde River at bridge u/s of Swadini Sewerage works d/s Blyde dam wall	Blyde River at bridge u/s of Swadini Sewerage works d/s Blyde dam wall	Blyde River at bridge u/s of Swadini Sewerage works d/s Blyde dam wall	Blyde River at bridge u/s of Swadini Sewerage works d/s Blyde dam wall	
		Lulekani sewage works discharge point	Lulekani sewage works discharge point	Lulekani sewage works discharge point	Lulekani sewage works discharge point	Lulekani sewage works discharge point	
<b>Total</b>	<b>182</b>		<b>182</b>	<b>182</b>	<b>182</b>	<b>182</b>	
<b>Crocodile West Marico</b>	<b>95</b>	Tholwane River @Legonyane Village	Tholwane River @Legonyane Village	Tholwane River @Legonyane Village	Tholwane River @Legonyane Village	Tholwane River @Legonyane Village	
		Northam oxidation pond	Northam oxidation pond	Northam oxidation pond	Northam oxidation pond	Northam oxidation pond	
		Swartklip road @bridge-brakspruit	Swartklip road @bridge-brakspruit	Swartklip road @bridge-brakspruit	Swartklip road @bridge-brakspruit	Swartklip road @bridge-brakspruit	
		Northam town	Northam town	Northam town	Northam town	Northam town	
		Tumela mine @bridge Brierspruit	Tumela mine @bridge Brierspruit	Tumela mine @bridge Brierspruit	Tumela mine @bridge Brierspruit	Tumela mine @bridge Brierspruit	
		D/s of Tumela mine @ bridge Brierspruit	D/s of Tumela mine @ bridge Brierspruit	D/s of Tumela mine @ bridge Brierspruit	D/s of Tumela mine @ bridge Brierspruit	D/s of Tumela mine @ bridge Brierspruit	
		D/s of Thabazimbi WWTW @ unnamed river joining Crocodile	D/s of Thabazimbi WWTW @ unnamed river joining Crocodile	D/s of Thabazimbi WWTW @ unnamed river joining Crocodile	D/s of Thabazimbi WWTW @ unnamed river joining Crocodile	D/s of Thabazimbi WWTW @ unnamed river joining Crocodile	
		Rooikuispruit @u/p of Thabazimbi WWTW	Rooikuispruit @u/p of Thabazimbi WWTW	Rooikuispruit @u/p of Thabazimbi WWTW	Rooikuispruit @u/p of Thabazimbi WWTW	Rooikuispruit @u/p of Thabazimbi WWTW	
<b>Total</b>	<b>95</b>		<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
		D/s of Rooiberg WWTW	D/s of Rooiberg WWTW	D/s of Rooiberg WWTW	D/s of Rooiberg WWTW	D/s of Rooiberg WWTW
		Rooikuil river @small bridge to Thabazimbi golf course	Rooikuil river @small bridge to Thabazimbi golf course	Rooikuil river @small bridge to Thabazimbi golf course	Rooikuil river @small bridge to Thabazimbi golf course	Rooikuil river @small bridge to Thabazimbi golf course
		Swartrugens WWTW next to Engen garage	Swartrugens WWTW next to Engen garage	Swartrugens WWTW next to Engen garage	Swartrugens WWTW next to Engen garage	Swartrugens WWTW next to Engen garage
		Koster river @bridge in Koster town	Koster river @bridge in Koster town	Koster river @bridge in Koster town	Koster river @bridge in Koster town	Koster river @bridge in Koster town
		Laragang river @ga-luka Phokeng first bridge	Laragang river @ga-luka Phokeng first bridge	Laragang river @ga-luka Phokeng first bridge	Laragang river @ga-luka Phokeng first bridge	Laragang river @ga-luka Phokeng first bridge
		Beestekraal @first bridge from Kanano	Beestekraal @first bridge from Kanano	Beestekraal @first bridge from Kanano	Beestekraal @first bridge from Kanano	Beestekraal @first bridge from Kanano
		Monakato wwtw oxidation pond to elands river	Monakato wwtw oxidation pond to elands river	Monakato wwtw oxidation pond to elands river	Monakato wwtw oxidation pond to elands river	Monakato wwtw oxidation pond to elands river
		A2hex-water hex river @u/s of Rustenburg site	A2hex-water hex river @u/s of Rustenburg site	A2hex-water hex river @u/s of Rustenburg site	A2hex-water hex river @u/s of Rustenburg site	A2hex-water hex river @u/s of Rustenburg site
		Hex river @ Boitenkong ww WWTW	Hex river @ Boitenkong ww WWTW	Hex river @ Boitenkong ww WWTW	Hex river @ Boitenkong ww WWTW	Hex river @ Boitenkong ww WWTW
		Hex tributary @kanana Bospoort dam inlet	Hex tributary @kanana Bospoort dam inlet	Hex tributary @kanana Bospoort dam inlet	Hex tributary @kanana Bospoort dam inlet	Hex tributary @kanana Bospoort dam inlet
		Hex tri crossing Rustenburg correctional services	Hex tri crossing Rustenburg correctional services	Hex tri crossing Rustenburg correctional services	Hex tri crossing Rustenburg correctional services	Hex tri crossing Rustenburg correctional services
		Boitekong WWTW @ hex river	Boitekong WWTW @ hex river	Boitekong WWTW @ hex river	Boitekong WWTW @ hex river	Boitekong WWTW @ hex river
		Hex river d/s of Lethabong WWTW	Hex river d/s of Lethabong WWTW	Hex river d/s of Lethabong WWTW	Hex river d/s of Lethabong WWTW	Hex river d/s of Lethabong WWTW
		Lethabong package plant next to Hex River	Lethabong package plant next to Hex River	Lethabong package plant next to Hex River	Lethabong package plant next to Hex River	Lethabong package plant next to Hex River
		Scheerport river @bridge along Scheerport main road	Scheerport river @bridge along Scheerport main road	Scheerport river @bridge along Scheerport main road	Scheerport river @bridge along Scheerport main road	Scheerport river @bridge along Scheerport main road
		Swart spruit @bridge next to Xanadu eco park	Swart spruit @bridge next to Xanadu eco park	Swart spruit @bridge next to Xanadu eco park	Swart spruit @bridge next to Xanadu eco park	Swart spruit @bridge next to Xanadu eco park
		D/s of Tonko chicken	D/s of Tonko chicken	D/s of Tonko chicken	D/s of Tonko chicken	D/s of Tonko chicken
		D/s of Necsca @ r512 at caravan park	D/s of Necsca @ r512 at caravan park	D/s of Necsca @ r512 at caravan park	D/s of Necsca @ r512 at caravan park	D/s of Necsca @ r512 at caravan park
		A2croc-brits Roodekopjes 427 JQ below new sewage works R511 on Krokodil Rivier	A2croc-brits Roodekopjes 427 JQ below new sewage works R511 on Krokodil Rivier	A2croc-brits Roodekopjes 427 JQ below new sewage works R511 on Krokodil Rivier	A2croc-brits Roodekopjes 427 JQ below new sewage works R511 on Krokodil Rivier	A2croc-brits Roodekopjes 427 JQ below new sewage works R511 on Krokodil Rivier
		Upstream Brits industrial area	Upstream Brits industrial area	Upstream Brits industrial area	Upstream Brits industrial area	Upstream Brits industrial area
		Opkyk school @ the gate before the bridge	Opkyk school @ the gate before the bridge	Opkyk school @ the gate before the bridge	Opkyk school @ the gate before the bridge	Opkyk school @ the gate before the bridge
		Ngwenya River estate @ the bridge	Ngwenya River estate @ the bridge	Ngwenya River estate @ the bridge	Ngwenya River estate @ the bridge	Ngwenya River estate @ the bridge
		U/p of Brits WWTW @2km before R511 bridge	U/p of Brits WWTW @2km before R511 bridge	U/p of Brits WWTW @2km before R511 bridge	U/p of Brits WWTW @2km before R511 bridge	U/p of Brits WWTW @2km before R511 bridge
		U/p Drie Berg Karavan @small bridge along d1195 road	U/p Drie Berg Karavan @small bridge along d1195 road	U/p Drie Berg Karavan @small bridge along d1195 road	U/p Drie Berg Karavan @small bridge along d1195 road	U/p Drie Berg Karavan @small bridge along d1195 road

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
		Up of Lethabile WTTWW @bridge before cemetery	Up of Lethabile WTTWW @bridge before cemetery	Up of Lethabile WTTWW @bridge before cemetery	Up of Lethabile WTTWW @bridge before cemetery	
		DWJ10 Jukskei river u/p confluence Modderfontein Lombardy	DWJ10 Jukskei river u/p confluence	DWJ10 Jukskei river u/p confluence	DWJ10 Jukskei river u/p confluence	
		ZDWWJ32 Crocodile River d/s confluence with Jukskei river	Modderfontein Lombardy ZDWWJ32 Crocodile River d/s confluence with Jukskei river	Modderfontein Lombardy ZDWWJ32 Crocodile River d/s confluence with Jukskei river	Modderfontein Lombardy ZDWWJ32 Crocodile River d/s confluence with Jukskei river	
		A2h045 Vlakfontein 494 JQ DWJ31 on Krokodilrivier	A2h045 Vlakfontein 494 JQ DWJ31 on Krokodilrivier	A2h045 Vlakfontein 494 JQ DWJ31 on Krokodilrivier	A2h045 Vlakfontein 494 JQ DWJ31 on Krokodilrivier	
		DWJ 30 Jukskei upstream of confluence with Crocodile	DWJ 30 Jukskei upstream of confluence with Crocodile	DWJ 30 Jukskei upstream of confluence with Crocodile	DWJ 30 Jukskei upstream of confluence with Crocodile	
		Rooiwal bridge downstream Rooiwal sewage works M39	Rooiwal bridge downstream Rooiwal sewage works M39	Rooiwal bridge downstream Rooiwal sewage works M39	Rooiwal bridge downstream Rooiwal sewage works M39	
		Proklamasieheuwel Pretoria DS PTA West power station stormwater channel to Skimmerspruit	Proklamasieheuwel Pretoria DS PTA West power station stormwater channel to Skimmerspruit	Proklamasieheuwel Pretoria DS PTA West power station stormwater channel to Skimmerspruit	Proklamasieheuwel Pretoria DS PTA West power station stormwater channel to Skimmerspruit	
		Pretoria industrial area upstream of PTA West power station on Iscor stream	Pretoria industrial area upstream of PTA West power station on Iscor stream	Pretoria industrial area upstream of PTA West power station on Iscor stream	Pretoria industrial area upstream of PTA West power station on Iscor stream	
		Trans-Oranje Pretoria on skimmerspruit	Trans-Oranje Pretoria on skimmerspruit	Trans-Oranje Pretoria on skimmerspruit	Trans-Oranje Pretoria on skimmerspruit	
		Apiesrivier at Fontaine bridge on m18	Apiesrivier at Fontaine bridge on m18	Apiesrivier at Fontaine bridge on m18	Apiesrivier at Fontaine bridge on m18	
		Skimmerspruit at Church Street on Kwaggas Rand centre	Skimmerspruit at Church Street on Kwaggas Rand centre	Skimmerspruit at Church Street on Kwaggas Rand centre	Skimmerspruit at Church Street on Kwaggas Rand centre	
		Onderstepoort bridge after turning left old Warmbaths R101	Onderstepoort bridge after turning left old Warmbaths R101	Onderstepoort bridge after turning left old Warmbaths R101	Onderstepoort bridge after turning left old Warmbaths R101	
		Apies river - upstream of Rooiwal sewage works	Apies river - upstream of Rooiwal sewage works	Apies river - upstream of Rooiwal sewage works	Apies river - upstream of Rooiwal sewage works	
		Apies river - at Petronella bridge on old Warmbaths Road	Apies river - at Petronella bridge on old Warmbaths Road	Apies river - at Petronella bridge on old Warmbaths Road	Apies river - at Petronella bridge on old Warmbaths Road	
		Honingestkrans bridge road R101	Honingestkrans bridge road R101	Honingestkrans bridge road R101	Honingestkrans bridge road R101	
		Apies river - at Babelegi bridge near 10th street and old Warmbaths road R101	Apies river - at Babelegi bridge near 10th street and old Warmbaths road R101	Apies river - at Babelegi bridge near 10th street and old Warmbaths road R101	Apies river - at Babelegi bridge near 10th street and old Warmbaths road R101	
		Elandsvlei 249 IQ U/S of Randfontein sewage treatment plant	Elandsvlei 249 IQ U/S of Randfontein sewage treatment plant	Elandsvlei 249 IQ U/S of Randfontein sewage treatment plant	Elandsvlei 249 IQ U/S of Randfontein sewage treatment plant	
		HKS1 Honingestkrans R47	HKS1 Honingestkrans R47	HKS1 Honingestkrans R47	HKS1 Honingestkrans R47	
		KDP game reserve	KDP game reserve	KDP game reserve	KDP game reserve	

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July – September	October – December	January – March
		Eiv1 Elandsvlei 249 IQ D/S of Randfontein sewage treatment plant on Bloubankspruit	Eiv1 Elandsvlei 249 IQ D/S of Randfontein sewage treatment plant on Bloubankspruit	Eiv1 Elandsvlei 249 IQ D/S of Randfontein sewage treatment plant on Bloubankspruit	Eiv1 Elandsvlei 249 IQ D/S of Randfontein sewage treatment plant on Bloubankspruit	Eiv1 Elandsvlei 249 IQ D/S of Randfontein sewage treatment plant on Bloubankspruit
		BGS2 Blougatspruit u/s of Percy Stewart sewage treatment	BGS2 Blougatspruit u/s of Percy Stewart sewage treatment	BGS2 Blougatspruit u/s of Percy Stewart sewage treatment	BGS2 Blougatspruit u/s of Percy Stewart sewage treatment	BGS2 Blougatspruit u/s of Percy Stewart sewage treatment
		BGS1 Blougatspruit d/s of Percy Stewart sewage treatment	BGS1 Blougatspruit d/s of Percy Stewart sewage treatment	BGS1 Blougatspruit d/s of Percy Stewart sewage treatment	BGS1 Blougatspruit d/s of Percy Stewart sewage treatment	BGS1 Blougatspruit d/s of Percy Stewart sewage treatment
		Wgs1 a21 Wilgesspruit	Wgs1 a21 Wilgesspruit	Wgs1 a21 Wilgesspruit	Wgs1 a21 Wilgesspruit	Wgs1 a21 Wilgesspruit
		MSL1 botanical gardens upstream	MSL1 botanical gardens upstream	MSL1 botanical gardens upstream	MSL1 botanical gardens upstream	MSL1 botanical gardens upstream
		CR1 Crocodile River upstream of JW Driefontein sewage treatment	CR1 Crocodile River upstream of JW Driefontein sewage treatment	CR1 Crocodile River upstream of JW Driefontein sewage treatment	CR1 Crocodile River upstream of JW Driefontein sewage treatment	CR1 Crocodile River upstream of JW Driefontein sewage treatment
		CCR1 Crocodile d/s OF JW Driefontein sewage treatment plant	CCR1 Crocodile d/s OF JW Driefontein sewage treatment plant	CCR1 Crocodile d/s OF JW Driefontein sewage treatment plant	CCR1 Crocodile d/s OF JW Driefontein sewage treatment plant	CCR1 Crocodile d/s OF JW Driefontein sewage treatment plant
		MGR1 a21 Magalies downstream	MGR1 a21 Magalies downstream	MGR1 a21 Magalies downstream	MGR1 a21 Magalies downstream	MGR1 a21 Magalies downstream
		KLR1 Klein River downstream	KLR1 Klein River downstream	KLR1 Klein River downstream	KLR1 Klein River downstream	KLR1 Klein River downstream
		Nooitgedacht @ road bridge on Edendalspruit	Nooitgedacht @ road bridge on Edendalspruit	Nooitgedacht @ road bridge on Edendalspruit	Nooitgedacht @ road bridge on Edendalspruit	Nooitgedacht @ road bridge on Edendalspruit
		A23 Bloemendal @ Kameelfontein on gravel road	A23 Bloemendal @ Kameelfontein on gravel road	A23 Bloemendal @ Kameelfontein on gravel road	A23 Bloemendal @ Kameelfontein on gravel road	A23 Bloemendal @ Kameelfontein on gravel road
		A23 Pienaarsriver 1, upstream of Boschkop road	A23 Pienaarsriver 1, upstream of Boschkop road	A23 Pienaarsriver 1, upstream of Boschkop road	A23 Pienaarsriver 1, upstream of Boschkop road	A23 Pienaarsriver 1, upstream of Boschkop road
		A23 Moreleta spruit @ Kameeldrift	A23 Moreleta spruit @ Kameeldrift	A23 Moreleta spruit @ Kameeldrift	A23 Moreleta spruit @ Kameeldrift	A23 Moreleta spruit @ Kameeldrift
		A23 Pienaars river 13 Kameelfontein road	A23 Pienaars river 13 Kameelfontein road	A23 Pienaars river 13 Kameelfontein road	A23 Pienaars river 13 Kameelfontein road	A23 Pienaars river 13 Kameelfontein road
		A23 at Pretoria Cullinan Road bridge on Edendalspruit	A23 at Pretoria Cullinan Road bridge on Edendalspruit	A23 at Pretoria Cullinan Road bridge on Edendalspruit	A23 at Pretoria Cullinan Road bridge on Edendalspruit	A23 at Pretoria Cullinan Road bridge on Edendalspruit
		A23 Baviaanspoort 330 JR - downstream of Baviaanspoort WTWW on Pienaarsriver	A23 Baviaanspoort 330 JR - downstream of Baviaanspoort WTWW on Pienaarsriver	A23 Baviaanspoort 330 JR - downstream of Baviaanspoort WTWW on Pienaarsriver	A23 Baviaanspoort 330 JR - downstream of Baviaanspoort WTWW on Pienaarsriver	A23 Baviaanspoort 330 JR - downstream of Baviaanspoort WTWW on Pienaarsriver
		A23 Swavelpoort tributary 2 Pienaars below Boschkop bridge	A23 Swavelpoort tributary 2 Pienaars below Boschkop bridge	A23 Swavelpoort tributary 2 Pienaars below Boschkop bridge	A23 Swavelpoort tributary 2 Pienaars below Boschkop bridge	A23 Swavelpoort tributary 2 Pienaars below Boschkop bridge
		A23 Roodeplaat dam outflow @ kwa-Mhlanga rd @ bridge	A23 Roodeplaat dam outflow @ kwa-Mhlanga rd @ bridge	A23 Roodeplaat dam outflow @ kwa-Mhlanga rd @ bridge	A23 Roodeplaat dam outflow @ kwa-Mhlanga rd @ bridge	A23 Roodeplaat dam outflow @ kwa-Mhlanga rd @ bridge
		A23 Pienaars (plat) river at Pienaars river town	A23 Pienaars (plat) river at Pienaars river town	A23 Pienaars (plat) river at Pienaars river town	A23 Pienaars (plat) river at Pienaars river town	A23 Pienaars (plat) river at Pienaars river town
		A23 Platspruit in Warmbath	A23 Platspruit in Warmbath	A23 Platspruit in Warmbath	A23 Platspruit in Warmbath	A23 Platspruit in Warmbath

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
		A21 Rietvlei 02 on dirt road just downstream of bridge	A21 Rietvlei 02 on dirt road just downstream of bridge	A21 Rietvlei 02 on dirt road just downstream of bridge	A21 Rietvlei 02 on dirt road just downstream of bridge	A21 Rietvlei 02 on dirt road just downstream of bridge
		A21 Rietvlei 03 upstream of sewage work close to bridge	A21 Rietvlei 03 upstream of sewage work close to bridge	A21 Rietvlei 03 upstream of sewage work close to bridge	A21 Rietvlei 03 upstream of sewage work close to bridge	A21 Rietvlei 03 upstream of sewage work close to bridge
		A21 Rietvlei 06 downstream of farm dam on road r23	A21 Rietvlei 06 downstream of farm dam on road r23	A21 Rietvlei 06 downstream of farm dam on road r23	A21 Rietvlei 06 downstream of farm dam on road r23	A21 Rietvlei 06 downstream of farm dam on road r23
		Kaalspruit 60m d/s of Olifantsfontein - midrand old tar road	Kaalspruit 60m d/s of Olifantsfontein - midrand old tar road	Kaalspruit 60m d/s of Olifantsfontein - midrand old tar road	Kaalspruit 60m d/s of Olifantsfontein - midrand old tar road	Kaalspruit 60m d/s of Olifantsfontein - midrand old tar road
		A21 Hennops 01 on Skurweberg dirt road at small bridge	A21 Hennops 01 on Skurweberg dirt road at small bridge	A21 Hennops 01 on Skurweberg dirt road at small bridge	A21 Hennops 01 on Skurweberg dirt road at small bridge	A21 Hennops 01 on Skurweberg dirt road at small bridge
		A21 Hennops 03 at Zwartkops lapa	A21 Hennops 03 at Zwartkops lapa	A21 Hennops 03 at Zwartkops lapa	A21 Hennops 03 at Zwartkops lapa	A21 Hennops 03 at Zwartkops lapa
		A21 Hennops 02 at bridge close to Erasmia	A21 Hennops 02 at bridge close to Erasmia	A21 Hennops 02 at bridge close to Erasmia	A21 Hennops 02 at bridge close to Erasmia	A21 Hennops 02 at bridge close to Erasmia
		A21 Rietspruit 01 @ old bridge behind Sutherland ridge	A21 Rietspruit 01 @ old bridge behind Sutherland ridge	A21 Rietspruit 01 @ old bridge behind Sutherland ridge	A21 Rietspruit 01 @ old bridge behind Sutherland ridge	A21 Rietspruit 01 @ old bridge behind Sutherland ridge
		A21 Riet spruit 02 @ bridge in Rasiouwah	A21 Riet spruit 02 @ bridge in Rasiouwah	A21 Riet spruit 02 @ bridge in Rasiouwah	A21 Riet spruit 02 @ bridge in Rasiouwah	A21 Riet spruit 02 @ bridge in Rasiouwah
		A21 Swartbooispruit @ bridge on R511 from R28 to Erasmia	A21 Swartbooispruit @ bridge on R511 from R28 to Erasmia	A21 Swartbooispruit @ bridge on R511 from R28 to Erasmia	A21 Swartbooispruit @ bridge on R511 from R28 to Erasmia	A21 Swartbooispruit @ bridge on R511 from R28 to Erasmia
		A21 Kaalspruit 01 @ bridge from centurion to Olifantsfontein	A21 Kaalspruit 01 @ bridge from centurion to Olifantsfontein	A21 Kaalspruit 01 @ bridge from centurion to Olifantsfontein	A21 Kaalspruit 01 @ bridge from centurion to Olifantsfontein	A21 Kaalspruit 01 @ bridge from centurion to Olifantsfontein
		A23 Sandriver 2 Rosslyn industrial areas	A23 Sandriver 2 Rosslyn industrial areas	A23 Sandriver 2 Rosslyn industrial areas	A23 Sandriver 2 Rosslyn industrial areas	A23 Sandriver 2 Rosslyn industrial areas
		A23 Soshanguve tributary of Aples River	A23 Soshanguve tributary of Aples River	A23 Soshanguve tributary of Aples River	A23 Soshanguve tributary of Aples River	A23 Soshanguve tributary of Aples River
		Soutspanspruit upstream of Rietgat sewage work	Soutspanspruit upstream of Rietgat sewage work	Soutspanspruit upstream of Rietgat sewage work	Soutspanspruit upstream of Rietgat sewage work	Soutspanspruit upstream of Rietgat sewage work
		A23 Tolwane river 2, Jericho @ bridge	A23 Tolwane river 2, Jericho @ bridge	A23 Tolwane river 2, Jericho @ bridge	A23 Tolwane river 2, Jericho @ bridge	A23 Tolwane river 2, Jericho @ bridge
		A2unspoudek sjambok zynoude kraal 258 JR about 820m u/s of sandrivier c confluence	A2unspoudek sjambok zynoude kraal 258 JR about 820m u/s of sandrivier c confluence	A2unspoudek sjambok zynoude kraal 258 JR about 820m u/s of sandrivier c confluence	A2unspoudek sjambok zynoude kraal 258 JR about 820m u/s of sandrivier c confluence	A2unspoudek sjambok zynoude kraal 258 JR about 820m u/s of sandrivier c confluence
		A2 Sandnoot Nootgedacht 256 JR about 380m u/s Sandrivier	A2 Sandnoot Nootgedacht 256 JR about 380m u/s Sandrivier	A2 Sandnoot Nootgedacht 256 JR about 380m u/s Sandrivier	A2 Sandnoot Nootgedacht 256 JR about 380m u/s Sandrivier	A2 Sandnoot Nootgedacht 256 JR about 380m u/s Sandrivier
		A2 Tolnoot Tolwane upstream of Klippgat sewage work on Tolwane	A2 Tolnoot Tolwane upstream of Klippgat sewage work on Tolwane	A2 Tolnoot Tolwane upstream of Klippgat sewage work on Tolwane	A2 Tolnoot Tolwane upstream of Klippgat sewage work on Tolwane	A2 Tolnoot Tolwane upstream of Klippgat sewage work on Tolwane
		ISG 1 Itsoeseng tributary	ISG 1 Itsoeseng tributary	ISG 1 Itsoeseng tributary	ISG 1 Itsoeseng tributary	ISG 1 Itsoeseng tributary
		ISG2 Itsoeseng tributary	ISG2 Itsoeseng tributary	ISG2 Itsoeseng tributary	ISG2 Itsoeseng tributary	ISG2 Itsoeseng tributary
		ISG 3 Itsoeseng tributary confluence	ISG 3 Itsoeseng tributary confluence	ISG 3 Itsoeseng tributary confluence	ISG 3 Itsoeseng tributary confluence	ISG 3 Itsoeseng tributary confluence

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
		SR4 tributary at Garankuwa next to bp garage	April – June at Garankuwa next to bp garage	July - September at Garankuwa next to bp garage	October - December at Garankuwa next to bp garage	January – March at Garankuwa next to bp garage
		Tol 3 Tolvane river at Madidi	April – June at Tol 3 Tolvane river at Madidi	July - September at Tol 3 Tolvane river at Madidi	October - December at Tol 3 Tolvane river at Madidi	January – March at Tol 3 Tolvane river at Madidi
		Sandriver confluence at spruit from Medunsa	April – June at Sandriver confluence at spruit from Medunsa	July - September at Sandriver confluence at spruit from Medunsa	October - December at Sandriver confluence at spruit from Medunsa	January – March at Sandriver confluence at spruit from Medunsa
<b>Total</b>	<b>95</b> <b>347</b>		<b>95</b> <b>347</b>	<b>95</b> <b>347</b>	<b>95</b> <b>347</b>	<b>95</b> <b>347</b>

**PPI 2.2.5 Number of strategic points monitored for ground water resource quality**

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
Crocodile West Marico	10	195737	10	195737	195737	195737
		195743		195743	195743	195743
		900190178		900190178	900190178	900190178
		900190182		900190182	900190182	900190182
		195132		195132	195132	195132
		D4N0101		D4N0101	D4N0101	D4N0101
		D4N0108		D4N0108	D4N0108	D4N0108
Limpopo Main	0	D4N0145		D4N0145	D4N0145	D4N0145
		D4N0855		D4N0855	D4N0855	D4N0855
		D4N2647		D4N2647	D4N2647	D4N2647
			0	0	0	0
			0	0	0	0
<b>Total</b>	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>	

**PPI 2.2.6 Number of strategic points monitored for ground water resource levels**

Sub-catchment area	Total number	Names	Planned inspections per quarter				
			April – June	July - September	October - December	January – March	
Crocodile West Marico	65	A2N0010	65	A2N0010	A2N0010	A2N0010	
		A2N0011		A2N0011	A2N0011	A2N0011	
		A2N0029		A2N0029	A2N0029	A2N0029	
		A2N0087		A2N0087	A2N0087	A2N0087	
		A2N0091		A2N0091	A2N0091	A2N0091	
		A2N0100		A2N0100	A2N0100	A2N0100	
		A2N0119		A2N0119	A2N0119	A2N0119	
		A2N0121		A2N0121	A2N0121	A2N0121	
		A2N0124		A2N0124	A2N0124	A2N0124	
		A2N0131		A2N0131	A2N0131	A2N0131	
		A2N0136		A2N0136	A2N0136	A2N0136	
		A2N0138		A2N0138	A2N0138	A2N0138	
		A2N0139		A2N0139	A2N0139	A2N0139	

Sub-catchment area	Total number	Names	Planned inspections per quarter				
			April – June	July – September	October - December	January – March	
		A2N0141	A2N0141	A2N0141	A2N0141	A2N0141	A2N0141
		A2N0142	A2N0142	A2N0142	A2N0142	A2N0142	A2N0142
		A2N0143	A2N0143	A2N0143	A2N0143	A2N0143	A2N0143
		A2N0145	A2N0145	A2N0145	A2N0145	A2N0145	A2N0145
		A2N0146	A2N0146	A2N0146	A2N0146	A2N0146	A2N0146
		A2N0524	A2N0524	A2N0524	A2N0524	A2N0524	A2N0524
		A2N0528	A2N0528	A2N0528	A2N0528	A2N0528	A2N0528
		A2N0534	A2N0534	A2N0534	A2N0534	A2N0534	A2N0534
		A2N0535	A2N0535	A2N0535	A2N0535	A2N0535	A2N0535
		A2N0624	A2N0624	A2N0624	A2N0624	A2N0624	A2N0624
		A2N0627	A2N0627	A2N0627	A2N0627	A2N0627	A2N0627
		A2N0631	A2N0631	A2N0631	A2N0631	A2N0631	A2N0631
		A2N0632	A2N0632	A2N0632	A2N0632	A2N0632	A2N0632
		A2N0637	A2N0637	A2N0637	A2N0637	A2N0637	A2N0637
		A2N0638	A2N0638	A2N0638	A2N0638	A2N0638	A2N0638
		A2N0640	A2N0640	A2N0640	A2N0640	A2N0640	A2N0640
		A2N0641	A2N0641	A2N0641	A2N0641	A2N0641	A2N0641
		A2N0642	A2N0642	A2N0642	A2N0642	A2N0642	A2N0642
		A2N0647	A2N0647	A2N0647	A2N0647	A2N0647	A2N0647
		A2N0656	A2N0656	A2N0656	A2N0656	A2N0656	A2N0656
		A2N0657	A2N0657	A2N0657	A2N0657	A2N0657	A2N0657
		A2N0658	A2N0658	A2N0658	A2N0658	A2N0658	A2N0658
		A2N0659	A2N0659	A2N0659	A2N0659	A2N0659	A2N0659
		A2N0660	A2N0660	A2N0660	A2N0660	A2N0660	A2N0660
		A2N0670	A2N0670	A2N0670	A2N0670	A2N0670	A2N0670
		A2N0678	A2N0678	A2N0678	A2N0678	A2N0678	A2N0678
		A2N0679	A2N0679	A2N0679	A2N0679	A2N0679	A2N0679
		A2N0680	A2N0680	A2N0680	A2N0680	A2N0680	A2N0680
		A2N0687	A2N0687	A2N0687	A2N0687	A2N0687	A2N0687
		A2N0692	A2N0692	A2N0692	A2N0692	A2N0692	A2N0692
		A2N0693	A2N0693	A2N0693	A2N0693	A2N0693	A2N0693
		A2N0729	A2N0729	A2N0729	A2N0729	A2N0729	A2N0729
		A2N0747	A2N0747	A2N0747	A2N0747	A2N0747	A2N0747
		A2N0757	A2N0757	A2N0757	A2N0757	A2N0757	A2N0757
		A2N0125	A2N0125	A2N0125	A2N0125	A2N0125	A2N0125
		A2N0135	A2N0135	A2N0135	A2N0135	A2N0135	A2N0135
		A2N0580	A2N0580	A2N0580	A2N0580	A2N0580	A2N0580
		A2N0572	A2N0572	A2N0572	A2N0572	A2N0572	A2N0572
		A2N0610	A2N0610	A2N0610	A2N0610	A2N0610	A2N0610
		A2N0566	A2N0566	A2N0566	A2N0566	A2N0566	A2N0566
		A2N0567	A2N0567	A2N0567	A2N0567	A2N0567	A2N0567
		A2N0612	A2N0612	A2N0612	A2N0612	A2N0612	A2N0612
		A2N0614	A2N0614	A2N0614	A2N0614	A2N0614	A2N0614
		A2N0615	A2N0615	A2N0615	A2N0615	A2N0615	A2N0615
		A2N0616	A2N0616	A2N0616	A2N0616	A2N0616	A2N0616
		A2N0559	A2N0559	A2N0559	A2N0559	A2N0559	A2N0559
		A2N0558	A2N0558	A2N0558	A2N0558	A2N0558	A2N0558
		A2N0553	A2N0553	A2N0553	A2N0553	A2N0553	A2N0553
		A2N0602	A2N0602	A2N0602	A2N0602	A2N0602	A2N0602
		A2N0592	A2N0592	A2N0592	A2N0592	A2N0592	A2N0592
		A2N0607	A2N0607	A2N0607	A2N0607	A2N0607	A2N0607
		A2N0606	A2N0606	A2N0606	A2N0606	A2N0606	A2N0606

Sub-catchment area	Total number	Names	Planned inspections per quarter			
			April – June	July - September	October - December	January – March
Limpopo Main	0		0	0	0	0
Olifants	0		0	0	0	0
<b>Total</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>



