



DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

ACHIEVEMENTS

A YEAR IN REVIEW: 2018 – 2019



Western Cape
Government

DEPARTMENTAL OVERVIEW

With the remarkable landscapes and the uniquely diverse culture of the Western Cape, it is the responsibility of our Department to conserve the environment for future generations by preventing environmental ruin. Our Department is responsible for making informed decisions based on South African environmental legislation while also being aware of how other legislation impacts on these decisions.



VISION A resilient, sustainable, quality and inclusive living environment.

MISSION To promote a resilient, sustainable, quality and inclusive living environment in support of human well-being.

ACHIEVED OVER
90%
OF TARGETS

**UNQUALIFIED
AUDIT**
CONSECUTIVELY SINCE 2009

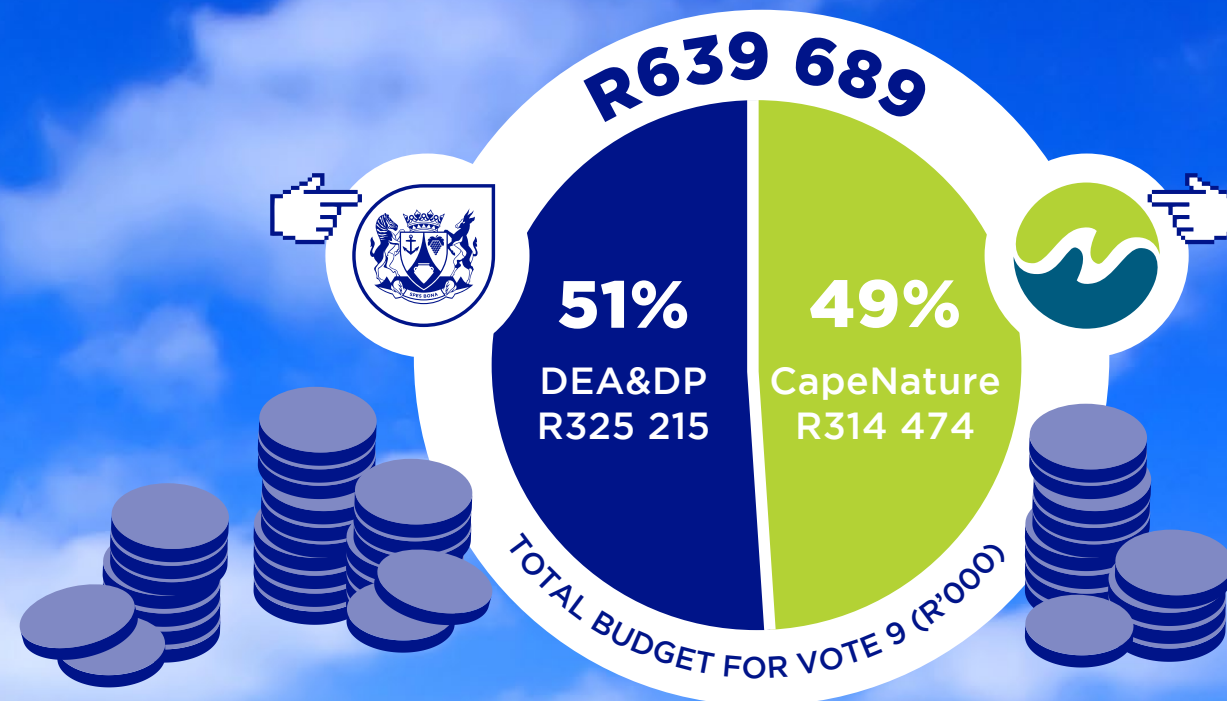
The Department obtained its 10th consecutive **UNQUALIFIED AUDIT** opinion for the 2018/19 financial year.

10 ✓



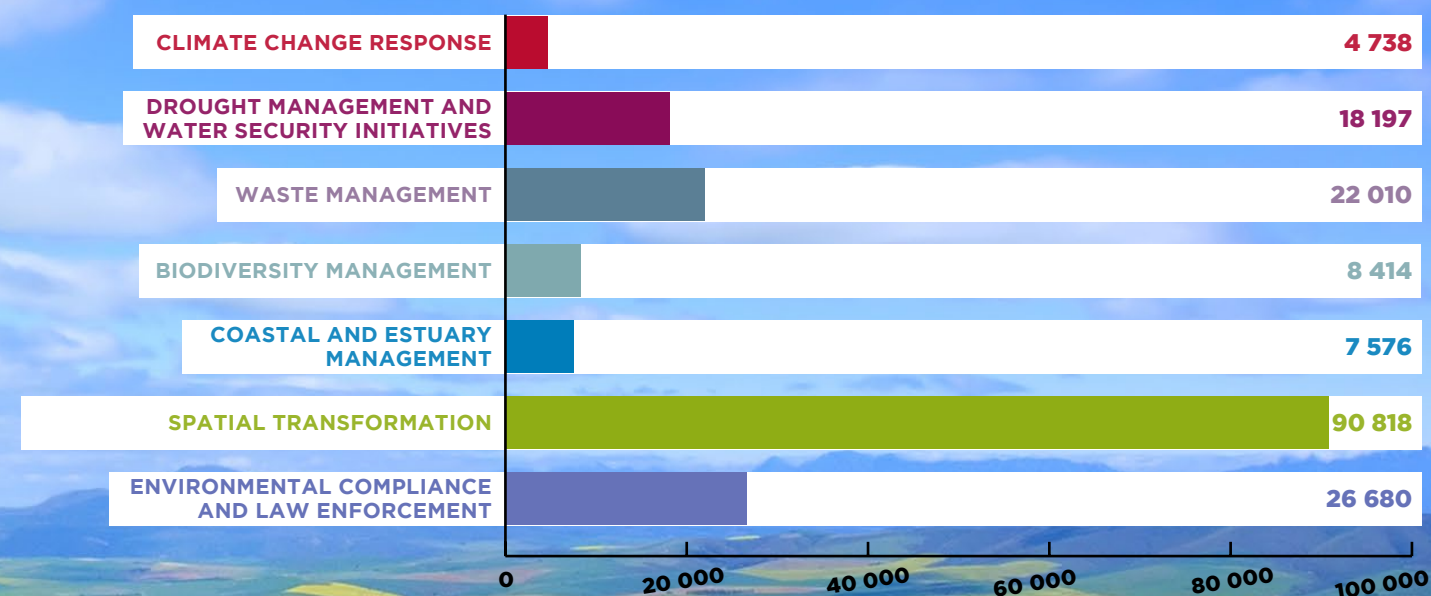
The Department has a **FULL SMS** compliment.

Our **GENDER MAINSTREAMING FORUM** drives the gender mainstreaming agenda, directs strategic engagement so that the Departmental activities, projects and programmes can be transformed appropriately and provides guidance with respect to the Department's Gender Mainstreaming efforts.



DEA&DP KEY POLICY PRIORITIES

2019 BUDGET R'000



PROGRAMME BUDGET ALLOCATION

2019 BUDGET R'000
TOTAL 639 689



CLIMATE CHANGE

We are mandated to coordinate and mainstream climate change response in the Western Cape. To do this, multiple research products have been commissioned to inform sector decision-making, as well as supporting various departments to develop their relevant sector plans; however, disseminating the key messages from these products have been challenging.

The Western Cape Government, under the leadership of our Department, continues its global contributions under The Climate Group – States and Regions Alliance and the Under2 Coalition, in responding to climate change as a regional government, by publicly committing to undertake a 2050 Emissions Pathway Analysis. The 2050 Emissions Pathway Analysis will be used to identify actions that need to be implemented by 2050 to support the just transition to a low carbon economy.



CLIMATE CHANGE PROJECTS TIME LINE

FROM 2005 – 2018

Overview of the major climate change projects and reports in the Western Cape over the last 13 years.

CLIMATE RESILIENT INFRASTRUCTURE

Our Department has been working alongside the Department of Local Government, DBSA and the French Development Agency to support the creation of the Sustainable Infrastructure Development and Finance Facility for municipal infrastructure.

IF WE ADAPT TO CLIMATE CHANGE NOW IN THE NEXT DECADE

- 33%** improvement in our GDP growth
- 12.4%** increase in employment
- 6.4%** increase in regional exports from the Western Cape.



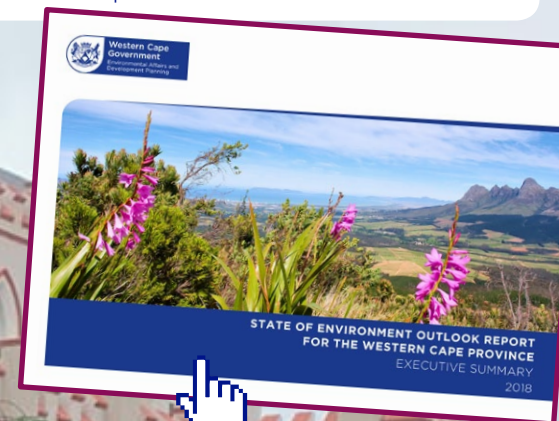
REDUCE YOUR CARBON FOOTPRINT

Your carbon footprint is the sum of all direct and indirect greenhouse gas emissions caused by your lifestyle choices in a given time frame.



NOW

THE STATE OF ENVIRONMENT REPORT was produced in the previous financial year and its evidence is a declining State of Our Environment. It is the overall declining trends of the natural environment that is of concern, as this continues the trend seen in the 2nd Western Cape State of Environment Outlook Report.



SUSTAINABILITY



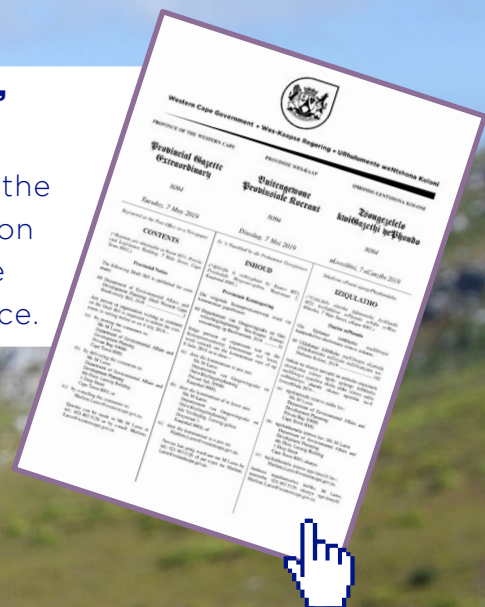
PROCUREMENT SUPPORT

Our Department played a central role in supporting Sustainable Public Procurement through the development and roll-out of the Provincial Economic Procurement Policy.



BIODIVERSITY BILL AIMS TO “FUTUREPROOF” THE CAPE’S NATURAL RESOURCES

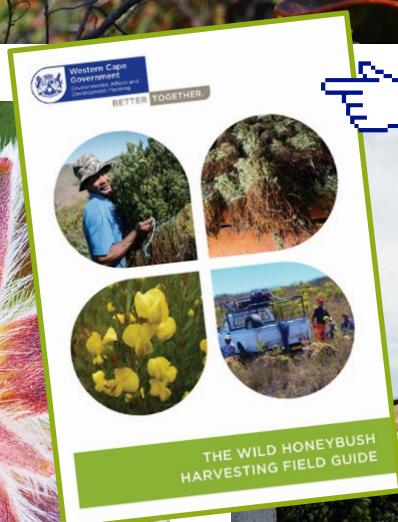
The newly released Biodiversity Bill provides for the framework and institutions for nature conservation and the protection, management and sustainable use of biodiversity and ecosystems in the Province.



ECOLOGICAL INVESTMENT INFRASTRUCTURE FRAMEWORK

The Draft Bill will serve as a key informant to promote and coordinate conservation, restoration and alien clearing activities whilst delivering goods and services (e.g. water), jobs and safe living conditions.

BIODIVERSITY MANAGEMENT



HONEYBUSH SMALL INDUSTRY BIG POTENTIAL

COASTAL AND ESTUARY MANAGEMENT

THE STATE OF THE COAST REPORT

describes the condition of the biophysical, socio-economic and institutional environments as they relate to the coastal zone. The report describes the current condition as the baseline and uses historical information, where available, to assess changes to the coast over time.

CLICK TO READ MORE ABOUT THE
9 COASTAL THEMES



**THE WESTERN CAPE HAS
PLAYED A LEAD ROLE WITH THE
DETERMINATION OF COASTAL
RISK AND IS IN THE PROCESS OF
ESTABLISHING THE CML FOR THE
CITY OF CAPE TOWN.**

Our Department is in the process of establishing coastal management lines (CML) along the Provincial coastline to protect the coast, coastal communities and to inform future development.

The Department is also supporting Municipalities to integrate the CML information into their planning.

Our Department and CapeNature work closely together in the implementation of the Western Cape Estuary Management Programme.



WE HOSTED THE
PLANNING AFRICA
CONFERENCE IN 2018



DEVELOPMENT PLANNING

Provincial Development Planning Intelligence Management Framework

Provincial Spatial Planning and Land Use Management Governance and Performance Management System

Land Use Planning Guidelines, Rural Areas

Spatial Planning and Land Use Management Support and Capacity Building Strategy

Environmental Support and Capacity Building Strategy

Regional Planning and Management Implementation Strategy

Land Assembly, Catalytic Initiative and Regeneration Programme

Municipal Support and Capacity Building Strategy

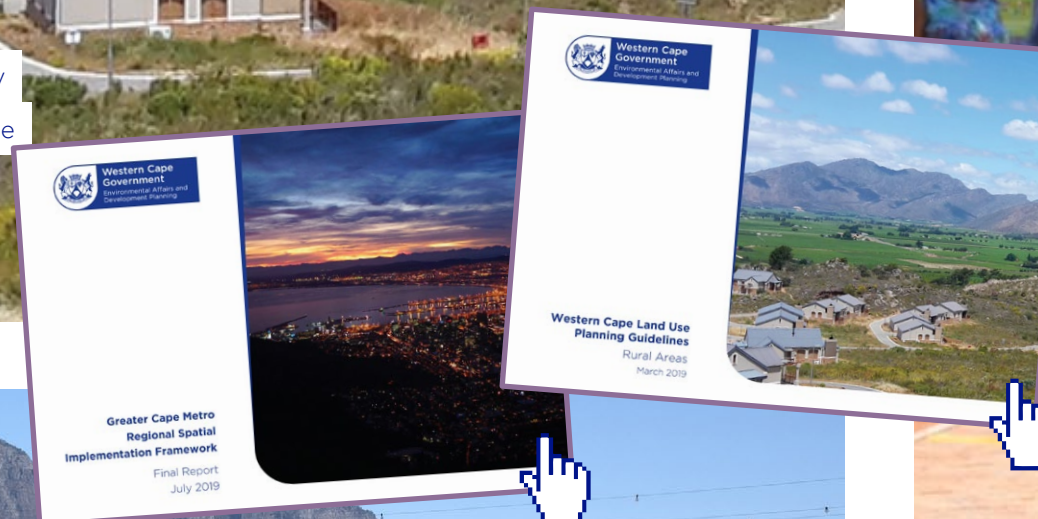
97%

of EIA applications were finalised
within legislated timeframes for the
last **5 YEARS.**

ENVIRONMENTAL IMPACT ASSESSMENT

40

The number of Environmental
Impact Assessment and Land Use
Planning capacity building workshops
that our Department facilitated,
presented or participated in.



SWARTLAND COMMUNITY SPORTS CENTRE

The new Swartland Community Sports Centre was formally opened on 17 May. The centre has been built by the charity Hope Through Action and is open for use by all the Malmesbury and wider Swartland residents and is specifically designed to **ENABLE YOUNG PEOPLE** to develop their life skills through the **POWER OF SPORT.**

PEDESTRIAN BRIDGE AND WALKWAY IN TOUWSRIVIER

On 8 October 2019, a pedestrian bridge and walkway, that form part of the first infrastructure upgrades in the town, was opened. This pedestrian bridge **'BRIDGES' THE DIVIDE** between Steenvliet, a disadvantaged and segregated community (as a result of previous planning policies) and the rest of the town.

VIBRANT STREET FOR ZWELETHEMBA RESIDENTS

The Zwelethemba Commercial Corridor Precinct Project has been underway for the past 2,5 years. Our Department contributed **R5.7 MILLION** towards the project. The 17 October 2019 official opening marked the culmination of the implementation of interventions emanating from the Zwelethemba Commercial Corridor Precinct Plan.



RSEP

The **REGIONAL SOCIO-ECONOMIC PROGRAMME** continues to be one of the Western Cape Government's priority strategic initiatives. The Programme is supporting (financially, operationally and/or technically) a large number and huge variety of projects.



AIR QUALITY MANAGEMENT

The Department maintained the 12 ambient air quality monitoring stations, which are located in Mossel Bay (previously in Dana Bay), George, Hermanus, Hout Bay, Khayelitsha, Malmesbury, Oudtshoorn, St Helena Bay, Stellenbosch, Vissershok, Worcester and Paarl.

DRONE TECHNOLOGY

In the quest to become more agile and also increasing its focus on screening air pollutants in specific areas in the Province, our Department has explored the use of alternative ambient air quality monitoring technologies.

The use of **4IR TECHNOLOGY** such as a portable air sampling unit **ATTACHED TO A DRONE** makes it possible for air quality officials to monitor air quality particularly in areas that are not easily accessible nor practical for locating a continuous ambient air quality monitoring station.

The air quality data to be collected will be used to **INFORM HUMAN HEALTH RISK** in the Western Cape, which is in line with the Department's Strategic Objectives and to strengthen the linkages between clean air and health benefits; as well as inform Climate Change response strategies linked to air quality and human health.



30

30 Air Quality Management Plans have been adopted and are being implemented in the Province.

TRANSITIONING FROM FLUORINATED GASES (AND OTHERS) TO GREEN COOLING SOLUTIONS

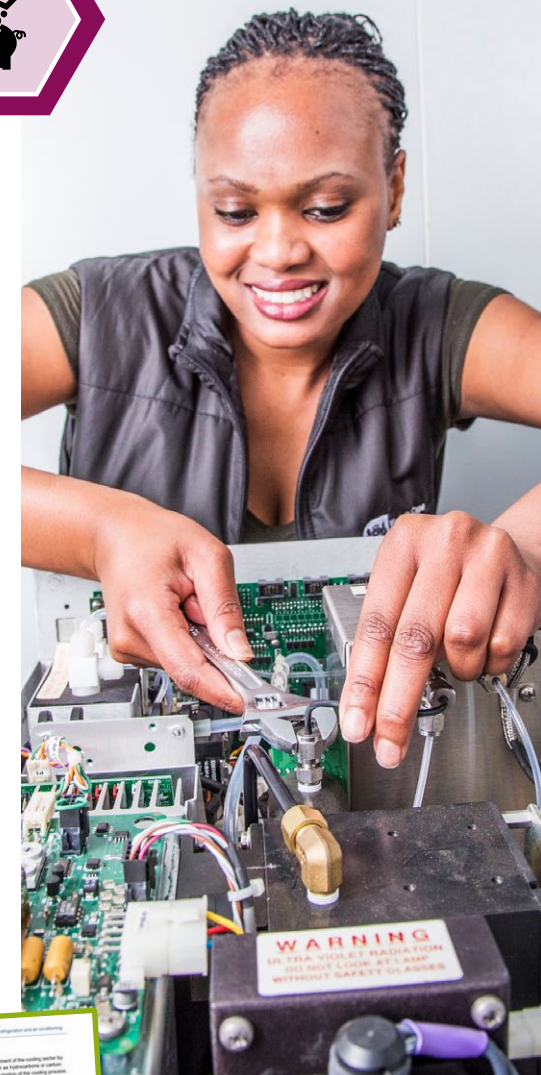
Stemming from a successful bilateral relationship for over 20 years, the Free State of Bavaria and the Western Cape Government have embarked on a partnership project on the "transition to climate-friendly refrigeration and air conditioning", in 2017. The Refrigeration and Air Conditioning (RAC) project saw the two governments working closely to reduce emissions of harmful refrigeration chemicals to the atmosphere,

WHAT THE F

which is in line with the 2016 Kigali Amendment to the Montreal Protocol: Hydrofluorocarbons Phase-down.

PREPARING TO HOST THE 15TH INTERNATIONAL CONFERENCE ON MERCURY

The next and 15th International Conference on Mercury as a Global Pollutant (ICMGP) will be held in Cape Town, during July 2021. This was achieved through a winning bid, presented by the Proposal Bid Team, with representation from our Department.



COMPLIANCE AND ENFORCEMENT

According to INTERPOL, **ENVIRONMENT CRIMINALITY** has diversified and skyrocketed to become the world's **4TH LARGEST CRIME SECTOR**, after drugs, counterfeits and human trafficking.



R3.6 million

Our Department has partnered with the South African National Biodiversity Institute (SANBI) to establish a project to combat the illegal clearing of indigenous vegetation within the Cape Winelands District Municipality. South Africa is home to three of the World's Biodiversity Hotspots, of which two are found in the Cape Winelands District Municipality. This initiative has enabled the Department to foster closer relationships with the relevant role players; conduct additional awareness raising programme and launched strategic intergovernmental enforcement operations.

14

Criminal investigations finalised during the reporting period and handed to the National Prosecuting Authority ("NPA").

With the culmination of our Department's criminal investigations, successful prosecutions has resulted in significant convictions.

One of which involved a confiscation order amounting to **R3.5 million** of which **R1.25 million** was paid to the Department to be used for the combating Environmental crimes and the enhancement of Environmental Law Enforcement activities.

Actions taken for non-compliance with environmental legislation during the reporting period.

230



IT IS ONLY BY WAY OF FOCUSED INTERGOVERNMENTAL COOPERATION BETWEEN ENVIRONMENTAL LAW ENFORCEMENT AGENCIES, THAT SERIOUS AND COMPLEX CASES CAN SUCCESSFULLY BE RESOLVED.

MANAGEMENT COMPLIANCE INSPECTIONS CONDUCTED

326

212 Environmental Law Enforcement
73 Waste
4 Air Quality
20 Section 24G
17 Appeals

While taking the profits out of crime through confiscation orders, the Directorate has further ensured the establishment and **preservation of 37 hectares** of conservation land in the highly contested West Coast Sandveld Region.



26

S24G applications finalised



WASTE MANAGEMENT

There are **NINE REGIONAL WASTE MANAGEMENT FACILITIES** in the Province in various stages of development, where our Department plays a facilitation and supporting role. This will reduce the environmental impacts of waste management disposal facilities, because these regional waste disposal facilities will modernise facilities, which will be well operated. The establishment of regional waste disposal facilities is usually also associated with the increase in transport cost however, the cost can be minimised by the aggressive recovery recyclables and the treatment of waste as close to source of production as possible. This being pursued in the establishment of the Eden District regional waste disposal facility and the construction of a new cell at the Karwyderskraal regional waste disposal facility in the Overberg District, facilitated by the Department.



100%

Waste management applications finalised within legislative timeframes. Above the sector target.



TRIKE PROJECT

Eleven informal waste recyclers from Cape Town, received their very own Waste Trikes from our Department, marking the completion of an innovative new project that seeks to better capacitate these entrepreneurs. The eleven recyclers have also been provided with training in bicycle maintenance, waste collection and basic first aid. The bikes and the support training will be sure to help them more forward and make a better living for themselves.



2WISE 2WASTE



Jocelyn van der Ross of Green Spot Recycling whose recycling business covers **80%** of the Franschhoek area.

2W2W is an environmental resource efficiency programme aimed at reducing environmental impacts of the operations of the Western Cape Government through the implementation of practices such as recycling of waste and using water and energy efficiently.

A strong focus of our Department is also on addressing pollution matters and the risk to water resources, including the management of emergency incidents and the remediation of contaminated land.

SECTION 30 INCIDENTS

Unexpected, sudden and uncontrolled release of a hazardous substance, including from a major emission, fire or explosion, that causes harm to the environment, human life or property can be easily reported and all the steps have been lined out on our website.

42

River and estuarine sites monitored in respect of pollution control.

POLLUTION AND CHEMICALS MANAGEMENT

We completed the revision of the Sustainable Water Management Plan, that has a strong focus on the importance of protecting and restoring ecological infrastructure, diversifying water supply options, developing sustainable alternative financing mechanisms for water services, and stronger integration of development and water supply planning.



BRIP

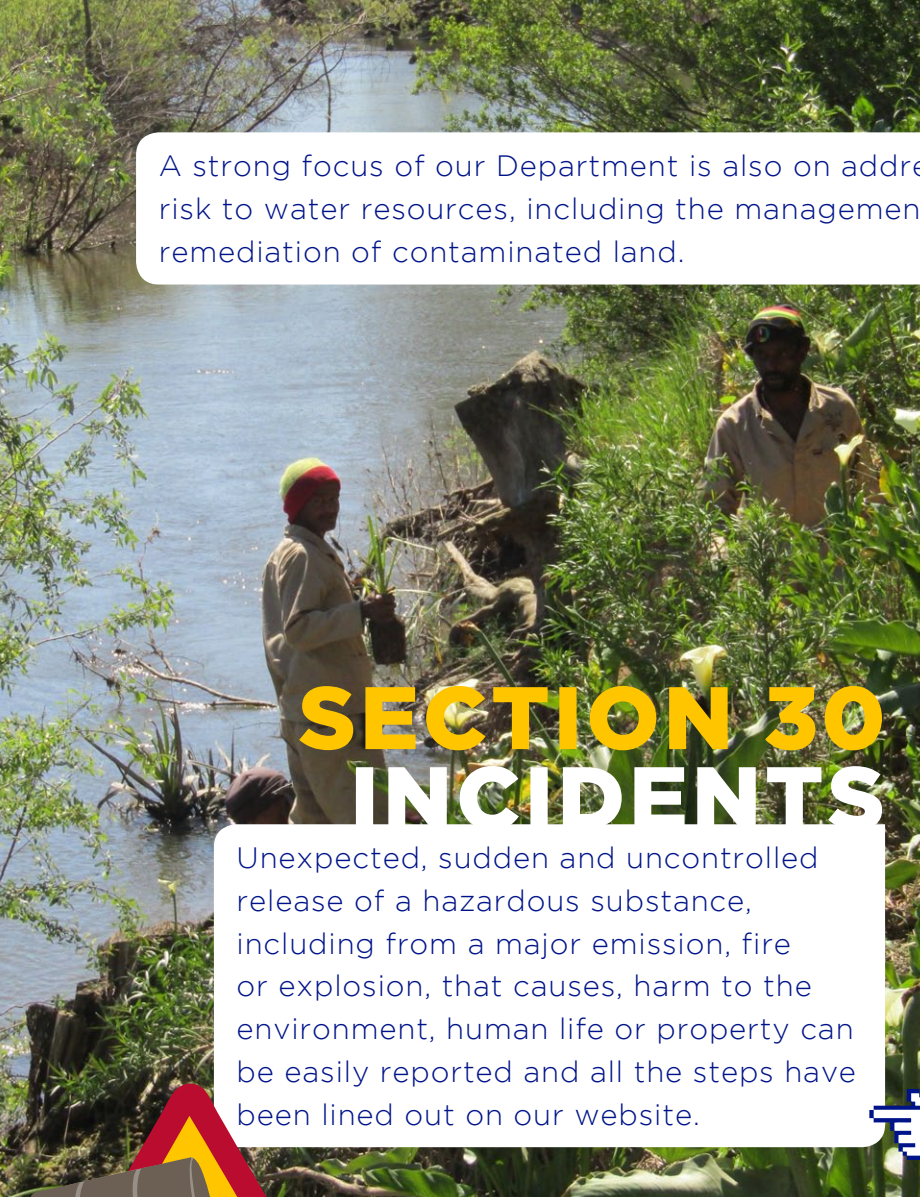
THE BERG RIVER IMPROVEMENT PLAN

The aim of the BRIP is to address the water quality concerns in the Berg River catchment. The Plan advocates the development of a Water Stewardship Programme through which government departments and agencies work collaboratively with the private and NGO sector on improving and sustaining our shared freshwater resources. Much success has been achieved, especially in terms of continued water quality monitoring and management interventions; rehabilitation of riparian areas and the creation of job opportunities as well as bioremediation interventions to improve the water quality of storm water run-off from informal areas.



ERPP

The concept of River Improvement Plans, now termed **Environmental Resource Protection Plans (ERPP)**, has been extended to the Breede River catchment, with the development of the Breede River ERPP





21

Environmental awareness activities conducted

62

Environmental capacity building activities conducted



Work opportunities created through environmental programmes



39



The Environmental Education and Awareness team is rolling out training on an e-learning platform for Intermediate Phase Natural Science and Technology teachers. The platform is based on the “Moodle-based” Education system for Sustainable Development (ESD) and links material archives from local and global partners to South African classrooms. The training improves digital literacy of the teachers and widens the approaches and materials available for teaching science topics to learners. The Western Cape Environmental Education Forum continues to provide a network for educators across the Province and multiple organisations for peer learning and experiential learning opportunities.



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THE VISION-INSPIRED PRIORITIES



**Western Cape
Government**

Environmental Affairs and
Development Planning

BETTER TOGETHER.

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