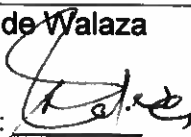
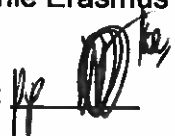
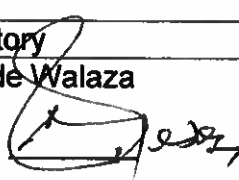


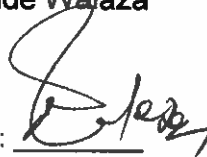
Annexure E - Technical Indicator Descriptions for 2019/20 Environmental Affairs APP Indicators

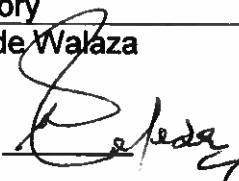
1. ENVIRONMENTAL POLICY, PLANNING AND COORDINATION

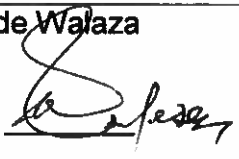
Indicator title	Number of legislative tools reviewed and/or developed
Short definition	Shows the number of environmental legislative tools developed; including regulations, norms and standards, guidelines and environmental management plans developed to inform environmental decision making. <ul style="list-style-type: none"> • EMF: Environmental Management Framework • SoER: State of Environment Report • SEA: Strategic Environmental Assessment • EIP: Environmental Implementation Plan • AQMP: Air Quality Management Plan • IWMP: Integrated Waste Management Plan • IDP: Integrated Development Plan
Purpose/importance	To guide and inform environmental decision making at policy, programme and project level. To also ensure that all stakeholders adhere to all relevant environmental law and legislation.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Demand driven; simple count Evidence = Approved EIP from DESTEA or Approved IWMP from municipalities or Approved IDP from FS Municipalities or Approved AQMP from Provincial and FS Municipalities or Approved EMF from Municipality or Any other approved legislative tools Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Stakeholders not corporative in terms of proving required data for review process Stakeholders not providing sufficient data. Stakeholders not providing data on time.
Type of indicator	Output (Approved report or documentation)
Calculation type	Non-cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Monde Walaza Signature:  Date: 13/06/2019

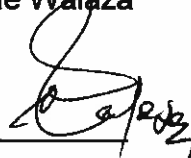
Indicator title	Number of environmental research projects completed.
Short definition	The collective number of different types of research projects completed during the reporting period. This includes reviews, scientific research projects, monitoring projects and collaborative projects.
Purpose/importance	To support environmental decision making, planning and policy development through credible data and evidence generated through research programmes.
Source/collection of data	EA Branch
Method of calculation & Evidence type	A research project is counted when a project has been finalized and approved by the Chief Director. A project is counted only once when finalised irrespective of the number of surveys done or reports compiled on the project during the reporting period. Evidence = Approved research reports and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Inaccessibility and unavailability of data.
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Coenie Erasmus Signature:  Date: 2019/06/13

Indicator title	Number of functional environmental information management systems maintained (EIMS).
Short definition	It shows the number of relevant environmental knowledge and information management systems (e.g. permit, GIS, Air Quality, WIS, Biodiversity Sector Plans (GIS based tool), Environmental Authorisations Information Management Tools e.g. NEAS, State of the Environment Web Portals, NECER etc.) that are effectively maintained and reported on.
Purpose/importance	Ensure the maintenance of environmental knowledge and information management systems/tools which provide critical and reliable information used to inform management decisions on policy development and interventions.
Source/collection of data	GIS of DESTEA WIS of DESTEA Other systems as stated in the short definition
Method of calculation & Evidence type	Simple count: Count every environmental information management system that is maintained and reported on (Number) Evidence = GIS maintained by Environmental Quality and Protection Chief Directorate evidence (Screenshot) or/and GIS maintained by Biodiversity Chief Directorate evidence (Screenshot) or/and WIS maintained by Environmental Quality and Protection Chief Directorate evidence (Screenshot) or/and Other systems as stated in the short definition (Screenshot from various sections including Biodiversity) Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Data source limitations and regularity of updates. Lack of integration between databases. Lack of integration between national and provincial databases. Lack of financial resources. Lack of stakeholder delivery of data (e.g. municipalities providing energy data).
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr Monde Walaza Signature:  Date: 13/08/2019


Indicator title	Number of IDPs reviewed for environmental content as per requirements (DA/3.5).
Short definition	Review of the municipal Integrated Development Plans by checking if environmental indicator/s tool/s are considered.
Purpose/importance	To promote sound, coordinated and aligned planning and best environmental practices within Municipalities in order to ensure environmental sustainability and adhering to NEMA.
Source/collection of data	Free State Municipalities; EA Branch, COGTA
Method of calculation & Evidence type	Simple count Evidence = IDP review reports of various municipalities; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitation	Demand driven, Depend on the municipality providing IDP's to be reviewed.
Type of indicator	Output (IDP Reports and/or Documents and Attendance register)
Calculation type	Simple count.
Reporting cycle	Annually
New indicator	No.
Desired performance	Satisfactory.
Indicator responsibility	Mr. Monde Walaza Signature:  Date: 13/08/2019


Indicator title	Number of climate change response interventions implemented.
Short definition	This refers to interventions implemented to respond to challenges and potential impacts of climate change. These include provincial climate change programmes, green-house gas mitigation, vulnerability and adaptation response programmes.
Purpose/importance	To mitigate against climate change and adapt to the impact of climate change in order to build climate change resilience, in line with the FS Province Climate Change Adaption and Response Strategy. Response: <ul style="list-style-type: none"> • The Strategy will be popularised at IDP Forum Meetings during the 4 Quarterly IDP Forum Meetings • Climate Change promotional awareness material for one or two key sectors will be developed and distributed to deserving and appropriate stakeholders • The Climate Change Bill will be presented to the environment sector departments once signed by the President into law • The department will attend COGTA, Provincial Disaster Management Committee Meetings and give support on climate change issues related to response, adaptation and mitigation.
Source/collection of data	EA Branch, Industry and Environment consultants
Method of calculation & Evidence type	Simple count Evidence = Project implementation reports signed by Chief Director Environmental Quality & Protection or for workshops/roadshows/training presentation material(s) with attendance registers; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Accuracy of information captured depends on reliability and availability of resources for implementation.
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Monde Walaza Signature:  Date: 13/06/2019


Indicator title	Number of intergovernmental sector tools reviewed.
Short definition	Review of provincial and municipal sector tools to facilitate integration of environmental content (e.g. Integrated Environmental Management Plans, Environmental Management Plans, Integrated Waste Management Plan, Air Quality Management Plans and Environment and Culture Sector Development Plan for EPWP)
Purpose/importance	To facilitate environmental cooperative governance and promote sustainable development across all spheres of government and promote sustainable development.
Source/collection of data	EA Branch; Municipalities
Method of calculation & Evidence type	Simple count Evidence = Approved IEMP/EMP from FS Municipalities or; Approved IWMP from FS Municipalities or; Approved AQMP from DESTEA or FS Municipalities or; Approved Environment & Culture Sector Development Plan (Provincial Department of Public Works incorporating E&C Plan of DESTEA or Internal to DESTEA Approved by HoD E&C Plan) Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; The completion of the review process depends on external processes and the reliability of data depends on the reliability of the information within the tools subjected for review; and the accuracy of the analysis done and records kept.
Type of indicator	Output (Approved report or documentation)
Calculation type	Non-cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	Higher
Indicator responsibility	Mr. Monde Walaza Signature:  Date: 13/06/2019

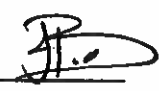
Indicator title	Number of road shows conducted at municipal level relating to climate change.
Short definition	This refers to the number of climate change roadshows in different municipal areas, including the metro within the Free State Province. The intension is to inform and educate municipal officials on relevant subject matters relating to climate change.
Purpose/importance	EA Branch (Environmental Education/Awareness, Climate Change
Source/collection of data	DESTEA EA records
Method of calculation & Evidence type	Simple count. Evidence=Presentation materials, attendance registers and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Low turn-out of stakeholders, resulting in workshops being cancelled and postponed.
Type of indicator	Output
Calculation type	Simple count.
Reporting cycle	Quarterly.
New indicator	Yes.
Desired performance	Higher
Indicator responsibility	Mr. Monde Wataza Signature:  Date: 13/06/2019


2. COMPLIANCE AND ENFORCEMENT

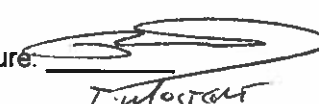
Indicator title	Number of completed green issue criminal investigations handed to the NPA for prosecution.
Short definition	The number of criminal enforcement actions completed for prosecution (finalised investigations in the form of J534s and criminal dockets handed to the NPA) in response to non-compliances with pollution, waste, air quality, impact assessment, protected areas, biodiversity and regulatory requirements including environmental authorizations, etc. (These are biodiversity related and are fauna and flora nature).
Purpose/importance	This indicator shows the number of criminal investigations completed by the Environmental Management Inspectorate and criminal dockets handed over for prosecution to the NPA. This is a reflection of the productivity of the Inspectorate in applying criminal sanctions to offenders in the green subsector. Enforcement activity required to punish offenders, apply the polluter-pays principle and deter would-be offenders.
Source/collection of data	DEA, EA Branch, Industry and Law Enforcement Agencies
Method of calculation & Evidence type	Simple count Evidence = Approved by Chief Director Biodiversity/DDG investigation reports, evidence of submission to NPA and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Expensive litigation process and illegal syndicates operations
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	Lower
Indicator responsibility	Mr. Andre Schlemmer Signature:  Date: 13/6/2019

Indicator title	Number of completed brown issue criminal investigations handed to NPA for prosecution.
Short definition	The number of criminal enforcement actions handed in for prosecution (finalised investigations in the form of J534s and criminal dockets handed to the NPA) in response to non-compliances with pollution, waste, air quality, impact assessment, protected areas, and regulatory requirements including environmental authorizations, etc. (These are non-biodiversity related and are not of fauna and flora nature).
Purpose/importance	This indicator shows the number of criminal investigations handed in by the Environmental Management Inspectorate and criminal dockets handed over for prosecution to the NPA. This is a reflection of the productivity of the Inspectorate in applying criminal sanctions to offenders in the brown subsector. Enforcement activity required to punish offenders, apply the polluter-pays principle and deter would-be offenders.
Source/collection of data	DEA, EA Branch, Industry and Law Enforcement Agencies, DESTEA
Method of calculation & Evidence type	Simple count Evidence = Approved by Chief Director Environmental Quality & Protection/DDG investigation report, evidence of submission to NPA and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Expensive litigation process and syndicates operations
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	Lower
Indicator responsibility	Ms. Nthabeleng Mahase Signature:  Date: 13/06/2019

Indicator title	Number of administrative enforcement notices issued for non-compliance with environmental legislation.
Short definition	The number of administrative enforcement actions issued (including administrative notices issued, pre-Directives, Directives, pre-Compliance notices and Compliance notices) in response to non-compliances with pollution, waste, air quality, impact assessment, protected areas, biodiversity and integrated coastal management legislative and regulatory requirements including environmental authorizations, etc. Note: A single case of non-compliance can have multiple enforcement notices issued against it.
Purpose/importance	To indicate the comprehensiveness of the monitoring of compliance with environmental legislation in the blue, green and brown sub-sectors and the issuing of administrative notices to bring offenders back into compliance where non-compliance/environmental harm is detected. Enforcement activity required to bring offenders into compliance, rehabilitate damage to the environment, apply the polluter-pays principle and deter would-be offenders.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count. Actual number of administrative actions issued. Evidence = Enforcement notice register, issued notices; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Lack of a national compliance and enforcement information system to capture the statistics in a live and consolidated manner. Inaccurate data capturing.
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Lower
Indicator responsibility	Ms. Nthabeleng Mahase Signature:  Date: 13/06/2019


Indicator title	Number of compliance inspections conducted for green issues.
Short definition	Number of inspections conducted to assess compliance with authorisations/permits issued in terms NEMA for pollution, waste, air quality, impact assessment, protected areas and biodiversity. This includes inspections arising from complaints and reports of non-compliance (Of biodiversity nature, and has a negative impact on the environment, including human life, plants and animals).
Purpose/importance	To monitor and enforce environmental transgressions, thus promote compliance and minimise actions that negate biodiversity protection and trade in protected and regulated species
Source/collection of data	DEA, DESTE EA Branch, Industry and Law Enforcement Agencies
Method of calculation & Evidence type	Actual number of inspections conducted following complaints and / or monitoring compliance with environmental legislative requirements and / or authorisations inspected and/or permits inspected/monitored. Evidence = Inspections register, outcome/inspection report with photos (initiator, verifier, approver) and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Entrance to private land and unsafe flora and fauna protection environments e.g. poor and unsafe lion and tiger cages
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Lower
Indicator responsibility	Ms. Ilse van den Bergh Signature:  Date: 13/06/2019

Indicator title	Number of compliance inspections conducted for brown issues.
Short definition	Number of inspections conducted to assess compliance with authorisations/permits issued in terms NEMA for pollution, waste, air quality, impact assessment and protected areas. (Not of biodiversity nature, but has a negative impact on the environment including human life, plants and animals). This includes inspections arising from complaints and reports of non-compliance.
Purpose/importance	To promote and comply with NEMA and its Regulations in the attainment of a safe and healthy environment e.g. controlling chemical spillages etc.
Source/collection of data	Industry, DESTEA EA Branch, DEA and Sector departments including the public
Method of calculation & Evidence type	Simple count Evidence = Inspections register; outcome report with photos (initiator, verifier, approver); Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Late reporting of incidents and industry non-compliance.
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Lower
Indicator responsibility	Mr. Arnold Mathibe Signature:  Date: <u>13/06/2019</u>


Indicator title	Number of Admission of Guilt Fines issued for Biodiversity related transgressions.
Short definition	The issuing of Admission of Guilt Fines for biodiversity transgressions in terms of NEMA.
Purpose/importance	Administrative compliance and issuing of guilt fines to enforce biodiversity compliance and improve environmental sustainability To promote NEMA compliance and its regulations on flora and fauna.
Source/collection of data	DESTEA EA Branch
Method of calculation & Evidence type	Simple count Evidence = Register of fines issued including payment status and amounts, copies of fines issued and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Prolonged investigations and lack of informed knowledge on flora and fauna resource utilisation and trade
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Lower
Indicator responsibility	Mr. Tom Mostert Signature:  Date: 13/6/2019

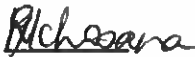
Indicator title	Number of permits issued within legislative time-frame.
Short definition	Measure the number and level of adherence to prescribed timeframes for processing applications for various environmental management licences/permits/authorisation BABS etc. and according to NEMA and other legislative requirements (Refer to pages 4-5 of 2017-2020 SP)
Purpose/importance	To ensure that legislative natural resource permits are issued within the stipulated time frames. To see to it that no animals or plants are damaged or destroyed, The following environmental legislations: FS Nature conservation Ordinance 1969, Biodiversity Act 2004 require that permits be applied for. This is a service standard performance indicator /measure which is aimed of making sure that all received applications for environmental permits are processed and finalised (decision to issue or decline permit) is made within the prescribed/legislated timeframe and so that the expectations of applicants (key stakeholders) are always met. Applicants expect their applications to be processed and a decision to be made within the prescribed period. Defining and meeting service standards for key services rendered is in line with public service ethos/principles of Batho-Pele.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count Evidence = Register of permits issued, hard copies of permits issued from manual processing and/or e-permit system processed permits printout; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Demand driven; Provincial permits management systems.
Type of indicator	Efficiency
Calculation type	Cumulative (year-end)
Reporting cycle	Quarterly
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Coenie Erasmus Signature:  Date: 2019/06/13

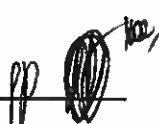
3. ENVIRONMENTAL QUALITY MANAGEMENT


Indicator title	Number of municipal officials trained on the Waste Information Systems.
Short definition	Officials responsible for waste management at municipalities are trained on how the system works and how to capture waste data and report.
Purpose/importance	To be able to know the amount of waste that is being produced in the Province and to comply with NEMA and other legislative requirements (Refer to pages 4-5 of 2017-2020 SP).
Source/collection of data	EA Branch; Municipalities.
Method of calculation & Evidence type	Simple count Evidence = Presentation materials, attendance registers; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Lack of availability of municipal officials to train.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher.
Indicator responsibility	Mr. Orapeleng Manake Signature:  Date: 2019/06/13

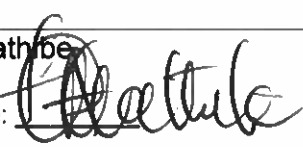
Indicator title	Percentage of waste licenses applications finalised within legislated time-frames.
Short definition	It shows the percentage of Waste Management License applications where final decisions were made within legislated timeframe. (Refer to pages 5-6 of 2018-2020 SP for relevant legislation).
Purpose/importance	This indicator shows the efficiency and effectiveness of the consideration of waste licence applications. It also indicates the level of capacity made available by the department in pursuit of sustainable environmental management in the province. Numerator is all applications completed with legislative timeframes. Denominator is all applications received in year, including outstanding from previous year.
Source/collection of data	DESTEA EA Branch, NEAS system
Method of calculation & Evidence type	Percentage of waste management licences issued, refused, varied or withdrawn in the reporting period within the legislated timeframe. This is calculated as the total number of complete applications finalised within legislated timeframe divided by total number of applications received. (Including outstanding from previous year) Evidence = Register of all applications received (including applications not yet finalised or those that are finalised outside the time frame) and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	The reliability of the registers depends on the accuracy of the data captured. Numerator and denominator actual figures for 2019/20 can only be determined in year and not in advance due to its demand driven nature.
Type of indicator	Output.
Calculation type	Cumulative
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Satisfactory
Indicator responsibility	Mr O Manake Signature:  Date: 13/06/2019


Indicator title	Number of Waste Pickers trained on Social Enterprise Development and/or recycling methods
Short definition	Waste pickers are trained or workshopped on recycling methods and development of social enterprises.
Purpose/importance	To improve small scale recycling and to promote waste management and related practises.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count Evidence =Presentation/training material, attendance registers and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Non-attendance.
Type of indicator	Output.
Calculation type	Periodic
Reporting cycle	Quarterly.
New indicator	No
Desired performance	Higher
Indicator responsibility	Mr. Velaphi Blom Signature:  Date: 2019/06/13

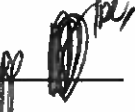
Indicator title	Percentage of complete EIA applications finalized within legislated time-frames.
Short definition	An application refers to when the Competent Authority has received an application form with complete information. The indicator shows the percentage of environmental authorisation applications where final decisions are made during the reporting period within legislated timeframes (also included are amendments to authorisations).
Purpose/importance	This indicator shows the efficiency of the consideration of EIA applications. The indicator also aims to ensure an efficient environmental legislative framework which supports sustainable development. Numerator is all applications completed with legislative timeframes in a year. Denominator is all applications received in year, including outstanding from the previous financial year.
Source/collection of data	National Environmental Authorisation System (NEAS).
Method of calculation & Evidence type	Count every EIA authorisation issued, within the legislated timeframe set for processing of an EIA application. In addition, for efficiency, express this as a percentage of the total number of applications finalised within legislated timeframe divided by total number of all finalised applications. 2018/19 Baseline =60% Evidence = Register of all applications received (including applications not yet finalised or those that are finalised outside the time frame) and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	The reliability of the register depends on the accuracy of the data captured in NEAS. The full functionality of the National Environmental Authorizations System (NEAS). Numerator and denominator actual figures for 2019/20 can only be determined in year and not in advance due to its demand driven nature. Demand driven.
Type of indicator	Output.
Calculation type	Cumulative
Reporting cycle	Quarterly.
New indicator	No
Desired performance	Higher
Indicator responsibility	Ms G Mkhosana Signature:  Date: 20.06.19

Indicator title	Number of Air Quality Officers Forum meetings facilitated
Short definition	Information update and sharing platforms for the department, municipalities and DEA on issues relating to air quality management and monitoring.
Purpose/importance	To address key issues related to the Air Quality Act and its Regulations, especially District Municipalities' responsibilities; to ensure compliance and to improve air quality in the province.
Source/collection of data	DEA, DESTEA and Municipalities including private sector.
Method of calculation & Evidence type	Simple count Evidence = Programmes, minutes of meetings, attendance registers; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Availability of relevant AQ Officers.
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. David Mofokeng Signature:  Date: 2019/06/13


Indicator title	Number of Waste Management Officers Forum meetings facilitated
Short definition	Information sharing platform for the department, municipalities and DEA on issues relating to relevant processes and implementation status of the Waste Act
Purpose/importance	To inform, update and discuss pertinent developments in waste management and compliance related to service delivery and environment protection requirements of NEMA.
Source/collection of data	DEA, EA Branch, private sector, Municipalities.
Method of calculation & Evidence type	Simple count Evidence: Agenda, minutes of meetings, attendance registers and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Availability of Waste Management Officers, poor attendance and non-environmental management friendly organograms at municipal level.
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher
Indicator responsibility	Ms. Michelle Sello Signature:  Date: <u>2019/06/13</u>

Indicator title	Number of S24G applications finalized
Short definition	The number of section 24G NEMA applications finalised, including the payment of administrative fines by the offending parties and the issuing of final decisions as to whether or not to authorise an activity.
Purpose/importance	Indicates the trend in the volume of S24G applications received (including the number of applications in respect of unlawfully commencing with EIA and waste listed activities) in respect of illegal activities.
Source/collection of data	Compliance and Enforcement Unit.
Method of calculation & Evidence type	Simple count Evidence = Approval for reduction of fines by the MEC, proof of payment and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Lack of a national compliance and enforcement information system to capture the statistics in a live and consolidated manner. NEAS not gathering the required information in a comprehensive manner. Demand driven.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	New.
Desired performance	Lower.
Indicator responsibility	Mr A Mathibe Signature:  Date: <u>19/06/2019</u>

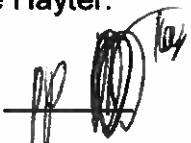
Indicator title	Number of waste landfill sites internal environmentally audited
Short definition	To environmentally audit landfill sites that should comply with NEMA under the Waste Management Act.
Purpose/importance	To monitor and offer compliance advice in converting illegal landfills to legal landfills sites that are in compliance of WIMS. This is also to promote good practises on landfill sites by municipalities.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count Evidence = List of all sites (legal and illegal) indicating audited sites, approved audit reports and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Lack of municipal support
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Orapeleng Manake Signature:  Date: 2019/06/13

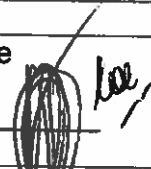
Indicator title	Number of waste re-claimers supported with recycling equipment and/or relevant training.
Short definition	Support will be in the form of training and/or the provisioning of equipment to identified waste re-claimers in the province.
Purpose/importance	In order to improve waste management practises and promotion of waste economy in the province.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count Evidence = Equipment allocation letters to beneficiaries or training presentation with training attendance registers; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Non-attendance.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	New.
Desired performance	Higher
Indicator responsibility	Ms. Boitumelo Molefe Signature:  Date: 2019/06/13


4. BIODIVERSITY MANAGEMENT


Indicator title	Number of new black game farmers registered in the DESTEA database
Short definition	Registration of all black game farmers wishing to participate within the Free State wildlife economy.
Purpose/importance	Promotion of wildlife economy.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count, Evidence = Completed Register forms of Black Game Farmers enrolled within the financial year and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Lack of cooperation from game farmers
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher
Indicator responsibility	Ms. Nozi M. Nkoe Signature:  Date: 2019/06/13


Indicator title	Number of new stewardships sites established to increase land under conservation through the implementation of the Biodiversity Stewardship Programme (BSP)
Short definition	Increase the formal conservation estate through negotiation for one new stewardship site per annum.
Purpose/importance	<p>Biodiversity Stewardship -</p> <p>(a) provides a cost effective mechanism for securing land for conservation in biodiversity priority areas without the often insurmountable limitations associated with the purchasing of land by the State;</p> <p>(b) ensures that private and communal areas with a high biodiversity value receive secure conservation status and are linked to a network of other conservation areas in the landscape.</p> <p>(c) contributes to the provincial and national targets in terms of protecting threatened ecosystems, expanding the provincial Protected Area network and maintaining the diversity and integrity of natural systems and landscapes; and</p> <p>(d) ensures that areas secured for conservation are effectively managed and monitored against set management criteria (management plans)</p> <p>2. Guided by the National Environmental Management: Protected Areas Act (Act 57 of 2003), The National Protected Area Expansion Strategy and the Free State Protected Area Expansion Strategy (2016)</p> <p>2.1 This indicator is a national obligation reflected as an indicator and target in the annual national Outcome 10 deliverable</p>
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count. Evidence = Application forms or approved submissions or Published Declarations or Intent to Declare or Stewardship Agreements; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	None expected.
Type of indicator	Output.
Calculation type	Simple count.
Reporting cycle	Annual.
New indicator	No
Desired performance	Higher
Indicator responsibility	Mr. Dave Hayter Signature:  Date: 2019/06/13

Indicator title	Number of hectares in the conservation estate.
Short definition	Measure an increase in the size (number of hectares) of Free State land coverage which has been declared/proclaimed to be under formal protection. (Includes all forms of conservation estate in the province both formal [those sites formally declared as protected areas] and informal [those sites registered as Conservancies]); both government owned and privately owned areas.
Purpose/importance	To ensure increase in land mass under formal conservation and ensure that the Free State's protected area network is of sufficient size to sustain and conserve biodiversity and ecological processes. 2. Guided by the National Environmental Management: Protected Areas Act (Act 57 of 2003), The National Protected Area Expansion Strategy and the Free State Protected Area Expansion Strategy (2016) 2.1 This indicator is a national obligation reflected as an indicator and target in the national Outcome 10 deliverable.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count: Annual increase in hectares; annual closing balance. Evidence = Free State Protected Area register or Free State Conservancy Register or Registration certificate of protected area; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	The accuracy of the data in terms of specific boundaries and hectares and access to information and clarity on ownership of protected land. Increase areas of conservation areas by all stakeholders.
Type of indicator	Output.
Calculation type	Cumulative
Reporting cycle	Annually.
New indicator	No.
Desired performance	Satisfactory
Indicator responsibility	Mr. Dave Hayter. Signature:  Date: 2019/06/13

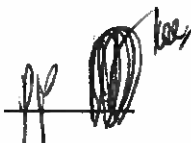
Indicator title	Number of black game farmers supported with game of various species.
Short definition	Black Game Farmers who are recipients of game facilitated by DESTEA and/or technical support and/or training during the financial year, as part of the Black Game Farmers Programme.
Purpose/importance	1. Transformation of the industry and economic development.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count Evidence = List of beneficiaries with names, farm names, locations (towns) and type of support provided, register of farmers supported within the financial year, formal allocation letters to beneficiaries and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Lack of data captured on database.
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	Yes
Desired performance	Higher
Indicator responsibility	Ms. N Nkoe Signature: 
	Date: 13/06/2019

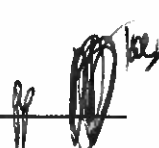
Indicator title	Number of mentorship sessions conducted for black game farmers.
Short definition	Black game farmers supported with wildlife economy related mentorship by DESTEA and/or in partnership with external stakeholders.
Purpose/importance	Ensure understanding of the wildlife economy industry and economic development.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count, Evidence = Beneficiary list, attendance registers, session programmes; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Non-attendance of farmers and/or game ranchers
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher
Indicator responsibility	Mr. Mohlomi Liphoko Signature: 
	Date: 2019/06/13


Indicator title	Percentage of area of state managed protected areas assess with a METT score above 67%
Short definition	Management Effectiveness Tracking Tool (METT) is a system designed to monitor and report on the extent to protected areas are management effective to protect and conserve biodiversity. A METT score of 67% (and above) is the minimum required level of effective management.
Purpose/importance	1. To assesses the effectiveness of existing interventions which are being implemented and to use collected information to identify and implement appropriate interventions to improve the overall management effectiveness of state managed protected areas. 2. Mandated by the National Environmental Management: Protected Areas Act (Act 57 of 2003) 2.1 This indicator is a national obligation reflected as an indicator and target in the annual national Outcome 10 deliverable.
Source/collection of data	METT assessment report (data collected from management authorities) DEA
Method of calculation & Evidence type	Calculated by the sum total area (hectares) of all provincial (DESTEA) nature reserves attaining a METT score of 67% or higher expressed as a percentage (%) of the total extent of all Provincial Nature Reserves (185686ha). 70% target therefore = $129980/185686 \times 100$ Evidence = DEA METT Reports; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	The reliability and timeous submission of METT data from management authorities.
Type of indicator	Outcome.
Calculation type	Non-Cumulative.
Reporting cycle	Annually.
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Dave Hayter Signature:  Date: 2019/06/13


Indicator title	Number of biodiversity economy initiatives implemented.
Short definition	To measure the number of biodiversity economy initiatives implemented by the province in order to contribute to wildlife economy growth.
Purpose/importance	To ensure an inclusive, sustainable and responsive biodiversity economy while providing a foundation for social well-being and maintaining ecological resource base.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count: Evidence: Annual Game Auction Booklet/Catalogue or /and presentation materials and attendance registers for awareness programmes conducted; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Lack of financial resource to run the game auction process and lack of attendance of buyers and/or participants attending the workshops/awareness programmes
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	Higher
Indicator responsibility	Ms. Nozi M. Nkoe Signature:  _____ Date: 2019/06/13

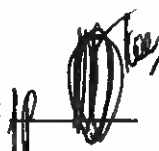
5. ENVIRONMENTAL EMPOWERMENT SERVICES

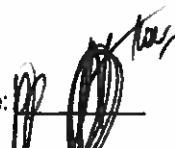
Indicator title	Number of community members work shopped on basic environmental management
Short definition	Empowerment of community members. The training which is mostly a 3-5 working day training, could be on: Waste management and Recycling, Water Management, Air Pollution Control, Climate Change, Water Management, etc.
Purpose/importance	Community members to act as voluntary environmental ambassadors in communities to protect the environment. Some of the community members that are trained form part of municipalities EPWP programs. It is also, to empower communities with regards to environmental management knowledge so as to protect natural resources.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count. Evidence = List of workshops conducted, presentation materials, attendance registers and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Accuracy of the data captured on the register. Disaggregation targets for 2019/20 are only estimates and may deviate between planned districts.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher.
Indicator responsibility	Mr. Tladi Molebaloa Signature:  Date: 2019/06/13

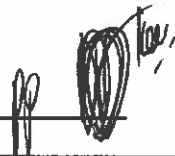
Indicator title	Number of schools registered for participation in an environmental education programme.
Short definition	Schools are registered as Eco-schools and supported with educational information.
Purpose/importance	To enhance environmental education and encourage schools to implement environmental projects. These actions creates environmental awareness amongst youths and should contribute towards sustainability.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Simple count Evidence = Completed & signed registration forms; Register/database of Eco-Schools, educational material provided; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Accurate register content. Disaggregation targets for 2019/20 are only estimates and may deviate between planned districts.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher
Indicator responsibility	Ms. Mpho Gunundu Signature:  Date: 2019/06/13


Indicator title	Number of environmental community awareness activities conducted.
Short definition	Refers to the number of activities organized towards promoting awareness about the environment. For example, awareness sessions conducted in schools, communities, visits by clients to environmental centres, distribution of pamphlets, celebration of environment commemorative days, exhibitions, clean-up campaigns, media campaigns, resources developed, greening or trees planted, etc.
Purpose/importance	To track environmental awareness efforts and promote environmental awareness in communities to contribute towards environmental sustainability.
Source/collection of data	EA Branch
Method of calculation & Evidence type	Manual count Evidence = Presentation materials and/or information materials, attendance registers, Outcome reports; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Inaccurate records and access to reliable data. Disaggregation targets for 2019/20 are only estimates and may deviate between planned districts.
Type of indicator	Output.
Calculation type	Periodic
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher.
Indicator responsibility	Mr. John Kesi
	Signature:  Date: 20/06/13.

Indicator title	Number of environmental capacity building activities conducted.
Short definition	Refers to the number of activities conducted in order to build stakeholder capacity to implement environmental regulatory framework and/or create work opportunities in environmental programmes and / or improve municipal and community environmental capacity as prescribed by NEMA and other legislative mandates (Refer to pages 4-5 of the 2017/18 SP).
Purpose/importance	To build capacity of stakeholders on the environmental regulatory framework and/or work opportunities in environmental programmes and/or related environmental issues to improve municipal and community environmental capacity. The stakeholders include community members and municipal officials.
Source/collection of data	EA Branch: activity reports and attendance registers
Method of calculation & Evidence type	Simple count Evidence = Invitations/Requests received, attendance registers, materials utilized, outcome reports; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Verification of data and reluctance and non-responsiveness by the stakeholder. Disaggregation targets for 2019/20 are only estimates and may deviate between planned districts.
Type of indicator	Output.
Calculation type	Periodic
Reporting cycle	Quarterly
New indicator	No.
Desired performance	Higher
Indicator responsibility	Mr. Tladi Molebaloa Signature:  Date: 2019/06/13

Indicator title	Number of environmental competitions conducted.
Short definition	Competition amongst local municipalities for implementation of environmental programmes such as waste management, water management and greening and landscaping within their towns.
Purpose/importance	To encourage municipalities to accelerate and improve management of physical environment in their respective towns in order to address long term sustainability and create socio-economic benefits.
Source/collection of data	EA Branch; Municipalities.
Method of calculation & Evidence type	Simple count. Evidence = Register of participating municipalities or schools, outcome reports approved by the Chief Director, photos; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Inaccurate records kept.
Type of indicator	Output.
Calculation type	Periodic
Reporting cycle	Annually
New indicator	Yes.
Desired performance	Higher.
Indicator responsibility	Mr. Tladi Molebaloa Signature:  Date: 2019/06/13

Indicator title	Number of work opportunities created through environmental programmes (EPWP)
Short definition	To facilitate the creation of temporary jobs in Provincial Nature Reserves through the EPWP Grant, with a focus on women, youth and people with disabilities through environmental programmes and may include internship, learnerships, volunteer programmes, CBNRM, recycling and buy-back centers, nurseries.
Purpose/importance	To created temporary job opportunities in the environmental sector and to improve socio-economic benefits to local communities.
Source/collection of data	EA Branch.
Method of calculation& Evidence type	Simple count Evidence = Signed beneficiary contracts and Central register of participants from 1 April 2019 to 31 March 2020.
Data limitations	Accuracy of the data depends on reliability of reported data.
Type of indicator	Output.
Calculation type	Periodic.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher.
Indicator responsibility	Mr. Moeketsi Letolo Signature:  Date: 2019/06/13

Indicator title	Number of towns cleaned
Short definition	Targeted cleaning campaigns in promotion of Section 24 of the RSA Constitution.
Purpose/importance	To promote a clean and healthy environment that promotes and is in support of intergovernmental and cooperative governance service delivery. The program also directly support the COGTA Back To Basics Programme.
Source/collection of data	EA Branch and Municipalities.
Method of calculation & Evidence type	Simple count Evidence = Register of identified towns cleaned, photos and Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Municipal support.
Type of indicator	Output
Calculation type	Periodic
Reporting cycle	Bi-Annually
New indicator	Yes
Desired performance	Higher
Indicator responsibility	Ms. Boitumelo Molefe Signature:  Date: 2019/06/13

Indicator title	Number of EPWP (environment and culture) sector meetings facilitated.
Short definition	To facilitate environment and culture EPWP sector meetings in the province.
Purpose/importance	To coordinate job creation opportunities created in the environment and culture sectors by various stakeholders and to address relevant compliance issues.
Source/collection of data	EA Branch.
Method of calculation & Evidence type	Simple count Evidence: Invitations, agendas, presentation materials (if applicable), minutes of meetings; Central register of all activities from 1 April 2019 to 31 March 2020.
Data limitations	Availability of sector role players.
Type of indicator	Output.
Calculation type	Periodic.
Reporting cycle	Quarterly.
New indicator	Yes.
Desired performance	Higher.
Indicator responsibility	Mr. Moeketsi Letolo Signature:  Date: 2019/06/13.

Approved by:

Signature  _____

Date 2019/06/13.

Ms. Nozi M. Nkoe: Acting DDG