

# GAUTENG INTEGRATED WASTE MANAGEMENT PLANS 2020 AND BEYOND

IWMSA- Central Branch

25 February 2020

POLLUTION AND WASTE MANAGEMENT DIRECTORATE

PRESENTATION BY:

Palesa Mathibeli


Director: Pollution and Waste Management

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**GAUTENG**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

Growing Gauteng Together



**GAUTENG PROVINCE**  
AGRICULTURE AND RURAL DEVELOPMENT  
REPUBLIC OF SOUTH AFRICA

**DESIGNATION AS PROVINCIAL WASTE MANAGEMENT OFFICER IN TERMS OF SECTION 10(2) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 (ACT 59 OF 2008)**

I, **Ms Winifred Morakane Mosupyo**, Member of the Executive Council (MEC) for Economic Development, Agriculture, Environment and Rural Development in the Gauteng Province acting in terms of section 10(2) of the National Environmental Management: Waste Act, 2008, (Act 59 of 2008) ("the Waste Act") designate **Ms. Palesa Mathibeli, Director: Waste Management as the Provincial Waste Management Officer of the Gauteng Province:**


(a) To exercise the powers and perform the duties as are assigned or delegated to her as the Provincial Waste Management Officer in terms of the Waste Act, 2008.

The Provincial Waste Management Officer may in terms of section 10(4) delegate any power or assign any duty, delegated or assigned to her, to an officer under her control.

The powers and duties delegated are subject to the following terms and conditions:

- a) All powers, functions and duties must be properly exercised.
- b) All correspondences signed by you regarding matters being dealt with must clearly state that the powers, duties and functions that you exercise have been delegated to you by me.
- c) This delegation does not include the power to issue a notice or make regulations.
- d) This delegation does not prevent the exercise of the power or the performance of the duty by me personally.
- e) Any legal action to be instituted or instituted against the Department must be brought to my notice prior to the institution of such action and within 48 (forty-eight) hours of receiving notice of the action instituted against the Department.

SIGNED ON 12 DAY OF December 2019

  
**Ms Winifred Morakane Mosupyo: Member of the Executive Council (MEC) for Economic Development, Agriculture, Environment and Rural Development**

PROVINCIAL WASTE MANAGEMENT OFFICER IN TERMS OF SECTION 10(2) OF THE NEM: WASTE ACT 2008, (Act 59 of 2008).

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## BACKGROUND

- Mandate derived from the Waste Act (2008)- promoting waste hierarchy (3Rs); landfilling as the last option.
- National Waste Management Strategy: separation at source, material recovery facilities; EPR, education and awareness, regulatory instruments, Industry IWMPs for priority waste.
- MTSF (5 year) target of 25% diversion of waste from the landfills.
- Landfill depletion- most municipal landfills in the Province are left with  $\leq 5-10$  years landfill airspace.
- Waste minimisation by municipality initiatives- currently no significant implementation; inclusion of informal sector.
- Transitioning towards the circular waste economy and solidarity economy is a priority for the Gauteng.

## MTSF

*“Waste is the new gold”*

The priorities for waste management in the medium term:

- **Solidarity Economy-** Formalisation of informal waste reclaimers and ensuring sustainability of the existing SMEs and cooperatives.
- **Landfill compliance-** non-compliant landfills; lack of proper planning and budgeting for diminishing landfill airspace by the municipalities; waste diversion.
- **Circular Economy-** Unlocking the opportunities in the secondary raw material value chains within the waste sector in Gauteng will be a key driver of the circular economy in the Province.

## Gauteng Waste Summit-Focus on landfills

- Status Quo of landfilling– Municipal & Private- holistic picture
- Landfill Management- Compliance levels including cost reflective tariff models
- Permit reviews- New licenses
- Do we approve new landfills in the Province- need and desirability/ demonstration of waste diversion initiatives
- Public push-back towards landfill expansions/ new landfills a growing reality
- Diversion targets based on the revised NWMS
  - Composting
  - C& D
  - Separation @ source- moving from pilot stage
  - WTE technologies- Regionalisation? Smaller fit for purpose technologies
  - MRFs- National Waste Phakisa
- Information management- GWIS
- Legislative Instruments- Waste Min Regulations
- Collaboration with Waste Industry very critical

## GDARD PROGAMMES

- Support and promotion of recycling initiatives to cooperatives, buy-back centres & waste pickers since 2014 as part of the Dept annual Operational Plans
- 87 facilities supported through various initiatives on an annual basis with a budget ~R8m
- Facilities are supported with equipment such as paper bailers, glass crushers, can bailers, trolleys, PPE, flat platform scales, paper cages, granulator, plastic bags, bulk bags, trailers, forklifts etc.
- Donation of 200 3-wheeler/ tuk-tuks.
- Train Recycling Cooperatives and buy-back centres on First Aid , Health and Safety, Project Management, Financial Management- 200 annually.
- Assist with registration of Waste Management Recycling Cooperatives with DTI- 50 annually
- Quarterly Waste Forum- knowledge sharing, networking, reporting.

## Current Programmes

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Training	-	15	47	36	51	50
Equipment	8	5	19	38	14	75
DTI registrations	-	10	26	-	50	50
Rehabilitation of illegal dumping	-	-	-	5	-	5 (60 EPWP Jobs)
Provision of 240l bins	-	-	-	-	-	20000
Donation of 3 wheeler vehicles	-	-	-	-	-	200 to ~76 beneficiaries

## Equipment Summary: 2014/15 – 2018/19

- 51 Facilities have been assisted with recycling equipment and PPE throughout Gauteng.
- 40 Facilities were provided with PPE
- 31 Facilities were provided with Bulk bags
- 5 Facilities were assisted with Refuse bags
- 2 Facilities were assisted with Paper Shredders
- 19 Facilities were assisted with First Aid Kits
- 2 Facilities were assisted with Forklifts
- 2 Facilities were assisted with Wash plants
- 4 Facilities were assisted with Waste Trailers
- 21 Facilities were assisted with Trolleys
- 11 Facilities were assisted Paper and steel balers
- 1 Facility was assisted with a Can crusher
- 9 Facilities were assisted with Bottle crushers
- 14 Facilities were assisted with Waste Paper Cages
- 26 Facilities were assisted with Platform scales



## 2020/2021 Operational Plan

Output	Output Indicator	Annual Target
100% waste licence applications finalized within legislated timeframes	Percentage of waste licence applications finalised within legislated timeframes	100%
Rehabilitated illegal dumping sites	Number of illegal dump sites rehabilitated	6
Waste recovered and diverted from landfill sites	% of waste diverted from landfill sites	10
Waste Management Forum meetings conducted	Number of forum meetings conducted as planned	4
Recycling Facilities and Buyback Centres supported with recycling equipment	Number of recycling Facilities and Buyback Centres supported with recycling equipment	20
Waste Management recycling cooperatives in townships trained	Number of waste Management recycling cooperatives in townships trained	50
Waste Management recycling cooperatives assisted with registration with DTI	Number of waste Management recycling cooperatives assisted with registration with DTI	50
Reports produced from monitoring municipalities on implementation of Gauteng	Number of reports produced and issued to relevant Municipalities.	36

## 2020/2021 Operational Plan

Output	Output Indicator	Annual Target
Audited landfill sites	Number of landfill sites audited as planned	27
Waste data processed on the GWIS	Number of waste data processed on the GWIS	80
100% of enquires responded to	Percentage of enquiries responded to	100%
100% of Municipalities Waste By-laws reviewed	Percentage of Municipalities Waste By-laws reviewed	100%
100% Municipalities Waste Management Plans reviewed	Percentage of Municipalities Waste Management Plans reviewed	100%
Municipal Integrated Development Plans commented on	Number of municipalities Integrated Development Plans commented on	9
100% of Respond to HOD/ MEC referrals	Percentage of HOD/ MEC referrals responded to	100%
100% of Registration applications processed in terms of Norms and standards for storage, sorting, shredding, grinding, crushing. screening or bailing of general	Percentage of registration applications processed within 60 days.	100%