



## **SUBMISSION OF INDUSTRY/BUSINESSES INTEGRATED WASTE MANAGEMENT PLAN**

### **A. BACKGROUND**

Industrial or business premises within the jurisdiction of Steve Tshwete Local Municipality that generates waste must submit an Integrated Waste Management Plan in writing to the waste management officer for existing premises and for new premises for approval prior to the generation of the waste to be dealt with in terms of the said plan.

An integrated waste management plan must include the following:

- (a) An assessment of the quantity and type of waste that will be generated;
- (b) A description of the services required to store, collect, transport and dispose of such waste;
- (c) A description of how they intend separating recyclable and non-recyclable material at the point of source;
- (d) The waste minimisation and pollution prevention plans of such waste generator;
- (e) The impact or potential impact on the environment of the waste created by them;
- (f) The type or characteristics of waste produced of an environmentally sensitive nature or the amount of natural resources that are consumed in the manufacturing or production process that result in waste; and
- (g) Targets for waste production through waste minimisation, re-use, recycling and recovery measures or programmes that can minimise the consumption of natural resources and the method of disposal of waste.

### **1. LEGISLATIVE REQUIREMENT**

In terms of section 12 of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008), the Municipality must give effect to the objects of the Act, which includes the minimizing and consumption of natural resources, avoiding and minimizing the generation of waste, reducing, re-using, recycling and recovering of waste, treating and safe disposal of waste, the prevention of pollution, awareness of the impact of waste on health and the environment and give effect to the Constitution.



In order for the Municipality to comply with the Waste Act, 2008 (Act 59 of 2008); waste generators are required to submit a waste management plans for approval by the Municipality.

## **2. WHO MUST SUBMIT AN INDUSTRY/BUSINESSES INTEGRATED WASTE MANAGEMENT PLAN?**

The generators of the following classes of waste must submit an industry/business waste management plan:

Business waste; industrial waste; building waste; event waste; priority waste; hazardous waste; health care risk waste; group housing residential (townhouses, flats, hostels) waste; those who sort waste or undertake a recycling, re-use or waste recovery activity including but not limited to scrap dealers, recycling groups and buy back centres.

## **3. WASTE AUDITS, TOWNSHIP ESTABLISHMENTS, COMMERCIAL DEVELOPMENTS, AND OCCUPANCY CERTIFICATES:**

The waste management officer will require an Integrated Waste Management Plan as part of the evaluation criteria before approval of a waste audit, township establishment, commercial developments and occupancy certificate.

## **4. IMPLIMENTATION OF THE IWMP**

After the plan is approved by the waste management officer, the plan shall be implemented by the waste generator and shall form the base of solid waste generation, storage and collection.

The waste generator can use the plan in compliance with the OHS Act.

## 5. INFORMATION

**PLEASE COMPLETE ALL THE QUESTIONS. 5.1**

### GENERAL INFORMATION

Name of Company/ Business/ Event/Firm	
Account holders name	
Municipal account number	
Postal address	
Physical address	
Stand or Erf number	
Name of contact person	
Cellular phone number	
Landline phone number	
e-Mail	
The size in m <sup>3</sup> and zoning (light/ heavy industrial, residential etc.) of the premise	
Type of waste generated: (Example; Warehouse, restaurant; office; school, garage, recycling facility, residential, etc.)	
Give a short description of the site operations or nature of the business or activities undertaken.	

## 5.2 ASSESSMENT OF THE QUANTITY AND TYPE OF WASTE

### 5.2.1 General domestic and business waste

Type of waste	Do you generate the following waste? Yes/No (please tick)			Quantity of waste generated in m3 or litres OR number of bin liners (85 litre black refuse bags)
<b>General domestic &amp; business waste</b>				
Paper	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Cardboard	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Glass	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Plastic	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Metal	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Wet waste (food)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Cooking oil	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Garden waste	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Other (Please specify)				

### 5.2.2 Building & demolition waste

<b>Building &amp; demolition waste</b> – waste produced during construction, alteration, repair or demolition of any structure and excludes hazardous waste.				
Type of waste	Do you generate the following waste? Yes/No (please tick)			If yes, estimated quantity of waste generated (m3)
Building rubble	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Earth	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Rock	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Wood	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Metal (window/door frames etc.)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

### 5.2.3 Hazardous waste

**Hazardous waste** – waste that contains organic or inorganic elements or compounds that may, owing to the inherent physical, chemical, or toxicological characteristics of that waste, have a detrimental impact on health and the environment.

### 5.2.3.1 Used oil, oil filters & oil soiled waste

				Quantity generated? (m3, number of bin liners or litres)
Do you generate and dispose used oil, oil filters and oil soiled waste etc.	Yes		No	
Do you dispose or mix the above with general waste?	Yes		No	
What type of container/s is in use to store used oil and oil filters and oil soiled waste?				
Who collects used oil, oil filters and oil soiled waste from the premise?	Municipal collection	Private specialised service provider		
If private, please provide: Name, contact number and address of the service provider collecting used oil, oil filters and oil soiled waste. (attach proof)				

### 5.2.3.2 Batteries (Alkaline and lead acid batteries)

		If yes, quantity generated?
Do you generate used batteries?	Yes	No
Type of lighting	Alkaline	Lead acid
Do you dispose or mix the above with general waste?	Yes	No
If no, what type of container/s is in use to dispose used fluorescent and energy saving light bulb?		
Who collects used fluorescent and energy saving light bulbs?	Municipal collection	Private
If private, please provide: Name & contact details of the service provider collecting used fluorescent and energy saving bulbs (attach proof)		

### 5.2.3.3 Fluorescent & energy saving light bulbs

Do you make use of fluorescent and energy saving light bulbs?	Yes		No		If yes, quantity generated	
Type of lighting	Fluorescent				Energy saving	
Do you dispose or mix the above with general waste?	Yes				No	
If no, what type of container/s is in use to dispose used fluorescent and energy saving light bulbs?						
Who collects used fluorescent and energy saving light bulbs?	Municipal collection				Private	
If private, please provide: Name & contact details of the service provider collecting used fluorescent and energy saving light bulbs. (attach proof)						

### 5.2.3.4 Chemicals, poisons, used paint & solvent containers and explosive waste

Do you dispose any chemicals, poisons, used paint & solvent containers or explosive waste?	Yes		No		Quantity generated?	
Category of waste	chemicals		poisonous		Used Paints & solvents Containers	
Give a short description of the abovementioned chemicals:						
Will or do you dispose or mix the above with general waste?	Yes			No		
Do you have a separate storage area for waste chemicals, poisons, used paint & solvent containers or explosive wastes?	Yes			No		
Who collects the above mentioned waste?	Yes			No		
If private, please provide: Name & contact details of the service provider.						

### 5.2.3.5 Boiler ash

Do you generate boiler ash?	Yes		No		Quantity generated?	
Is the boiler ash delisted?	Yes		No		If yes, Provide proof of delisting.	
Where do you intend to or dispose the boiler ash?	Middelburg landfill sites				If other, please state the name of the landfill site:	

### 5.2.3.6 Asbestos waste

Do you generate asbestos waste?	Yes		No		Quantity generated?	
Where is the asbestos waste disposed?	Middelburg landfill site				Other	
If other, please provide: Name & contact details of the service provider collecting or transporting asbestos waste.						

### 5.2.3.7 Health care/ medical waste

<b>Health care/medical waste – including infectious, pathological waste</b>						
<b>Type of waste</b>	<b>Yes/No (please tick)</b>				<b>Quantity of waste generated OR number of medical containers filled</b>	
Do you generate health care/ medical waste?	Yes		No			
Do you dispose it with general waste?	Yes		No			
If no, who is the service provider collecting the medical waste?						
Provide Contact details and address of the medical waste service provider.						
What type of container is used to store health care/ medical waste?						

#### 5.2.4 Waste tyres

<b>Waste tyres</b> – refer to regulation R149 as published in terms of the Environmental Conservation Act 1989, (Act 73 of 1989): Waste Tyre regulations, 2008.					
<b>Type of waste</b>	<b>Yes/No (please tick)</b>				<b>Quantity of waste generated (m3)</b>
Do you generate waste tyres?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
Is the business registered with REDISA (Recycling & Economic Development Initiative of SA)?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	REDISA – register on <a href="http://www.rfiling.co.za">www.rfiling.co.za</a> Provide proof of registration.
Do you shred the tyres before disposal?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
Do you have a storage facility for used tyres?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
Does the municipality collect waste tyres at the premise?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
Do you dispose waste tyres at a Council landfill (dumping) site?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
Do you send used tyres back to the suppliers?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
Do you have a service provider collecting waste tyres?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
If no, do you transport used tyres to the suppliers?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	
If yes, who are the service provider collecting waste tyres?					
Provide contact number and address of the service provider? (attach proof)					

#### 5.2.5 Electronic waste (e-waste)

<b>Type of waste</b>	<b>Do you generate the following waste? Yes/No (please tick)</b>				<b>Quantity of waste generated (m3)</b>	
Computers	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Televisions / Radios	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Electric appliances	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
cellular phones	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Other (Please specify)						
Do you dispose e-waste in a separate waste container?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
How is e-waste collected from the premise?	Municipal collection			<input type="checkbox"/>	Private	<input type="checkbox"/>
If private, please provide: Name & contact details of the private service provider.						



### 5.2.6 Industrial and Agricultural waste (panel beaters, furniture manufacturing)

Do you dispose any of the following?	Please tick (Yes/No)				Provide details on how and where it is disposed
	Yes		No		
Car bodies/parts	Yes		No		
Wood from the manufacturing of furniture	Yes		No		
Abattoir waste	Yes		No		
Manure	Yes		No		
Waste from feedlots	Yes		No		

## 5.3 RECYCLING INFORMATION

### 5.3.1 Recycling containers

Do you recycle any of the following? Yes/No (please tick)				Type and number of recycling bins/container in use. (Attach photo/s as evidence)	Name, address & contact details of the service provider collecting recyclables.
Paper	Yes		No		
Cardboard	Yes		No		
Glass	Yes		No		
Plastic	Yes		No		
Metal	Yes		No		
Wet waste (food)	Yes		No		
Cooking oil	Yes		No		
Garden waste (composting)	Yes		No		
Building rubble, earth, rock etc.	Yes		No		
Used oil and oil filters	Yes		No		
Batteries (Alkaline, lead, acid, etc.)	Yes		No		
Fluorescent and energy saving light bulbs	Yes		No		
Electronic waste (Computers, TV's radios etc.)	Yes		No		
Other (please indicate)					

5.3.2 Does the premise have a separate recycling storage/collection area from the Municipal collection area?

Yes		No	
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5.3.3 If no, how do you intent to separate the recyclables from non-recyclable waste?


5.3.4 Do you have an approved refuse area?

Yes		No	
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5.3.5 If no, where do you store the waste until collected?


5.3.6 Is the refuse area easily accessible to the Municipality for collection?

Yes		No	
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## 5.4 General waste collection by the Municipality

### 5.4.1 Business waste

Do you require a refuse removal service by the Municipality?	Yes		No			
If no, provide the name, address and contact details of the service provider.						
Where will the private service provider dispose the waste?	Middelburg landfill			Other:		
How frequent must or does the Municipality collect refuse from the premise?	1 x per week	2 x per week	3 x per week	4 x per week	5 x per week	6 x per week
What type of container is in use to dispose refuse?	Black bag/s (1 bag = 1 unit)	85 litre black refuse bin (1 bin = 1 unit)	240 litre wheelie bin (1 bin = 3 units)	1.75 M <sup>3</sup> refuse bin (1 bin = 4 units)	6M <sup>3</sup> refuse bin (1 bin = 13 units)	Other:
Indicate number of refuse containers/bags, mentioned above, is in use to store refuse until collection?						

5.5 Education and marketing

Give a short description of any Education, marketing and sales information to influence perception and behaviour of customers to ensure recycling of products.	
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\_\_\_\_\_  
Signature of Manager/ Representative Person

\_\_\_\_\_  
Date

FOR OFFICE USE	
RECOMMENDED/ NOT RECOMMENDED FOR APPROVAL	
_____ Signature: Waste Information Officer	_____ Date
APPROVED/ NOT APPROVED	
_____ Signature: Director: Environmental & Solid Waste Management	_____ Date