



**forestry, fisheries
& the environment**

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

**RISK ASSESSMENT IN TERMS OF REGULATION 8 OF THE WASTE
EXCLUSION REGULATIONS**

File Reference Number:
NEAS Reference Number:
Date Received:

(For official use only)
12/9/11

Risk Assessment for an application for exclusion of waste stream or portion of waste stream in terms of the National Environmental Management: Waste Act, 2008(Act No.59 of 2008), as amended.

Kindly note that:

1. This form is current as of 01 April 2021. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Incomplete forms (including information as required in the application form may be returned to the applicant for revision and the inclusion of additional information.
4. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

BACKGROUND INFORMATION	
APPLICANT	Tiger Consumer Brands (PTY)Ltd t/a King Foods
CONTACT PERSON	Plant Manager
NAME	Linda Mndayi
ADDRESS	Ikageng Rd, Potchindustria, Potchefstroom, 2520
E-MAIL ADDRESS	Linda.Mndayi@tigerbrands.com
TELEPHONE	+27 (18) 293 7100
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WASTE GENERATING FACILITY OR FACILITIES		
PHYSICAL ADDRESS OF FACILITY OR FACILITIES	Ikageng Rd, Potchindustria, Potchefstroom, 2520	
GPS CO-ORDINATES AT CORNERS OF WASTE GENERATING FACILITY OR FACILITIES	LATITUDE	LONGITUDE
	27 04 29	26 42 56
	27 04 49	26 42 55
	27 04 44	26 43 04
	27 04 36	26 43 07
WASTE STREAM OR PORTION OF A WASTE STREAM TO BE EXCLUDED FROM THE DEFINITION OF WASTE	Boiler Ash	
BENEFICIAL USE/S	Brick Making, Block Making, Landfill cover material	

WASTE GENERATING PROCESS	
DETAILED DESCRIPTION OF WASTE GENERATING PROCESS¹	Coal is fed into the coal fired boilers where it is combusted. The boilers produce steam for the manufacture of snack products. The combusted coal produces ash, known as boiler ash. The ash is collected in a wet ash trough and is delivered to a skip. Fly ash in the flue gas is collected in a grit arrestor and bag filter and added to the wet ash stream. The collection of this wet ash is done by a truck designed for skip removal. This eliminates significant spillage and air airborne contamination at the site it is generated at and during transportation of the ash to the brick/block maker.
PRODUCTION PROCESS FLOW CHART ATTACHED	YES <input checked="" type="checkbox"/> NO
WASTE CLASSIFICATION	HAZARDOUS GENERAL <input checked="" type="checkbox"/>
IF HAZARDOUS LIST THE HAZARDS OF THE WASTE	

¹ A process flow chart must be attached with this form for the process description

RISK ASSESSMENT WITHOUT MITIGATION

ACTIVITY	RISK DESCRIPTION	ENVIRONMENTAL RECEPTORS	ASSESSMENT OF RISK					SIGNIFICANCE
			Impact	Probability	Magnitude	Duration	Scale	
Ash Storage	Windblown ash	Air	Deterioration of local air quality	2	2	2	2	12
	Leachate from stock pile material	Ground water	Percolation into ground water	2	4	2	1	14
	Spillage	Surface water	Contamination transported into surface water	3	2	2	1	15
		Soil	Soil Contamination	2	4	2	1	14
Ash Transport	Airborne ash	Air	Deterioration of local air quality	2	4	2	2	16
	Accidental spillage	Surface water	Contamination transported into surface water	2	4	3	2	18
		Ground water	Percolation into ground water	2	4	3	2	18
		Soil	Soil contamination	3	4	3	1	18
Manufacturing of blocks and bricks	Accidental spillage	Surface water	Contamination transported into surface water	2	4	2	2	16
	Accidental spillage	Soil	Soil contamination	3	4	3	1	24
	Leachate from stockpile material	Ground water	Percolation into ground water	2	4	3	2	18

RISK ASSESSMENT WITHOUT MITIGATION

ACTIVITY	RISK DESCRIPTION	ENVIRONMENTAL RECEPTORS	ASSESSMENT OF RISK					SIGNIFICANCE
			Impact	Probability	Magnitude	Duration	Scale	
Manufacturing of blocks and bricks	Windblown ash	Air	Deterioration of local air quality	2	4	2	2	16
		Visual	Visual impact from windblown waste	2	2	2	2	12

The values of S must then be categorised as follows:

RATING		DESCRIPTION
SP > 60	High significance	An impact which could influence the decision about whether or to proceed with the activities regardless of any possible mitigation
SP 30 - 60	Moderate significance	An impact or benefit which is sufficiently important to require management and which could have an influence on the decision unless it is mitigated
SP < 30	Low significance	Impacts with little real effect and which will not have an influence on or require modification of the activities
+	Positive impact	An impact that is likely to result in a positive consequence/effect

I, Linda L. Munday (the Applicant) hereby declare that I have read the completed Risk Assessment form and hereby confirm that the information is, to the best of my knowledge, true and correct

Furthermore, I declare that I am fully aware of my responsibilities in terms of the Waste Exclusion Regulations, and that failure to comply with these Regulations may constitute an offence in terms of the National Environmental Management: Waset Act, 2008 (Act 59 of 2008).

L Munday
Signature of the applicant²/ Signature on behalf of the applicant:

Linda Munday
Name of Applicant:

Plant Manager
Designation

09 Dec 2022
Date:

² If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.