



forestry, fisheries  
& the environment

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

**RISK MANAGEMENT PLAN IN TERMS OF REGULATION 10 OF THE  
WASTE EXCLUSION REGULATIONS**

	(For official use only)
File Reference Number:	12/9/11
NEAS Reference Number:	
Date Received:	

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	Sasol South Africa (Ltd)
CONTACT PERSON	
NAME	Pieter de Beer (Sasolburg and Ekandustria Operations (SEO): Senior Manager Process Utilities)
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WASTE FACILITY OR FACILITIES						
SOURCE (S) OF WASTE	Sasolburg & Ekandustria Operations - Steam Station I & II, Sasolburg					
WASTE TO BE BENEFICIATED	Coal Riddlings					
GPS CO-ORDINATES AT CORNERS OF WASTE GENERATING FACILITY OR FACILITIES	LATITUDE			LONGITUDE		
	Steam Station I					
	26°	49'	21.35"	27°	50'	16.70"
	26°	49'	16.04"	27°	50'	27.72"
	26°	49'	19.15"	27°	50'	29.54"
	26°	49'	24.38"	27°	50'	18.55"
	Steam Station II					
	26°	49'	14.62'	27°	50'	45.80"
	26°	49'	9.25'	27°	50'	57.03"
	26°	49'	18.42'	27°	51'	2.50"
	26°	49'	23.53'	27°	50'	51.40"
	BENEFICIAL USE/S	a. Brickmaking b. Block making c. AFR d. Road aggregate				

WASTE GENERATING PROCESS		
MSDS ATTACHED IF HAZARDOUS		
WASTE GENERATING FACILITY	HAZARDOUS	GENERAL X

## RISK MANAGEMENT PLAN

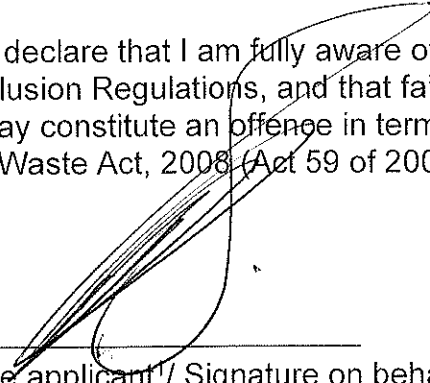
Activity	Risk Description	Action(s) to minimise/manage the risk	Responsibility (Who is responsible to carry out the action(s))
1 Loading of Riddlings onto trucks	Loss of containment of Riddlings	<ul style="list-style-type: none"> <li>• Dust management during loading of Riddlings through wetting of Riddlings</li> <li>• Stop loading of Riddlings during extreme wind conditions</li> <li>• Wearing of relevant PPE (dust mask and eye protection) during Riddlings loading</li> </ul>	<p>Riddlings generator i.e. Sasolburg Operations</p> <p>Riddlings generator employees</p> <p>Riddlings transporter employees</p>
2 Transportation of Riddlings	Loss of containment of Riddlings	<ul style="list-style-type: none"> <li>• Dust management during transportation of Riddlings through covering of trucks</li> <li>• Compliance with the Road Traffic Act;</li> <li>• Sasol Transport Policy and Procedures;</li> <li>• Access to Riddlings limited to customers and transporters that have commercial contracts with Sasol.</li> <li>• Implementation of the Emergency response plan;</li> <li>• Use of Safety Data Sheet (SDS) with hazard classification which is provided to all customers and transporters.</li> </ul>	Riddlings transporters
3 Off-loading of Riddlings	Loss of containment of Riddlings	<ul style="list-style-type: none"> <li>• Dust management during off- loading of Riddlings through wetting of Riddlings</li> <li>• Stop off-loading of Riddlings during extreme wind conditions</li> <li>• Wearing of relevant PPE (dust mask and eye protection) during Riddlings off-loading</li> </ul>	Riddlings transporters

4 Storage of Riddlings	Loss of containment of Riddlings	<ul style="list-style-type: none"> <li>• Dust management during loading of Riddlings through wetting of Riddlings</li> <li>• Avoid loading of Riddlings during extreme wind conditions</li> <li>• Wearing of relevant PPE (dust mask and eye protection) when working in Riddlings storage area</li> <li>• Storage area designed to prevent rainfall run-off from carrying Riddlings away</li> <li>• Discourage excessive storage of Riddlings - Facilities storing more than a 100 m<sup>3</sup> of Riddlings at a time, should have a firm impermeable surface on which to place the Riddlings and a system to collect and store run-off arising from the Riddlings storage facility</li> <li>• The use of Safety Data Sheet (SDS) with hazard classification which is provided to all Riddlings users</li> <li>• Clean-up plan to be implemented where Riddlings is handled.</li> </ul>	Riddlings users
5 Handling of Riddlings (i.e. screening, crushing, blending etc.)	Loss of containment of Riddlings	<ul style="list-style-type: none"> <li>• Dust management during loading of Riddlings through wetting of Riddlings</li> <li>• Adherence to production process and product standards and regulations</li> <li>• Wearing of relevant PPE (dust mask and eye protection) during Riddlings handling</li> </ul>	Riddlings users
A Brickmaking B Block making C AFR	The point at which Riddlings enters the production process of bricks and blocks to the actual products is outside the scope of this risk assessment. The incorporation of Riddlings into these existing production processes is matured. The quality of the products from these processes is regulated by relevant standards. AFR – Riddlings contains under pulverised coal, that has caloric (heating) value that can be use as coal replacement, as is.		Riddlings users
6 Disposal of Riddlings and Riddlings containing products	Loss of containment of Riddlings	<ul style="list-style-type: none"> <li>• The use of Safety Data Sheet (SDS) where disposal guidance is provided.</li> </ul>	Riddlings users

		<ul style="list-style-type: none"> <li>The use of the National Norms and standard for the assessment of waste for disposal and the Regulations for the classification and management of waste. Clean-up plan to be implemented where Riddlings is not disposed properly.</li> </ul>	
<p>7 Residual Riddlings stockpiled after closure, decommissioning or change of ownership of user facility</p>	<p>Loss of containment of Riddlings</p>	<p>Contractual agreement with Riddlings customers to include the following clause: "The owner of the facility, including the subsequent owner of the facility will remain responsible for any adverse impacts on the environment and health stemming from stockpiled Riddlings, even after operations have ceased."</p> <ul style="list-style-type: none"> <li>Land remediation</li> </ul>	<p>Riddlings users</p>

I, PJ DE BEER. (the Applicant) hereby declare that I have read the completed Risk Management Plan 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: Waste Act, 2008 (Act 59 of 2008).

  
Signature of the applicant<sup>1</sup> / Signature on behalf of the applicant:

PJ DE BEER.

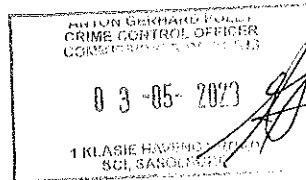
Name of Applicant:

SR. MANAGER PRODUCTION.

Designation

03 MAY 2023.

Date:



<sup>1</sup> If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.