



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

### RISK MANAGEMENT PLAN IN TERMS OF REGULATION 10 OF WASTE EXCLUSION REGULATIONS

<b>APPLICANT</b>	Tongaat Hulett Sugar		
<b>SOURCE (S) OF WASTE</b>	Processing of Sugar Cane		
<b>WASTE TO BE BENEFICIATED</b>	Filter Cake		
<b>BENEFICIAL USE/S</b>	Soil conditioner		
<b>MSDS ATTACHED IF HAZARDOUS</b>	<b>YES</b>	<input type="checkbox"/>	However the filter cake is not deemed to be hazardous
<b>WASTE GENERATING FACILITY</b>	Durban Refinery		
<b>PHYSICAL ADDRESS</b>	444 South Coast Road Rossburgh Durban 4001		
<b>GPS CO-ORDINATES OF WASTE GENERATING FACILITY</b>	29°54'32.14"S 30°58'45.77"E		

<b>POSTAL ADDRESS</b>	Private Bag 3		
	Glenashley		
	4022		
<b>CONTACT PERSON</b>	Gidion Munyaradzi		
<b>TELEPHONE</b>	032 439 4239	<b>CELL:</b>	083 459 9835
<b>EMAIL</b>	Gidion.munyaradzi@tongaat.com	<b>FAX:</b>	N/A

## RISK MANAGEMENT PLAN


Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to carry out the action)
Storage of the filter cake (Generator)	Dust generation Water pollution Soil contamination Health impacts Visual impacts	<ul style="list-style-type: none"> <li>• Appropriate PPE must be worn and workers trained in this regard</li> <li>• THS must comply with the provisions of their environmental management system</li> <li>• Filter cake will only be stored in the approved areas which have appropriate containment systems</li> <li>• Stockpiles will be sprayed with water if dust becomes a nuisance</li> <li>• Any material spilled outside the storage area will be immediately swept up and placed on the stockpile</li> </ul>	THS
Filter cake handling (Generator)	Dust generation Water pollution Soil contamination Health impacts Visual impacts Noise	<ul style="list-style-type: none"> <li>• Appropriate PPE must be worn and workers trained in this regard</li> <li>• Records for dispatch and receipt of the filter cake will be controlled and retained</li> <li>• Daily dispatch consolidations will be collated weekly and monthly for audit purposes</li> <li>• Filter cake users and transporters will be audited regularly</li> <li>• Any significant incidents reported to the Authorities in terms of S30(5) of NEMA.</li> <li>• All vehicles will be maintained in a good condition in order to reduce emissions and the likelihood of spills</li> <li>• Workers will be trained with regard to the correct first aid treatment required in case of exposure to dust</li> </ul>	THS
Transportation of the Filter cake	Dust generation Water pollution Soil contamination Health impacts Traffic impacts Visual impacts Noise	<ul style="list-style-type: none"> <li>• Trucks will not be overloaded</li> <li>• Loads will be covered</li> <li>• Trucks will be maintained in a roadworthy condition</li> <li>• Transporter will have a spill procedure in place</li> <li>• Each transporter must have a procedure which must be followed in the event of a material spill. Training and verification on this procedure must be undertaken for all drivers.</li> </ul>	Waste Transporter

		<ul style="list-style-type: none"> <li>• Truck drivers will have the required driving licences and undergo regular driver training</li> <li>• All documentation must be in place in accordance with the provisions of the National Road Traffic Act and Regulations</li> <li>• Appropriate PPE must be worn and workers trained in this regard</li> <li>• The Risk Management plan must accompany the filter cake and be handed to the user along with the filter cake</li> <li>• Any significant incidents reported to the Authorities in terms of S30(5) of NEMA.</li> </ul>	
Storage of the Filter cake (user)	Dust generation Water pollution Soil contamination Health impacts Visual impacts	<ul style="list-style-type: none"> <li>• The user will comply with the requirements of the Management Plan</li> <li>• Filter cake will be offloaded directly onto the fields and ploughed in as soon as feasible.</li> <li>• Any spillages not on the fields will be immediately swept up and material placed in storage areas</li> <li>• The product must be kept out of watercourses to avoid silting and pollution</li> <li>• Appropriate PPE must be worn and workers trained in this regard</li> </ul>	Farmers and other users
Handling and distribution (user)	Dust generation Water pollution Soil contamination Health impacts Visual impacts Noise Socio-economic impacts	<ul style="list-style-type: none"> <li>• Local labour will be used wherever possible.</li> <li>• Filter cake must not be allowed to clog drains or enter stormwater or watercourses</li> <li>• Filter cake will only be used for the approved farming activities and will not be sold on by the farmers.</li> <li>• Filter cake will be mixed with the soil as soon possible to reduce risk of air and water pollution</li> <li>• Appropriate PPE must be worn and workers trained in this regard</li> <li>• Each site will have an incident and complaints register in which all incidents and complaints are recorded together with a description of corrective action taken.</li> <li>• Any significant incident must be reported to THS who must in turn, report the incident to the Authorities in terms of S30(5) of NEMA.</li> <li>• Workers will be trained with regard to the correct first aid treatment required in case of exposure to dust.</li> </ul>	Farmers and other users

**DECLARATION**

I, GIDION MUNYARADZI hereby declare that I have read the completed a Risk Management 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).

Applicant (Full names) GIDION MUNYARADZI  
Designation SHEQS EXECUTIVE  
Signature   
Date 08-01-2020 Place AMATIKULU

**FOR OFFICE USE ONLY**

Date Received				
Decision Taken	Authorised		Not authorised (provide reason)	
Reference Number				