



## 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>	Burning of coal and bagasse		
<b>WASTE TO BE BENEFICIATED</b>	Boiler Ash		
<b>BENEFICIAL USE/S</b>	Soil conditioner		
<b>MSDS ATTACHED IF HAZARDOUS</b>	<input checked="" type="checkbox"/>	<b>NO</b>	The ash is not deemed to be hazardous
<b>WASTE GENERATING FACILITY</b>	Felixton Mill Amatikulu Mill		
<b>PHYSICAL ADDRESS</b>	Felixton - Mills Walk, Felixton, Empangeni 3875		
	Amatikulu - Mill Road, Amatikulu 3801		
<b>GPS CO-ORDINATES OF WASTE GENERATING FACILITY</b>	Felixton Mill 28°50'06.21"S 31°53'29.15"E  Amatikulu Mill 29°02'41.51"S 31°31'41.96"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 ash (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>• Ash 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
Ash 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 ash will be controlled and retained</li> <li>• Daily dispatch consolidations will be collated weekly and monthly for audit purposes</li> <li>• Ash 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 ash dust</li> </ul>	THS
Transportation of the Ash	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 ash and be handed to the ash user along with the ash</li> <li>• Any significant incidents reported to the Authorities in terms of S30(5) of NEMA.</li> </ul>	
Storage of the Ash (user)	Dust generation Water pollution Soil contamination Health impacts Visual impacts	<ul style="list-style-type: none"> <li>• The ash user will comply with the requirements of the Ash Management Plan</li> <li>• Ash 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
Ash 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>• Ash must not be allowed to clog drains or enter stormwater or watercourses</li> <li>• Ash will only be used for the approved farming activities and will not be sold on by the farmers.</li> <li>• Ash 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 MUNYAKADZI 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 MUNYAKADZI  
Designation SHEQS EXECUTIVE  
Signature [Signature] P.P  
Date 08-01-2020 Place AMATIKULU

**FOR OFFICE USE ONLY**

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