



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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

APPLICANT	Sappi Southern Africa Limited – Ngodwana Mill		
SOURCE(S) OF WASTE	Angular ash particle that is too large to be carried up into the smoke stacks so it forms in the bottom of the coal furnace		
WASTE TO BE BENEFICIATED	Ash		
BENEFICIAL USE/S	Landfill cover material		
MSDS ATTACHED IF HAZARDOUS	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
WASTE GENERATING FACILITY	Sappi Southern Africa Limited – Ngodwana Mill		
PHYSICAL ADDRESS	Sappi Ngodwana Mill, N4 Highway, Ngodwana		
GPS CO-ORDINATES OF WASTE GENERATING FACILITY (e.g. 60° 29' 30" Latitude; 34° 20' 15" Longitude)	25°34'41.1" Latitude 30°39'36.1" Longitude		
POSTAL ADDRESS	Private Bag X1001, Ngodwana, 1209		
CONTACT PERSON	Jabu Tlou		
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RISK MANAGEMENT PLAN

Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to carry out the action)
Storage	Accidental spillage into the environment	Ash offloaded in the demarcated storage areas Storage area banded with hardstanding floor with leachate containment Accidental spills cleaned up immediately Quarterly inspections of storage area to check integrity of the structure	Generator Receiving site
	Leachate from stockpiled material during rainfall	Storage area banded with hardstanding floor with leachate containment Leachate separated from stormwater Dirty water appropriately disposed of Storage area audited quarterly to check integrity of the structure	Generator Receiving site
	Windblown ash	Top layer of stockpiled ash to be kept moist Stockpile to be managed to reduce standing time	Generator Receiving site
Transportation	Air borne ash	Truck correctly loaded with no overfilling and covered	Generator
	Accidental spillage into the environment	Truck correctly loaded and covered	Generator
		Accidental spills cleaned up immediately	Generator Receiving site

Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to carry out the action)
		Ash transported by permitted waste transport company	Generator
Manufacturing	Windblown ash	Top layer of stockpiled ash to be kept moist	Receiving site
	Dust generation due to mixing process	MSDS provided to the Receiving site who is trained on safety requirements	Generator
		Receiving sites implement safety requirements of MSDS to minimise workers exposure to dust	Receiving site
	Spillage during mixing process	Mixing occurs within a formal, bunded area with hardstanding floor and leachate containment Accidental spills cleaned up immediately	Receiving site
Use as landfill cover material	Leachate generation during rainfall	Landfill cells lined in accordance with the minimum requirements for a GMB+ liner to prevent seepage into the groundwater Leachate run-off collected in containment facilities for treatment Leachate separated from stormwater	Receiving site

DECLARATION

I, Jabu Tlou hereby declare that I have read the completed 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) Jabu Tlou

Designation Risk manager

Signature 

Date 11/02/2020

Place Ngodwana

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