



forestry, fisheries & the environment

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

APPLICATION FORM FOR EXCLUSION OF WASTE STREAM OR PORTION OF WASTE STREAM FROM THE DEFINITION OF WASTE IN TERMS OF GN 715 OF 18 JULY 2018.

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

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 application form is current as of 18 July 2018. 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 application 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. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the refusal of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. 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.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environment, Forestry and Fisheries
Attention: Director: Licensing
Private Bag X447
Pretoria
0001

Physical address:

Department of Environment, Forestry and Fisheries
Environment House (473 Steve Biko Rd, corner Steve Biko and
Soutpansberg Rds)
Arcadia X6
PRETORIA
0002

Application queries should be directed to the Directorate: Licensing on:

Tel : 012 3999 791

Email: Lmahlangu@environment.gov.za

COMMENCEMENT: Has the activity (ies) commenced: **No**

The activities for the beneficiation of the Transnet Freight Rail Railway Ballast Spoils have not commenced.

If yes, When (provide the Year, Month and Date):

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WASTE STREAM/PORION OF WASTE STREAM

Railway Ballast Spoils / Waste

BENEFICIAL USE

Transnet Freight Rail sought to apply for the following Beneficial Uses for its Ballast Spoils / Waste:

- **Stabilisation of Embankment including Retention Structures;**
- **Aggregate Material during Construction and Maintenance of Access and or Service Roads;**
- **Water Drainage and Filtration Systems;**
- **Use in the Lower Grade required Railway Lines and Marshalling Yards;**
- **Substructure Material in Building Foundations; and**
- **Fill Material in the Rehabilitation of Quarries and Borrow Pits.**

SITE GPS CO-ORDINATES

Please provide the geographic co-ordinates of all corners of the waste generating site; in degrees, decimal minutes, and seconds for all sites (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site). Provide geographic coordinates for all corners of the facility (ies) ONLY THE FORMAT PRESCRIBED (e.g. 60° 29' 30" Latitude; 34° 20' 15" Longitude)

Transnet Freight Rail (TFR) maintains a complex rail network of approximately 31000 track km over which commodities are railed in South Africa. The diverse rail network comprises 1500 km heavy haul lines, and also includes 3 928 km of branch lines that serve as feeders to main lines. Over the years, TFR replaced old with new ballast during annual and ad-hoc railway maintenance. This has resulted in huge ballast spoils which are currently stockpiled along the railway network across the four TFR main corridors of Central, Containers, North and Iron Ore. Specifically, there are +/-550 stockpiles along the railway lines between Saldanha–Sishen, Nelspruit area, Ermelo–Richards Bay and Johannesburg–Durban. The detailed locations (area, coordinates, quantities) of the stockpiles were verified during collection of the ballast samples used for the waste classification.

CORNER	LATITUDE	LONGITUDE
A list of the stockpiles is attached to this application and also included in the Motivational Report as Annexure A: Location of Ballast Waste Stockpiles.		

1. BACKGROUND INFORMATION

Applicant:	Transnet Freight Rail		
Trading name (if any):	Transnet Freight Rail		
Contact person:	Mr Ndivhuwo Netshilaphala		
Physical address:	Transnet Freight Rail 21 Wellington Road Parktown Johannesburg		
Postal address:	Transnet Freight Rail 21 Wellington Road Parktown Johannesburg		
Postal code:	2193		
Telephone:	011 584 0528	Cell:	0718563667
E-mail:	Ndivhuwo.netshilaphala@transnet.net	Fax:	n/a
SAWIS registration number:			
Nearest town or districts:	City of Johannesburg		

2. DETAILED DESCRIPTION OF WASTE GENERATING PROCESS (Attach supporting illustrations)

Supporting documents attached?	Yes	No
Production Process Flow Chart: Attached in this Application Form and also included in the Motivational Report in Chapter One, Figure 2.	✓	
Waste Classification: The ballast samples were subjected to Laboratory Tests and Ballast classified as a Type 3 (General). MSDS is attached to this Application Form and also detailed Waste Classification included in the Motivational Report as Chapter 4 and MSDS as Annexure I.	✓	
Chemical and technical specification¹ (pre-beneficiation): The Chemical and Technical Specification of the Ballast has been analysed and contained in the attached MSDS and detailed in Chapter 4 of the Motivational Report.	✓	
Chemical and technical specification (post beneficiation): The Chemical and Technical Specification of the Ballast has been analysed and contained in the attached MSDS and detailed in Chapter 4 of the Motivational Report.	✓	
Risk Assessment Report: RA report finalised as per Regulation 8 and contained in the Risk Assessment Regulation 8 Application Form. In addition, the Risk Assessment Report has been attached as Annexure L of the Motivational Report.	✓	
Risk Management Plan: RM Plan finalised as per Regulation 10 and contained in the Risk Management Plan Regulation 10 Application Form. In addition, the Risk Management Plan has been attached as Annexure M of the Motivational Report.	✓	

¹ Chemical and technical specifications must include the following:

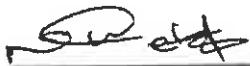
- Leaching potential
- Long term stability and functionality
- Reactivity with environmental factors
- Storage requirements (to be included in the Risk Assessment and Risk Management Plan)

3. DECLARATIONS

3.1 The Applicant

I, Ndivhuwo Netshilaphala declare that I -

- am, or represent², the applicant in this application;
- will provide the Minister with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred, in respect of the undertaking of any process required in terms of the Regulations; and
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant is responsible for in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 14(1) of these regulations and is punishable in terms of regulation 14(2) of these Regulations.



Signature of the applicant³/ Signature on behalf of the applicant:

Transnet Freight Rail

Name of company (if applicable):

22/06/2023

Date:



Signature of the Commissioner of Oaths:

Mokheleli Alina Simelane

Name of the Commissioner of Oaths:

Date: 22/06/2023

Designation: Alina Simelane
Commissioner of Oaths Ex Officio
Director: 30/06/2017

Official Stamp: Room, 32 Oak Avenue
Cairdene, Johannesburg

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.



Production Process Flow Chart