

**SISHEN IRON ORE COMPANY (PTY) LTD**  
**NOTICE OF A BASIC ENVIRONMENTAL IMPACT ASSESSMENT**  
**DEVELOPMENT OF A WASTE TYRE MANAGEMENT FACILITY**  
**DENC REFERENCE: NC/ENQ/136/JTG/JOE/KAT4/2021**

**1. Introduction**

Notice is hereby given that Sishen Iron Ore Company (SIOC) proposes to develop a facility for the storage and mechanical downsizing (cutting, shredding and granulation) of waste tyres on the Remaining Extent of farm Sekgame 461 Kuruman RD, 1.7km south west of the centre of Kathu in the Gamagara Local Municipality. The site is located adjacent (south) to an existing industrial area and the closest residential area is located 460m north-east of the site.

The development of the proposed facility triggers Activities 27 and 28 listed in Listing Notice 1 (GNR 327) promulgated in terms of the National Environmental Management Act (No. 107 of 1997) (NEMA). Therefore, a Basic Environmental Impact Assessment (BA) must be undertaken to obtain an Environmental Authorisation (EA) prior to commencement of the activities. The facility will also require registration in terms of the Norms and Standards for the Storage of Waste (GN 926) as well as the Norms and Standards for the Sorting, Shredding, Grinding, Crushing, Screening or Baling of General Waste (GN 1093). The facility will be located approximately 320m from a cryptic wetland and therefore requires a General Authorisation registration in terms of Government Notice (GN) 509 of 2016 for Activities listed in Section 21(c)&i of the National Water Act (No. 36 of 1998).

A public participation process must be undertaken in terms of the EIA regulations (GNR 326 of 2017) to inform all relevant Interested and Affected Parties (IAPs) of the proposed project and allow the IAPs to comment. This letter serves to **notify you as a landowner, lawful occupier, interested or affected party of the EIA process that are being undertaken**. EXM Environmental Advisory (Pty) Ltd has been appointed as the Independent Environmental Assessment Practitioners (EAP) responsible for administering the abovementioned application process:

**PURPOSE:**

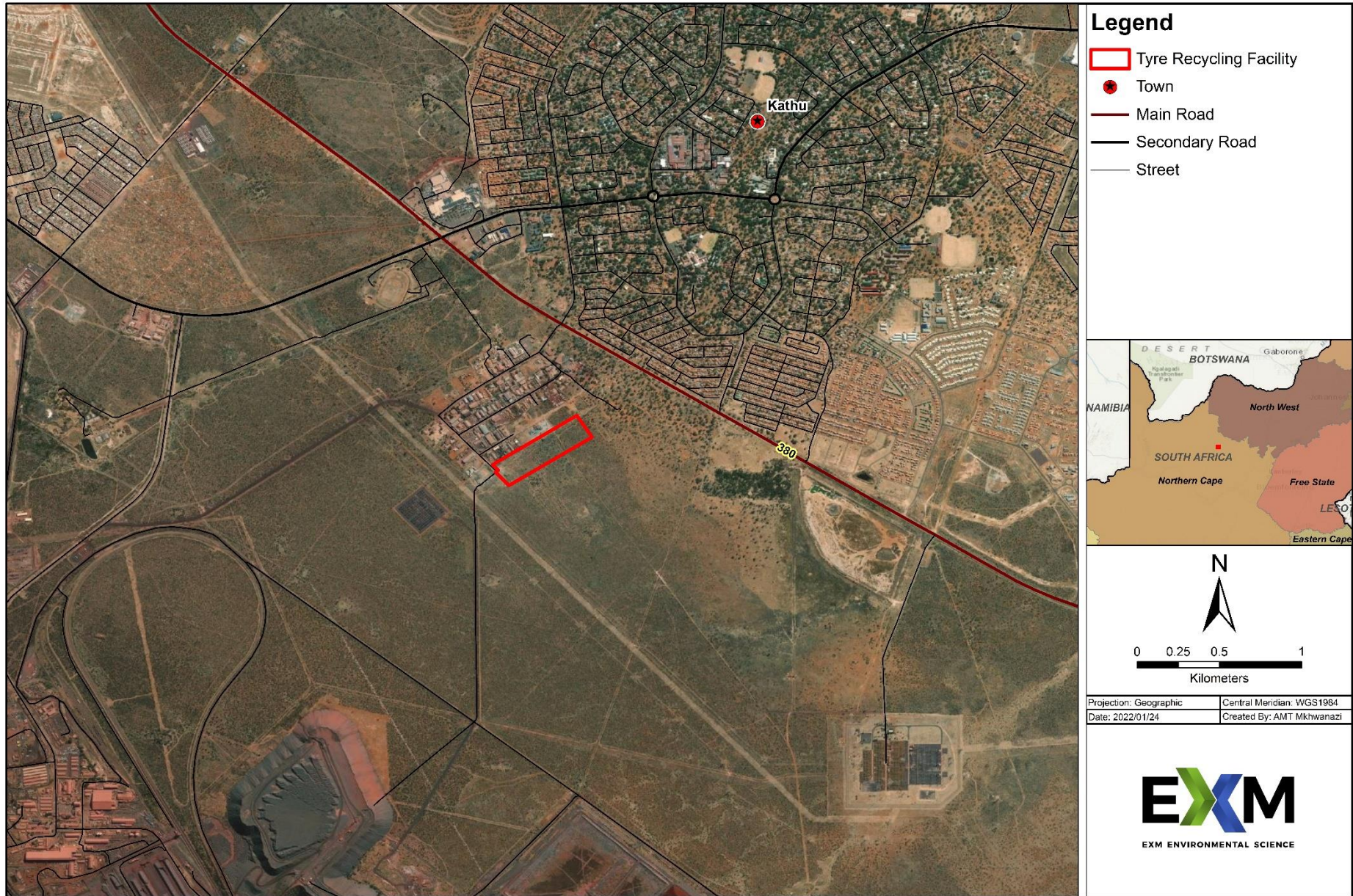
This document serves to:

- Notify you of the EIA process.
- Describe the application processes.
- Inform you as to how you can provide input into the process.

**YOUR ROLE:**

As an interested and affected party, your role is to:

- Ask questions, raise issues and concerns.
- Attend public meetings.
- Review and provide comment on environmental reports.



**Proposed Development of a Waste Tyre Management Area near Kathu - General Location**

**FIGURE 1: GENERAL LOCATION OF THE PROPOSED WASTE TYRE MANAGEMENT FACILITY**

## **2. Preliminary Overview of the of the proposed Waste Tyre Management Facility**

Sishen Iron Ore Company (Pty) Ltd proposes to develop a facility for the storage and mechanical downsizing (cutting, shredding and granulation) of waste tyres on the Remaining Extent of farm Sekgame 461 Kuruman RD, 1.7km south west of the centre of Kathu in the Gamagara Local Municipality. The site is located adjacent (south) to an existing industrial area and the closest residential area is located 460m north-east of the site.

Waste tyres will be transported to the site and downsized to approximately 30-60mm, or even smaller. The product will be transported to offsite facilities for further processing. No further processing (recycling or recovery) of the material will be undertaken and therefore a Waste Management Licence (WML) will not be required for the proposed facility.

The proposed facility including the associated infrastructure will require the clearance of indigenous vegetation of approximately 8.4 hectares and will entail the development of the following structures/infrastructure.

- Building which contains equipment for shredding/cutting of waste tyres;
- Security office;
- Staff building with cafeteria;
- Admin and finance building;
- Diesel storage area (approximately 10m<sup>3</sup>);
- Waste tyre storage area;
- Workshop and parking areas; and
- Perimeter fence.

Water (potable as well as operational) will be obtained from an existing municipal connection and the site will also connect to the municipal sewer system.

### 3. Environmental Approvals Required

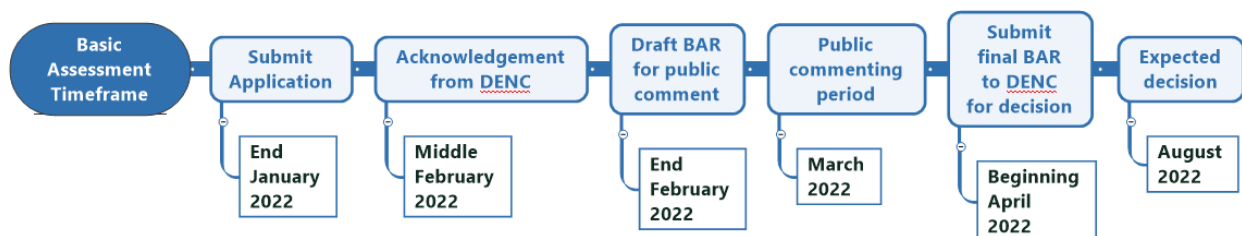
#### 3.1.1 National Environmental Management Act (No. 107 of 1998) (NEMA)

Activities triggered in terms of Listing Notices published in terms of the National Environmental Management Act (No. 107 of 1998) require an Environmental Authorisation (EA) prior to commencement. Activities triggered in Listing Notices 1 (GNR 327) and 3 (GNR 324) require a Basic Environmental Impact Assessment (BA) process to obtain an EA and Activities triggered in Listing Notice 2 (GNR 325) require a full EIA and Scoping process to obtain an EA prior to commencement. Environmental Authorisation (EA) is required for activities listed in Listing Notice 1 (GNR 327) of the National Environmental Management Plan (NEMA).

**Table 1: Listed Activities Triggered in GNR 327**

Activity	Description
Activity 27	The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for – <ol style="list-style-type: none"> <li>the undertaking of a linear activity; or</li> <li>maintenance purposes undertaken in accordance with a maintenance management plan.</li> </ol>
Activity 28	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: <ol style="list-style-type: none"> <li>will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or</li> <li>will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.</li> </ol>

Therefore, a BA process will be undertaken to obtain an EA for the proposed facility. The regulated timeframes for the completion of the BA process, as provided in the EIA Regulations, are provided in Figure 3 below.



**FIGURE 3: BASIC ASSESSMENT PROCESS**

### 3.1.2 National Environmental Management: Waste Act (Act 59 of 2008) (NEM:WA)

In terms of the National Environmental Management: Waste Act (No. 59 of 2008), waste management activities that are listed in regulations (GNR 921) published under NEM:WA may not be undertaken without a Waste Management License (WML) or registration in terms of relevant Norms and Standards. Category A activities require a BA process to be undertaken and Category B activities require a full EIA to obtain a WML prior to commencement. Category C activities must be registered in terms of the relevant Norms and Standards. The proposed facility will trigger the following activities in Category C of GNR 921 and the Table indicates the Norms and Standards applicable to the facility.

**TABLE 2: NEM:WA LISTED ACTIVITIES TRIGGERED BY THE PROJECT**

<b>Category C of GN R. 921</b>		
<b>Activity 1</b>	The storage of general waste at a facility that has the capacity to store in excess of 100m <sup>3</sup> of general waste at any one time, excluding the storage of waste in lagoons or temporary storage of such waste.	The facility's storage capacity will exceed 100m <sup>3</sup> and therefore will require a registration in terms of the Norms and Standards for Storage of Waste, 2013
<b>Activity 6</b>	The sorting, shredding, grinding, crushing, screening or baling of general waste at a waste facility that has an operational area that is 1000m <sup>2</sup> and more.	The facility will have an operational area that exceeds 1000m <sup>2</sup> and therefore will require a registration in terms of the National Norms and Standards for the Sorting, Shredding, Grinding, Crushing, Screening or Baling of General Waste, 2017.

### 3.1.3 National Water Act (Act 36 of 1998) (NWA)

A relatively small cryptic wetland (pan) has been identified approximately 320 meters south west of the proposed development. According to GN 509, all activities within 500 meter from a delineated boundary (extent) of any wetland or pan is regulated in terms of Section 21(c) and 21(i) of the National Water Act (NWA) and requires authorisation, either a Water Use Licence or a General Authorisation (GA). According to the Aquatic Specialist Study undertaken, the proposed facility has a low risk of impacting on the identified wetland and therefore a General Authorisation (GA) application is undertaken parallel to the EIA to obtain authorisation from the Department of Water and Sanitation (DWS).

#### 4. Public Participation Process

A public participation process is being undertaken as part of the application processes. The process is conducted in terms of the NEMA EIA regulations (GNR. 326 of 2017). Stakeholders are offered the opportunity to be informed about the application, raise comments, issues or concerns and provide input into the application and reports.

Interested & affected parties are invited to participate in the environmental process. You can provide input by:

- Registering as an interested & affected party (IAP);
- Asking questions and raising initial concerns by completing and returning the response sheet (attached); and
- Reviewing and providing comment on reports.

All I&APs will be informed when the draft Basic Impact Assessment Report (BAR) will be available for review. Should you have questions or require more information, **please contact:**

**Vivienne Vorster**

EXM Environmental Advisory (Pty) Ltd

Cell: 082 449 5356

Fax: 086 479 4750

Email: [vivienne@exm.co.za](mailto:vivienne@exm.co.za)

Postnet Suite 211 Private Bag x0001, Ballito, 4420

Yours sincerely

Vivienne Vorster

Senior Environmental Assessment Practitioner

EXM Environmental Advisory (Pty) Ltd

**SISHEN IRON ORE COMPANY (PTY) LTD**  
**BASIC ENVIRONMENTAL IMPACT ASSESSMENT: DEVELOPMENT OF A WASTE TYRE MANAGEMENT FACILITY**

<b>Name:</b>	
<b>Address:</b>	
<b>Telephone/cell phone:</b>	
<b>Fax:</b>	
<b>E-mail:</b>	
<b>Date:</b>	
<b>Signature:</b>	

If you know of others who should be informed of this application, please provide us with their contact details:

<b>Name:</b>	
<b>Address:</b>	
<b>Telephone/cell phone:</b>	
<b>Fax:</b>	
<b>E-mail:</b>	

**ISSUES, CONCERNS AND QUESTIONS**
