



## AGENDA & MEETING NOTES

PROJECT NUMBER	41106607	MEETING DATE	30 January 2024
PROJECT NAME	FFS Evander Waste Oil	VENUE	MS Teams
CLIENT	FFS Refiners (Pty) Ltd	RECORDED BY	N/A
MEETING SUBJECT	Pre-Application meeting		

PRESENT	Tshepho Mamashela (TM) – WSP Anri Scheepers (AS) – WSP; Alison Osborn (AO) – FFS Refiners; Lucas Mahlangu (LM) – DFFE;
APOLOGIES	N/A
DISTRIBUTION	Meeting Attendees
CONFIDENTIALITY	Confidential

ITEM	SUBJECT	ACTION	DUE
<b>NOTE</b>			
These notes constitute a summary of the key discussion points and decisions made during the pre-application discussion. They are not intended to reflect the exact discussions held.			
<b>1. INTRODUCTION</b>			
	<b>AS</b> opened the meeting by welcoming everyone and introducing herself as the project manager responsible for overseeing the project. She further introduced the WSP team which consisted of <b>TM</b> , the EAP and the FFS Refiners team which consisted of <b>AO</b> Environmental Manager.  <b>LM</b> introduced himself as the DFFE official.	N/A	N/A
<b>2. DISCUSSION</b>			
	The meeting commenced with <b>AS</b> presenting the project overview. FFS operates an existing facility in Evander that is authorised for the processing of tar acquired from char producers, blending tar, oil and wax into wood preservative compounds, and receiving, storing and re-distribution of various oils and liquid fuels. In addition, the facility holds and Atmospheric Emissions Licence (AEL) for the following activities: Activity 2.4 and Activity 3.3	N/A	N/A

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## MEETING NOTES

ITEM	SUBJECT	ACTION	DUE
	FFS intends to process and store hydrocarbon waste streams at the existing facilities. The existing authorised production and storage capacities will not be increased. The facility does not have a WML for the processing of hydrocarbon waste streams and neither does the AEL include Activity 2.5 – Industrial Fuel Oil Recyclers.		
<b>3. DISCUSSION</b>			
	<p><b>LM</b> enquired if there will be a new facility constructed and how the existing facility will be configured to process hydrocarbon waste.</p> <p><b>AO</b> said that the existing facility is designed in a way that it will be able to process hydrocarbons without major new construction. The area manager of FFS will be the relevant person to explain the process and suggested a follow-up meeting</p>	Schedule a meeting based on the availability of dates provided by DFFE	14 February 2024
<b>4. Conclusion</b>			
	<p><b>AS</b> asked if there are any further questions.</p> <ul style="list-style-type: none"> <li>● No further comments from attendees.</li> <li>● <b>AS</b> concluded the meeting.</li> </ul>	N/A	N/A

## MEETING PRESENTATION

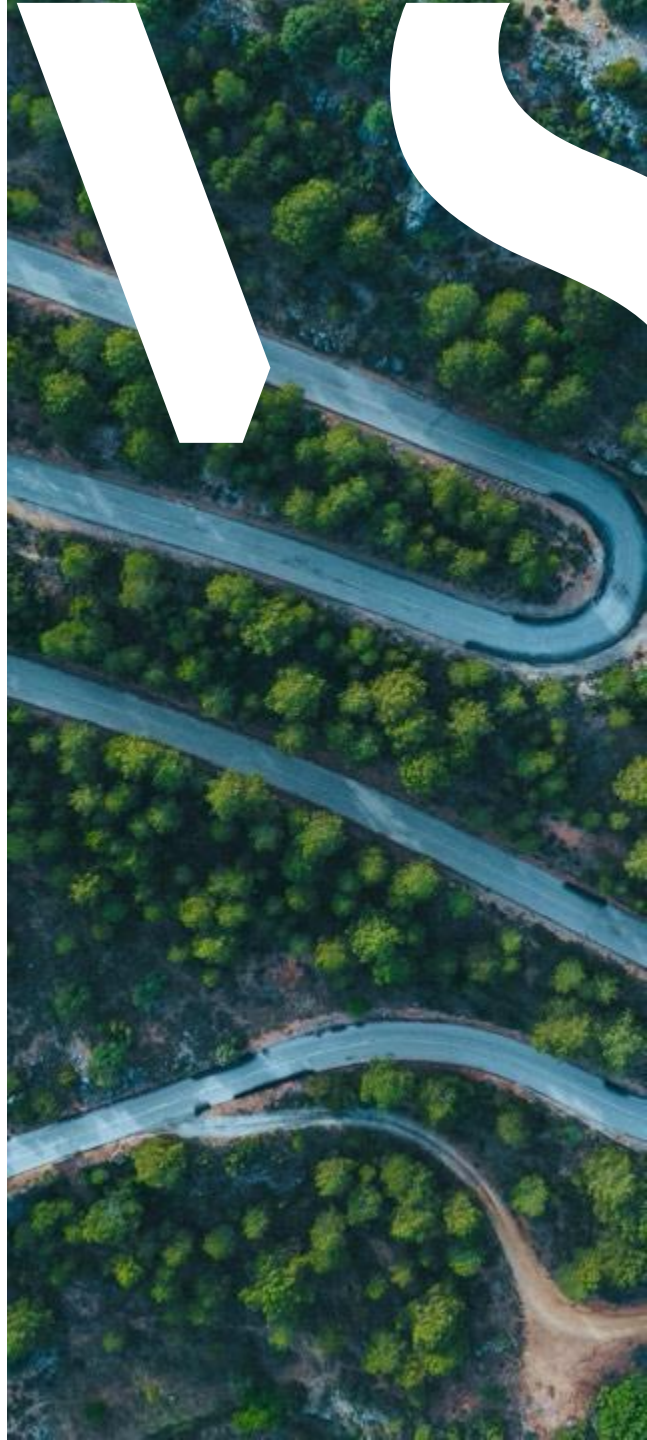
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A low-angle photograph of a white wind turbine against a clear blue sky. A red lattice crane is positioned next to the tower, with its arm extending upwards. Two small figures of workers are visible on the nacelle. A large white graphic element, resembling a stylized 'V' or a folded piece of paper, is on the right side of the image.

# Hydrocarbon Waste Processing Facility

**FFS Refiners (Pty) Ltd**

Evander, Govan Mbeki District Municipality



# Introduction

## **FFS Refiners (Proponent):**

- Alison Osborn- Environmental Compliance Manager

## **WSP Group Africa (EAP):**

- Anri Scheepers
- Tshepho Mamashe;a

## **DFFE (CA):**

- Lucas Mahlangu





# Agenda

- FFS Refiners Background
  - Who are R-Bay Properties and what they do
- Project Background
  - Location
  - Current Activities
  - Proposed Activities
- Legal Review and Process
- DFFE screening results
- Specialist Studies
- Public Participation Process
- Closing



# FFS Refiners (Pty) Ltd

## Who they are

FFS Refiners (Pty) Ltd are in the business of refining hydrocarbon liquids for use in the industrial heating fuel market. The FFS Evander plant located at 3 Brunel Road, currently processes tar derived fuels into industrial heating fuels. The site also produces creosote for wooden pole treatment.





# Project Background

**Location:** 3 Brunel Rd, Evander, 2280





# Project Background

## Authorisations held

### Site A

The facility holds three Environmental Authorisations, :

- Waxy Oil Processing Facility, 17/2/3/GS-175, 31 March 2014
- Tank Storage Facility, 17/2/2/1(c) MP-07, 30 March 2011
- Tar Processing Facility, 17.2.25.16H45, 15 August, 2005

The facility holds and Atmospheric Emissions Licence (AEL)

### Site B

Waste Management Licence (12/9/11/L180525115417/6)

Category B 2, 3 ,4 and 10



# Project Background

## Current Operations

FFS operates an existing facility in Evander that is authorised for the processing of tar acquired from char producers, blending tar, oil and wax into wood preservative compounds, and receiving, storing and re-distribution of various oils and liquid fuels.





# Project Background

## Waxy Oil Processing Facility

To undertake the following activities (hereafter referred to as "the activity"): The construction of waxy oil processing facility and storage of oil and petroleum products with a combined total capacity of 1940 at Evander. The process facility entails the construction of six 250m<sup>3</sup> and seven 60m<sup>3</sup> storage tanks for static plant with a combined total capacity of 1920m<sup>3</sup>. The plant has a footprint of 25 000m<sup>2</sup>. Other equipments that will be installed include:

- 4x1 Centrifugal Separators;
- Static Separators
- A distillation Plant
- Filtration Plant
- Heat exchangers
- Magnetic Separation Plant
- 2x1 Chillers;
- 2x1 Cooling Towers
- 2x1 Scrubbers
- 2x1 Oil fired heaters





# Project Background

## Storage Tanks

To undertake the following activity (hereafter referred to as "the activity"): The construction of a 25 000m<sup>3</sup> petroleum products storage tanks. The activity entails the installation of 12 additional tanks adjacent to the existing tar processing facility. The petroleum products that will be stored will be Class II and III petroleum products. Class two products ignite at temperatures greater than 38 °C-they are made of Coker oil, light mix distillate, middle distillate, paraffin etc. Class III product ignite at 55°C but not exceeding 100 °C and comprises of products such as oil, heavy fuel oil etc. A provision will also be made for the storage of Class I products, on Erf 1940, Evander, Goven Mbeki Local Municipality, Mpumalanga Province. Coordinates: 26° 29' 12"S and 29° 06' 02"E. **Items 1(c) and 1 (e) as identified in terms of Chapter 5 of the National Environmental Management Act, 1998 and Government Notice R 387 of 21 April 2006.**



# Project Background

## Tar Processing Facility

FFS Refineries is proposing to relocate its tar processing facility from the Sasol Complex in Secunda to Evander Industrial site. The new plant will be used to process tar acquired from char producers, blending of processed tar, oil and wax into wood preservative compounds, and receiving, storing and re-distribution of various oils and liquid fuels. The process plant will comprise the following:

- Incoming product receiving tanks with solids
- Strainers to protect the primary centrifuge
- A primary centrifuge plant in which the bulk of the solids are removed from the wet product
- A forced feed evaporator for water removal and re-condensed to form an effluent
- A centrifuge station for final solids removal
- A vacuum stripper in which remaining water and light ends are removed from the product to ensure the correct flash point and
- Final filtration through self-cleaning wedge wire filters before transfer to final product storage





# Project Background

## Proposed Project

- FFS intends to process and store hydrocarbon waste streams at the existing facilities. The existing authorised production and storage capacities will not be increased.
- The facility does not have a WML for the processing of hydrocarbon waste streams and neither does the AEL authorise Activity 2.5 – Industrial Fuel Oil Recyclers.





## Legal Framework

Listed Activity	Description of Project Activity
<b>GNR 921 – Category A</b>	
<u>Activity 13:</u>  <i>The expansion of a waste management activity listed in Category A or B of this Schedule.</i>	Increase of capacity to process and store hazardous waste. No construction will take place

Basic Assessment Process in terms of the NEMA EIA Regulations, as amended

## Proposed Specialist Studies

- Air Quality Impact Assessment

No construction will take place. Site already Impacted

# Public Participation Process

- Site notices:
  - English
  - On-site and surrounding areas
- Newspaper adverts:
  - One local newspaper
  - English
- Written notification via email to all stakeholders
- Focus group meetings:
  - Only if requested
- Draft BA Report:
  - WSP on request
  - Online via WSP website
  - Hardcopy at 1 public library
  - Electronic copies to key commenting authorities
- Final BA Report:
  - WSP on request
  - Online via WSP website
  - Electronic copies to key commenting authorities
  - No hard copies





## Closing

- Confirmation of Listed Activities
- Specialist studies to be undertaken

