

# CIVIL AVIATION COMPLIANCE STATEMENT REPORT

## PROPOSED DEVELOPMENT OF A NEW LANDFILL SITE (CLASS B) AND ASSOCIATED INFRASTRUCTURE ON THE REMAINING EXTENT OF PORTION 1 OF THE FARM MELK SPRUIT NO. 12, WALTER SISULU LOCAL MUNICIPALITY, EASTERN CAPE PROVINCE

In terms of the Protocol for the Specialist Assessment and  
Minimum Report Content Requirements for Environmental Impacts  
on Civil Aviation Installations (Government Notice No. 320,  
Government Gazette 43110, 20 March 2020)

| Project Applicant                                                                                                                                                                                                                               | Environmental Assessment Practitioner                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Walter Sisulu local municipality</b><br>1 Greyling Street<br>Burgersdorp<br><b>9744</b><br><b>Contact Person:</b> Sivuyile Mbobo (Waste Manager)<br><b>Email:</b> <a href="mailto:sivuyile.mbobo@wslm.gov.za">sivuyile.mbobo@wslm.gov.za</a> | <b>Rambuda Consultants (Pty) Ltd</b><br>Erf 2141, 71 Arsenic Street<br>Clayville X 26<br>1666<br><b>Contact Person:</b> Mr. Kabedi Mashilo ( <i>Pr. Nat. Sci.</i> )<br><b>Tel:</b> 079 493 8972 <b>Fax:</b> 086 538 6300<br><b>Email:</b> <a href="mailto:marumo@rambudaconsultants.co.za">marumo@rambudaconsultants.co.za</a><br><a href="mailto:stakeholders@rambudaconsultants.co.za">stakeholders@rambudaconsultants.co.za</a> |

August 2026 (Rev 01)





## TABLE OF CONTENTS

|          |                                                   |          |
|----------|---------------------------------------------------|----------|
| <b>1</b> | <b>INTRODUCTION AND PROJECT DESCRIPTION .....</b> | <b>1</b> |
| 1.1      | PROJECT LOCATION .....                            | 1        |
| 1.2      | PROJECT DESCRIPTION .....                         | 2        |
| 1.3      | PROJECT NEED AND DESIRABILITY .....               | 3        |
| 1.4      | POLICY DIRECTIVE.....                             | 4        |
| I        | SCREENING TOOL REPORT: THEME CIVIL AVIATION.....  | 4        |
| <b>2</b> | <b>COMPLIANCE STATEMENT .....</b>                 | <b>5</b> |
| 2.1      | AERONAUTICAL INFORMATION MANAGEMENT .....         | 5        |
| 2.2      | FAAN ALI WAL NORTH (41) AERODROME .....           | 6        |
| 2.3      | IMPACT ON CIVIL AVIATION .....                    | 7        |
| 2.4      | SITE SENSITIVITY.....                             | 7        |
| <b>3</b> | <b>CONCLUSION .....</b>                           | <b>8</b> |
| <b>4</b> | <b>STATEMENT OF INDEPENDENCE .....</b>            | <b>9</b> |

## LIST OF FIGURES

|                  |                                                                                           |   |
|------------------|-------------------------------------------------------------------------------------------|---|
| <b>Figure 1:</b> | Locality Map of the Project.....                                                          | 1 |
| <b>Figure 2:</b> | Proposed Concept Design for the Maletswai Landfill Site.....                              | 2 |
| Figure 3:        | Map of relative civil aviation .....                                                      | 4 |
| Figure 4:        | RSA DATA KMZ, dated 06 August 2026 .....                                                  | 5 |
| Figure 5:        | Aerodrome proximity to the proposed site .....                                            | 6 |
| Figure 6:        | Details of the FAAN – Aliwal North (41) Aerodrome (Source: Civil Aviation Authority)..... | 6 |

## LIST OF TABLES

|                 |                                                                                                                                               |    |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----|
| Table 1:        | protocol for the specialist assessment and minimum report content requirements for environmental impacts on civil aviation installations..... | ii |
| <b>Table 2:</b> | Property Information .....                                                                                                                    | 1  |

## SPECIALIST ASSESSMENT AND MINIMUM REPORT CONTENT REQUIREMENTS OF IMPACTS ON CIVIL AVIATION INSTALLATIONS

*Table 1: protocol for the specialist assessment and minimum report content requirements for environmental impacts on civil aviation installations*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p>1. General Information</p> <p>1.1. An applicant intending to undertake an activity identified in the scope of this protocol for which a specialist assessment has been identified on the screening tool:</p> <p>1.1.1. on a site identified as being of:</p> <p>1.1.1.1. “very high”, “high” or “medium” sensitivity for civil aviation, must submit a Civil Aviation Compliance Statement; or</p> <p>1.1.1.2. “low” sensitivity, no further assessment requirements are identified.</p> <p>1.1.2. on a site where the information gathered from the site sensitivity verification differs from the designation of “very high”, “high” or “medium” sensitivity on the screening tool and it is found to be of a “low” sensitivity, no further assessment requirements are identified;</p> <p>1.1.3. Similarly, on a site where the information gathered from the initial site sensitivity verification differs from the designation of “low” sensitivity on the screening tool and it is found to be of a “very high”, “high” or “medium” sensitivity, a Civil Aviation Compliance Statement must be submitted; and</p> <p>1.1.4. If any part of the proposed development footprint falls within an area of “very high”, “high” or “medium” sensitivity, the assessment and reporting requirements prescribed for the “very high”, “high” and “medium” sensitivity apply to the entire footprint. In the context of this protocol, development footprint means the area on which the proposed development will take place and includes any area that will be disturbed.</p> | N/A              |
| <p>2. Civil Aviation Compliance Statement</p> <p>2.1. The compliance statement must be prepared by an environmental assessment practitioner or a specialist with expertise in radar.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Document details |
| <p>2.2. The compliance statement must:</p> <p>2.2.1. be applicable to the preferred site and the proposed development footprint;</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Section 2        |
| 2.2.2. confirm the sensitivity rating for the site; and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| 2.2.3. indicate whether or not the proposed development will have an unacceptable impact on civil aviation installations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
| 2.3. The compliance statement must contain, as a minimum, the following information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |
| 2.3.1. contact details of the environmental assessment practitioner or the specialist, their relevant qualifications and expertise in preparing the statement, and a curriculum vitae;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |
| 2.3.2. a signed statement of independence by the environmental assessment practitioner or specialist;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |
| 2.3.3. a map showing the proposed development footprint (including supporting infrastructure) overlaid on the civil aviation sensitivity map generated by the screening tool;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |
| 2.3.4. a comment, in writing, from the South African Civil Aviation Authority (SACAA), which may include inputs from the Obstacle Evaluation Committee (OEC), if appropriate, confirming no unacceptable impact on civil aviation installations; and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |
| 2.3.5. Should the comment from the SACAA indicate the need for further assessment, a copy of the assessment report and mitigation measures is to be attached to the compliance statement and incorporated into the Basic Assessment Report or Environmental Impact Assessment Report with mitigation and monitoring measures identified and included in the EMPr. The assessment must be in accordance with the requirements stipulated by the SACAA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Not applicable   |
| 2.4. A signed copy of the compliance statement must be appended to the Basic Assessment Report or Environmental Impact Assessment Report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |

# 1 INTRODUCTION AND PROJECT DESCRIPTION

In accordance with Regulation 12 of the 2014 EIA Regulations (GNR 326), Rambuda Consultants (Pty) Ltd has been appointed by Imbawula Civil Projects (Pty) Ltd (On behalf of Walter Sisulu Local Municipality), as an independent environmental practitioner to facilitate the Scoping & Environmental Impact Assessment (S&EIA) process required in terms of the National Environmental Management Act, 1998 (NEMA, Act 107 of 1998 as amended) and National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) for the proposed landfill site which is located on the remaining extent of portion 1 of the farm Melk Spruit No. 12, Walter Sisulu Local Municipality of Joe Qgabi District Municipality, Eastern Cape Province.

## 1.1 Project Location

The proposed landfill site is located on the remaining extent of portion 1 of the farm Melk Spruit No. 12, Walter Sisulu Local Municipality. The central coordinates of the preferred site are situated at the following coordinates: 30°41'27.97" S 26°39'46.43" E. Refer to the locality map below.

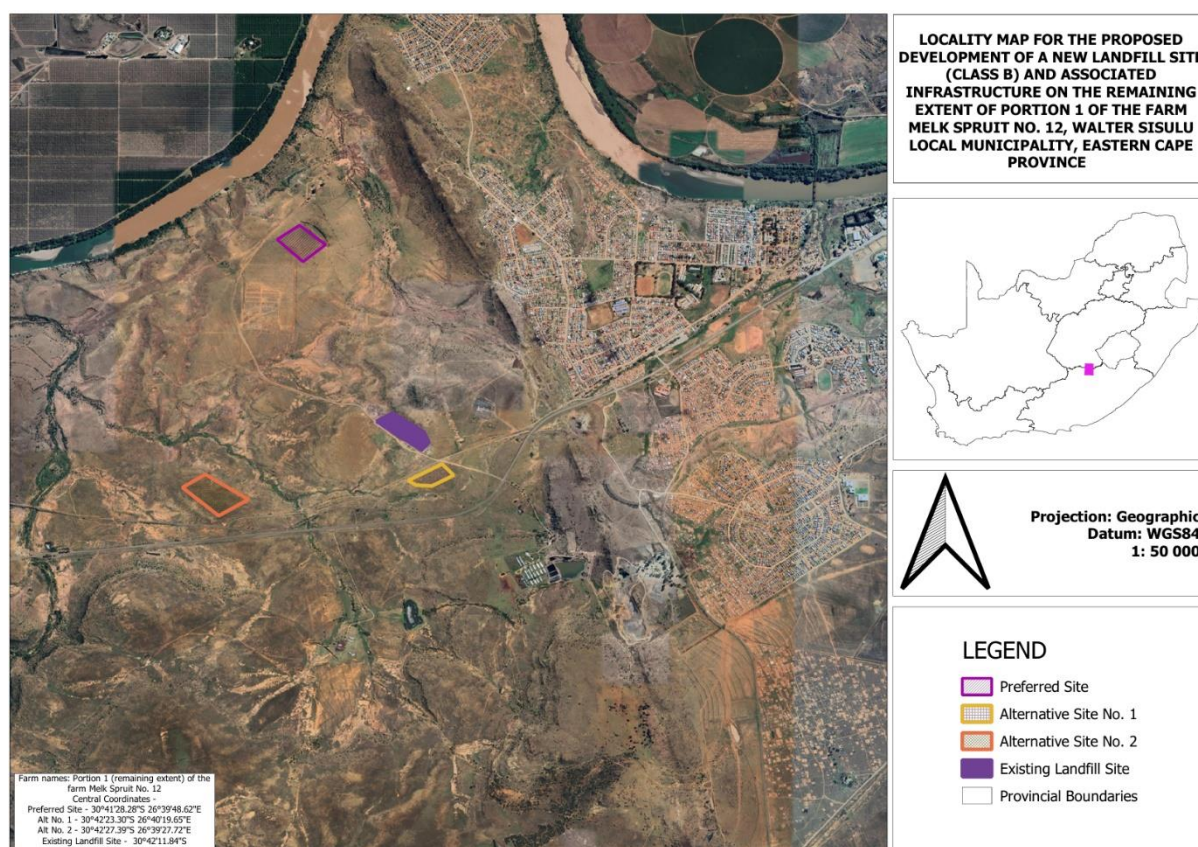


**Figure 1: Locality Map of the Project**

**Table 2: Property Information**

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| <b>Farm names:</b>           | The remaining extent of Portion 1 of the farm Melk Spruit No. 12. |
| <b>Central coordinates</b>   | 30°41'27.97" S 26°39'46.43" E                                     |
| <b>Application area (ha)</b> | Approximately 06 Ha                                               |
| <b>Property Size (ha)</b>    | 681.76 Ha                                                         |
| <b>Magisterial District:</b> | Joe Qgabi District Municipality                                   |
| <b>Local Municipality:</b>   | Walter Sisulu Local Municipality                                  |



### 1.3 Project Need and Desirability

The nature of the proposed development can be summarised as follows:

- **Legislative and Regulatory Need**
  - Compliance with **NEM: Waste Act (Act 59 of 2008)** (e.g., Section 20: duty to close and remediate old landfill).
  - Alignment with the **National Environmental Management Act (NEMA)** principles.
  - Meeting **municipal obligations** for waste disposal and service delivery.
  - The proposed development of a landfill site is necessary to address poor landfill practices at the now closed Maizefield Landfill site (JG/A/14/001/2022), the closure licence gave the municipality a five (5) year period to ensure that the old landfill site is closed. The closure of the old landfill site has created a need to develop a new landfill site to cater for the Maletswai Town and associated settlements. While the municipality has two (2) licensed landfill sites at James Calata and Steynsburg towns, these are far from the Maletswai Area, thus resulting in higher haulage-related impacts (economic and environmental impacts). The project aims to:
    - ✓ To replace the old Maizefield Landfill Site, which is in the process of closure.
    - ✓ Provide facilities for improved waste management practices, such as proper water quality monitoring, landfill development with all required mitigation measures for pollution control and management.
    - ✓ Provide a facility for sorting and recycling of waste, thus reducing the amount of waste being disposed of in the landfill site.
    - ✓ Provide for the required alternative disposal site for general waste.
- **Current Waste Management Challenges**
  - Closure of the Maizefield Landfill and resulting service gaps.
  - Limited capacity of existing landfills (James Calata, Steynsburg) and distance-related issues.
  - Inefficiencies or environmental risks of current waste disposal practices (e.g., illegal dumping, leachate, pollution).
  - Social impacts of inadequate waste services (health risks, aesthetic issues).
- **Population and Waste Generation Needs**
  - Projected population growth and urban expansion in Maletswai and surrounding settlements.
  - Current and projected waste volumes and composition (municipal solid waste, recyclables).
  - Trends in waste generation and the municipality's capacity to handle it.
- **4. Socio-Economic Justification (Desirability)**
  - Job creation during construction and operation.
  - Local economic development opportunities (e.g., recycling enterprises, waste sorting facilities).
  - Service delivery improvements and contribution to community well-being.
  - Cost-effectiveness of a local landfill versus transporting waste to distant sites.
- **Site-Specific Justification**

- Suitability of the proposed location (distance from sensitive areas, accessibility, geology, hydrology).
- Reduced haulage and related environmental impacts.
- Integration with existing infrastructure (roads, water, monitoring systems).

The Project is therefore both necessary to meet current and future infrastructure demands and desirable for promoting safe, sustainable, and efficient waste management practices within the region, while supporting local economic activity and community well-being.

## 1.4 Policy Directive

This Compliance Statement has been compiled in accordance with protocol for the specialist assessment and minimum report content requirements for environmental impacts on civil aviation installations (GN No. 320, GG 43110, 20 March 2020). Table 1 shows where the requirements are met within this document.

### i Screening Tool Report: Theme Civil Aviation

The Screening Tool Report (dated 01/09/2025) indicates that the proposed site has a High Sensitivity as the proposed site is located within 8 km of another civil aviation aerodrome.

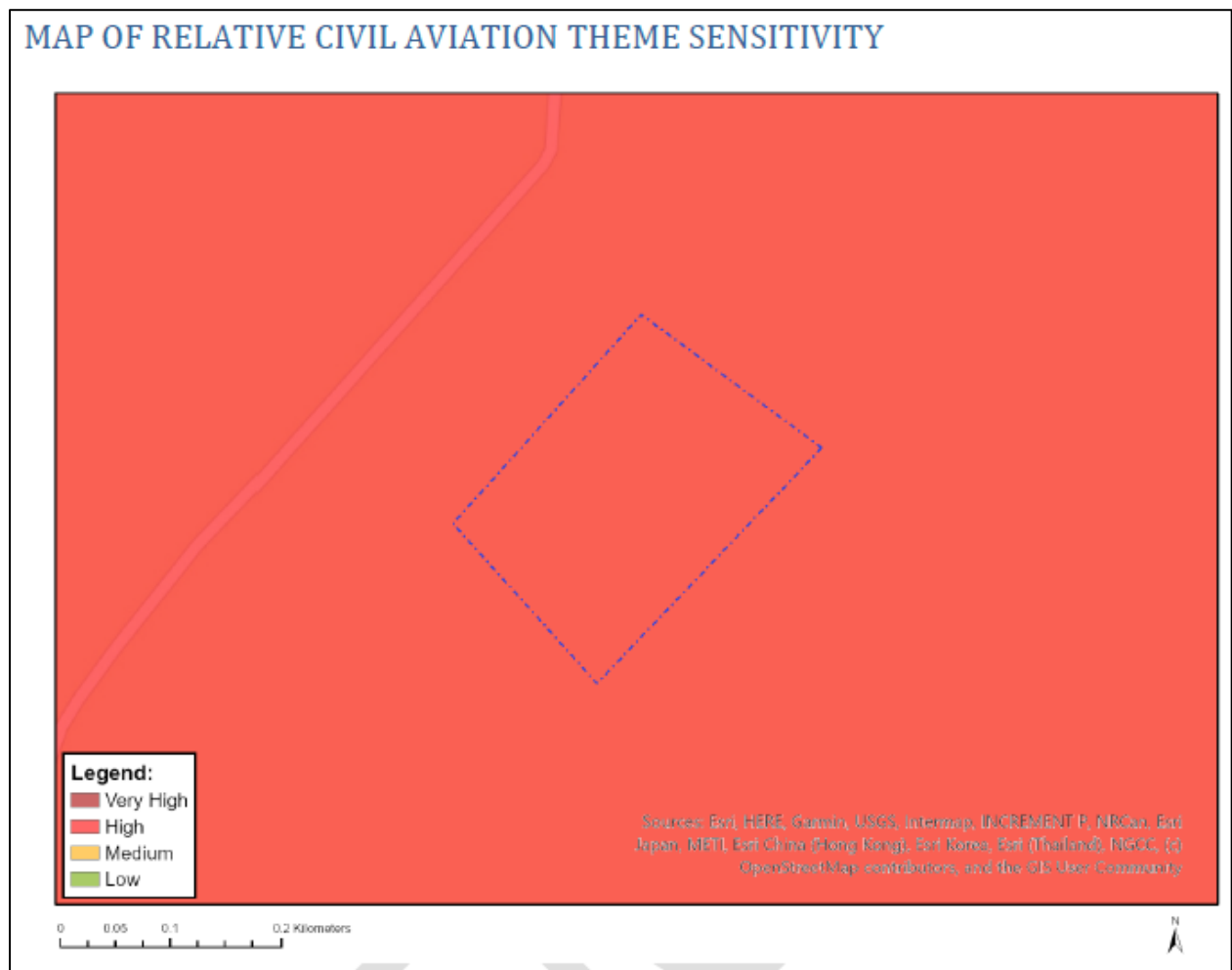


Figure 3: Map of relative civil aviation

## 2 COMPLIANCE STATEMENT

### 2.1 Aeronautical Information Management

The RSA DATA KMZ file is an initiative undertaken by ATNS (Air Traffic and Navigation Services) to illustrate the definitions and complexities of airspace, routes, aerodromes and navigational facilities within South Africa to the public in the interest of safety. It allows the user to visualise airspace in 3D. The RSA DATA KMZ, dated 06 August 2028, was utilised to generate Figure 4 below. As seen from Figure 4, the proposed site is shown by the red dot, and the yellow circle shows an 8km radius around the site. As confirmed by the map, FAAN Aliwal North (41) aerodrome is in fact located within the 8km radius of the site. The site is located within FACA ACC East (Cape Town Area East: FL145 - FL460) route.

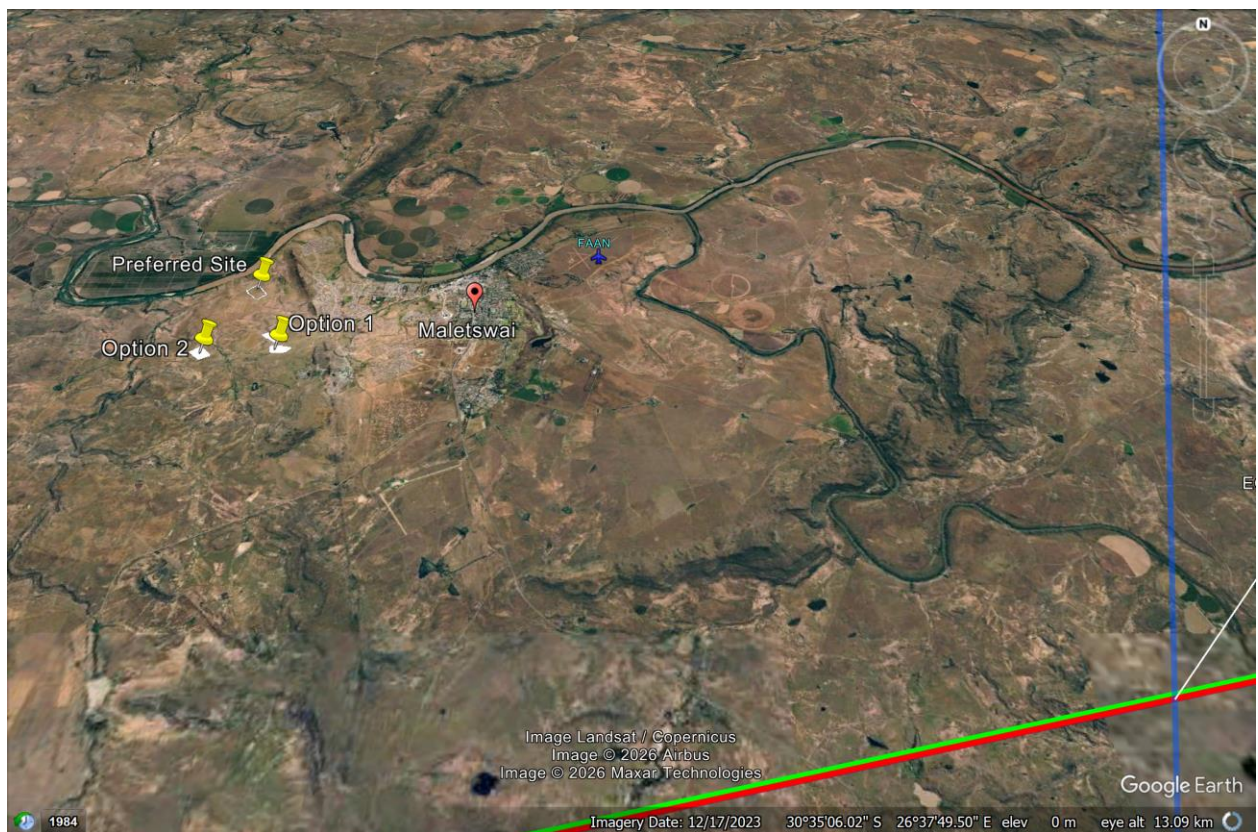


Figure 4: RSA DATA KMZ, dated 06 August 2026

As seen from Figure 5, the FAAN Aliwal North (41) aerodrome is located approximately 6km southwest of the proposed site

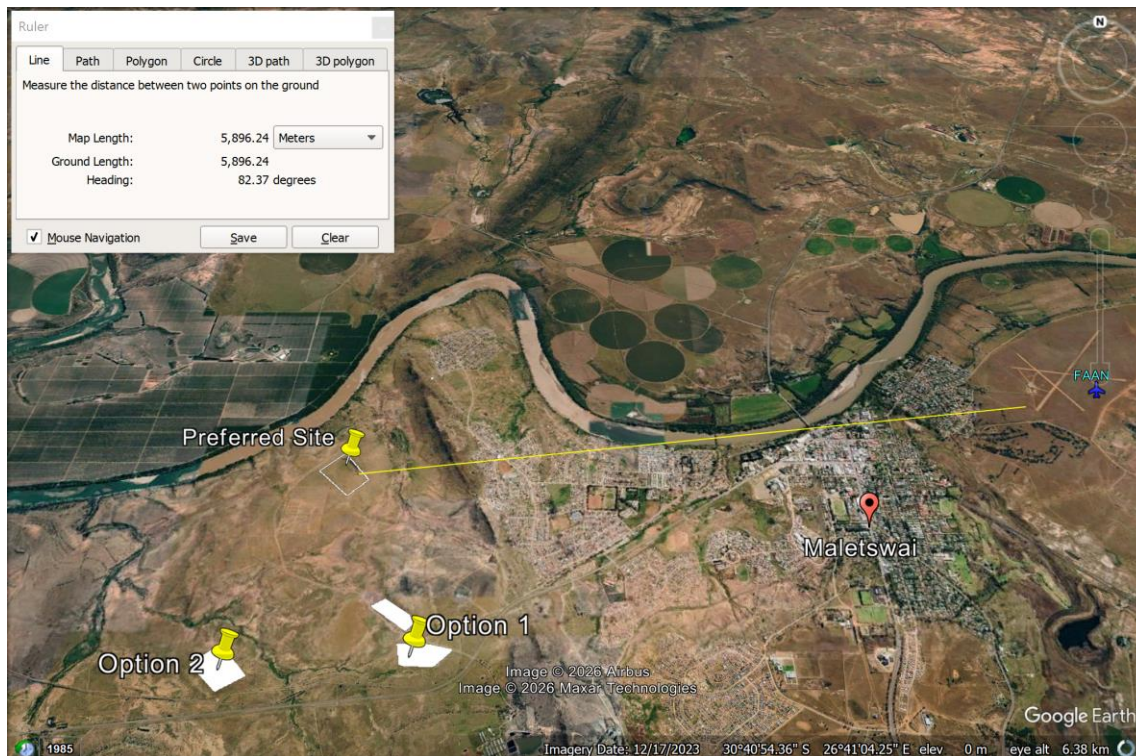


Figure 5: Aerodrome proximity to the proposed site

## 2.2 FAAN Aliwal North (41) Aerodrome

FAAN - Aliwal North (41) Aerodrome is located at the following geographic coordinates: 30°40'52.80"S 26°43'49.34" E, on the eastern side of the Maletswai Town. As indicated above, the aerodrome is located approximately 6km from the proposed sites, at approximately 1344 m above sea level, with a mountain area of approximately 1404 m above sea level between them. According to the below registration records, the site is operated/managed by the municipality. Refer below for the summary of the Aerodrome as per the Civil Aviation Authority.

Aerodrome directory

FAAN AD 2.1 - 1

**AD 2 AERODROMES**

**FAAN AD 2.1 Aerodrome Location Indicator And Name**

**FAAN - ALIWAL NORTH (41)**

**FAAN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

|                                                            |                                                                                                                                                                        |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ARP Coordinates and site at AD                             | Ref. Point: S304100 E0264400                                                                                                                                           |
| Direction and distance from city                           | 1 NM ENE                                                                                                                                                               |
| Elevation / Reference temperature                          | Elev: 4410 FT                                                                                                                                                          |
| MAG VAR / Annual change                                    |                                                                                                                                                                        |
| AD Administration, address, telephone, telefax, telex, AFS | Authority Supervising the Aerodrome and Remarks:<br>PUB AD CHF: MUNICIPALITY,<br>Private Bag X1011,<br>ALIWAL NORTH, 5530<br>TEL: (051) 633 2441<br>Fax: (051) 6341307 |

**FAAN AD 2.3 OPERATIONAL HOURS**

|                     |                          |
|---------------------|--------------------------|
| 1 AD Administration | AD Operational hours: HJ |
|---------------------|--------------------------|

**FAAN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY<br>NR | TRUE &<br>MAG BRG | Dimensions of<br>RWY (M) | Strength<br>(PCN) and<br>surface of<br>RWY and<br>SWY | THR<br>coordinates | THR elevation<br>and highest<br>elevation of<br>TDZ of<br>precision APP<br>RWY |
|---------------------------|-------------------|--------------------------|-------------------------------------------------------|--------------------|--------------------------------------------------------------------------------|
| 1                         | 2                 | 3                        | 4                                                     | 5                  | 6                                                                              |
| 06                        |                   | 1494 x 30                |                                                       |                    |                                                                                |
| 24                        |                   |                          |                                                       |                    |                                                                                |
| 12                        |                   | 1012 x 30                | GS                                                    |                    |                                                                                |
| 30                        |                   |                          | LCN 16                                                |                    |                                                                                |
| 18                        |                   | 850 x 30                 |                                                       |                    |                                                                                |
| 36                        |                   |                          |                                                       |                    |                                                                                |

Figure 6: Details of the FAAN – Aliwal North (41) Aerodrome (Source: Civil Aviation Authority).

## **2.3 Impact on Civil Aviation**

SACCAA have been provided with the draft EIA Report for commenting purposes. Their comments will be included in the final EIA Report.

## **2.4 Site sensitivity**

Taking into consideration that the proposed site is located approximately 6km from the runway and that there are no visible signs of radar installations at the runway, the sensitivity rating of high generated by the Screening Tool report is refuted and the sensitivity of the proposed site, for the proposed activity in terms of potential Civil Aviation Impacts should in fact be Low and no further Civil Aviation Impacts need to be investigated further. The following were considered in defining the site sensitivity:

- The closest aerodrome is FAAN on the eastern side of Maletswai; the proposed site has no impact or influence on it.
- The waste cells' height is kept within 10 m and, considering that the proposed sites are located at an average of 1323 above sea level, which is lower than the surrounding mountain's average of 1390 m above sea level. Thus, minimising the risk of any interference with low-flying aircraft or aviation operations in the vicinity.
- In terms of the Local Airspace Classification, the proposed site is situated outside of controlled airspace typically used for commercial or military aviation. Therefore, the project does not interfere with regulated air traffic patterns.
- Runway Proximity: The proposed development is not located near major airports or airstrips, reducing the likelihood of any conflict with take-off, landing, or flight paths.
- Lighting: The development will adhere to minimal lighting specifications to prevent interference with nocturnal navigation for aircraft. No high-intensity lights will be installed that could be mistaken for navigational aids.
- Building materials and windows are selected to avoid excessive reflection or glare that could impact visibility for passing aircraft.

### **3 CONCLUSION**

The proposed sites are located on the remaining extent of Portion 1 of the farm Melk Spruit No. 12, Maletswai. thus, the proposed development is not expected to have any impacts on Civil Aviation; therefore, no further Civil Aviation Impact Assessments are recommended.

#### 4 STATEMENT OF INDEPENDENCE

I, KABEDI MASHILO OF RAMBUDA CONSULTANTS name of company) declare that;

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in Regulation 18 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by me for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- **I will keep a register of all interested and affected parties that participated in a public participation process; and**
- **I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not**
- **all the particulars furnished by me in this form are true and correct;**
- ***will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and***
- **I realise that a false declaration is an offence in terms of Regulation 48 and is punishable in terms of section 49B (2) of the Act.**



SIGNATURE OF EAP

26/08/2026

DATE