

SITE SENSITIVITY VERIFICATION REPORT FOR THE GASFIT SITE LOCATED ON ERF  
5875 AND 5876, WORCESTER INDUSTRIAL ZONE, WESTERN CAPE

## Introduction

A site visit was carried out to determine whether the sensitivities identified in the Screening Tool Report was accurate/correct in relation to the physical and ecological characteristics of the site. The following Protocols were identified in the Screening Tool Report:

1. Agriculture
2. Terrestrial Biodiversity
3. Aquatic Biodiversity
4. Noise Impacts

## Discussion of each Protocol:

### 1. Agriculture:

The proposed development site is located within an industrial area and surrounded by other businesses. The site is zoned as General Industrial and not for Agriculture. Furthermore, the development site is completely transformed and developed. The development proposal is not associated with the development of renewable energy and is less than 5ha in extent. The site verification results therefore differ significantly from the Screening Tool Report, as the development will have no agricultural impacts, as the site is located in an industrial area, set out for further development. Please see Image 1 and 2 below, indicating the development site and surrounding land use:

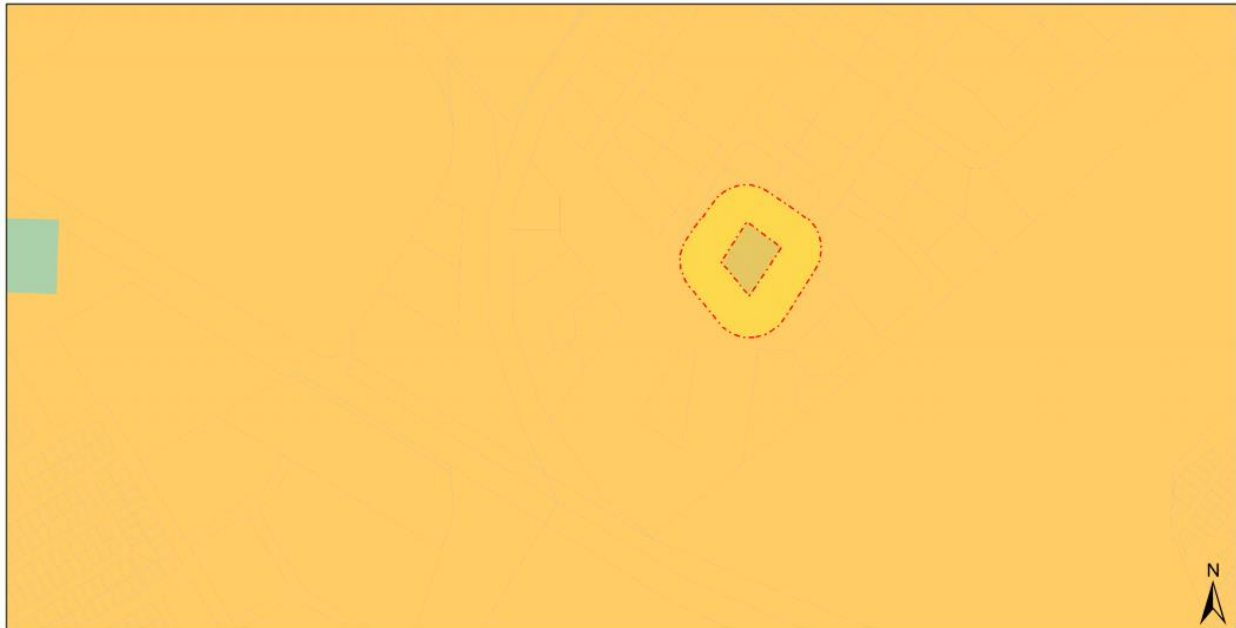


**Photo 1: Eastern side of development site, which was recently sold and will be developed. Photo 2: Northern side of the development site, located in Worcester Industrial Area.**

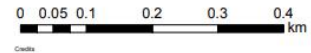
## Compliance Statement:

Please see the CV of the EAP attached as **Appendix M** to the BAR, as well as the declaration form signed on page 83 of the BAR.

50m Buffer around the proposed development site:



10 July 2020



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**Image 3: 50m Buffer around the proposed development site, with agricultural sensitivity theme (Source: National Screening Tool).**

The total development footprint is 3118m<sup>2</sup>, the total site area is 4276m<sup>2</sup>, the site is therefore within the land capacity evaluation value of 1-5ha. As the development site is located within an industrial area, the site will not contribute to fragmentation and disturbance of agricultural activities. The development will therefore have no impact on agricultural activities, due to the surrounding land use, the site being zoned as general industrial and the location of the site.

## 2. Terrestrial Biodiversity:

During the on-site inspection, it was confirmed that the onsite results differ significantly from the results generated in the Screening Tool Report. The site is located within an Industrial area and envisioned by the local municipality for expiation. The site consists of hard paved surfaces, the area adjacent to the site is used for sand stockpiling, as another development will be carried out adjacent to the site.

### Compliance Statement:

The site is completely transformed and located within an industrial area, surrounded by other businesses, the land is therefore completely transformed and offers little to no conservation value/ecological functioning. The impact on terrestrial biodiversity by the proposed development is therefore expected to be low. The site is already active and operational, therefore the installation of a 70m<sup>3</sup> LPG storage tank on site will have little to no impact on the biodiversity on site, as the site does not contain any animal or plant species.

### Contact Details and CV of EAP:

Please see Appendix M of the Basic Assessment Report, and page 83 of the BAR, which contains the Declaration form.

### Baseline Description of Biodiversity:

The site contains no ecosystems of biodiversity, as the site is completely transformed and contains only hard paved surfaces, the site characteristics, with regards to ecosystems and ecological importance will therefore remain the same regardless of the season. The site visit was however carried out during winter on the 09 of July 2020.

Several web based mapping resources were used to identify sensitive areas on the site, the site only contained a few small patches listed as ESA, however, during the site visit it was confirmed that no natural areas/areas of ecological importance exist on site. A site visit of 4 hours was carried out, during which no terrestrial biodiversity was noted on site. Please see Photos 3 and 4 below of the site:



### Assumptions and Uncertainties:

- It is assumed that the environmental conditions on the site remains the same.
- It is assumed that the ecological functioning and terrestrial biodiversity noted on site remains the same throughout the year/ seasons.

### 3. Aquatic Biodiversity:

Please see the Freshwater Impact Statement attached to the BAR as **Appendix G2**.

### 4. Noise Compliance Statement:

The site is located within an industrial area, which is associated with noise impacts. The development proposal entails the storing and filling of LPG on site, this activity is not associated with high noise levels, as all the filling are carried out through sealed piping.

Minimal noise impacts are therefore expected as a result of the proposed development, furthermore, no sensitive receptors are located adjacent to the site, as the site is located within an industrial area and by businesses that generate greater amounts of noise. The site verification and assessment were carried out by the EAP that compiled the BAR. The EAPs CV is attached as **Appendix M** of the BAR, and the declaration form signed on Page 83 of the BAR. Additional recommendations were made in the BAR. Noise impacts are only associated with the construction phase, and

not with the operational phase. Mitigation measures to reduce noise impact during the construction phase are included in the EMP (**Appendix H**).

This report was compiled by Chantel Muller.



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