McCain Foods (Pty) Ltd

SITE SENSITIVITY VERIFICATION REPORT

MCCAIN DELMAS PROPOSED WASTEWATER TREATMENT PLANT AND EXPANSION OF DIESEL STORAGE PROJECT

41107366-REP-00005
OCTOBER 2026

PUBLIC

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PROJECT NO. 41107366

OUR REF. NO. 41107366-REP-00005

DATE: OCTOBER 2026

WSP

Building 1, Maxwell Office Park
Magwa Crescent West, Waterfall City
Midrand, 1685
South Africa

Phone: +27 11 361 1300

WSP.com

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Checked by	Olivia Allen	Olivia Allen
Signature	-	Digitally signed by Allen, Olivia (ZAOA05122) Date: 01/October/2026
Authorised by	Olivia Allen	Olivia Allen
Signature	-	Digitally signed by Allen, Olivia (ZAOA05122) Date: 01/October/2026
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SCREENING TOOL REPORT

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LIST OF ACRONYMS

Acronym	Term
BA	Basic Assessment
CA	Competent Authority
COD	Chemical Oxygen Demand
DFFE	Department of Forestry, Fisheries and the Environment
EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner
EIA	Environmental Impact Assessment
MDARDLEA	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs
NEMA	National Environmental Management Act (No. 107 of 1998)
SSVR	Site Sensitivity Verification Report
WWTP	Waste Water Treatment Plant

1 INTRODUCTION

1.1 BACKGROUND

McCain Foods (Pty) Ltd (McCain) proposes to construct a wastewater treatment plant (WWTP) and expand diesel storage at their Delmas Plant, located within the Victor Khanye Local Municipality in the Mpumalanga Province in South Africa (hereafter referred to as the "proposed projects").

The proposed activities require an application for environmental authorisation (EA) in terms of the National Environmental Management Act (Act 107 of 1998) (as amended) (NEMA), supported by a Basic Assessment (BA) process in terms of the Environmental Impact Assessment (EIA) Regulations (2014, as amended). The competent authority (CA) for the EA application is the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA).

WSP Group Africa (Pty) Ltd (WSP) has been appointed by McCain to undertake the required BA process.

This Site Sensitivity Verification Report (SSVR) forms part of the BA process.

1.2 PURPOSE OF THIS REPORT

This report addresses the findings of the screening tool assessment that was conducted in terms of the Department of Forestry, Fisheries and Environment's (DFFE's) National Web-based Environmental Screening Tool for the proposed projects, confirmation of the site sensitivities associated with the proposed development footprints and provides a motivation for the proposed specialist studies identified to be conducted.

1.3 REGULATORY FRAMEWORK

The DFFE has developed the National Web-based Environmental Screening Tool to flag areas of potential environmental sensitivity related to a site as well as a development footprint and produces the Screening Report required in terms of Regulation 16 (1)(v) of the EIA Regulations (2014, as amended). The Notice (GN 960 of July 2019) of the requirement to submit a report generated by the National Web-based Environmental Screening Tool in terms of Section 24(5)(h) of the NEMA and Regulation 16(1)(b)(v) of the EIA regulations (2014, as amended) states that, as of 04 October 2019, the submission of a report generated from the National Web-based Environmental Screening Tool is compulsory when submitting an application for EA in terms of Regulations 19 and 21 of the EIA Regulations (2014, as amended).

The Screening Report generated by the National Web-based Environmental Screening Tool contains a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development footprint as well as the most environmentally sensitive features on the footprint based on the footprint sensitivity screening results for the application classification that was selected.

The Screening Report also lists specialist assessments that should form part of an EA application process based on the development type and the environmental sensitivity of the site. The Screening Report recognises that "*it is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the footprint situation*."

Specialist studies conducted to meet the requirements of the Screening Report must comply with the Procedures for the Assessment and Minimum Criteria for Reporting on Identified Environmental Themes in terms of Section 24(5) (a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for EA ("the Protocols") (Government Notice No. 320 as published in Government Gazette No. 43110 on 20 March 2020 – GN R.320). Such Procedures / Protocols have been developed for the following specialist themes:

- Agriculture – if sensitivity is deemed (by the Screening Tool) to be very high or high, a full assessment must be done; if deemed to be low or medium, a compliance statement will suffice. Note, a signed copy of the compliance statement must be appended to the BA or EIA Report.
- Avifauna – relevant onshore wind facility only.
- Biodiversity (terrestrial and aquatic) - if sensitivity is deemed (by the Screening Tool) to be very high or high, a full assessment must be done; if deemed to be low or medium, a compliance statement will suffice.
- Noise - if sensitivity is deemed (by the Screening Tool) to be very high or high, a full assessment must be done; if deemed to be low or medium, a compliance statement will suffice.
- Defence - if sensitivity is deemed (by the Screening Tool) to be very high, high or medium, a compliance statement must be done; if deemed to be low no further assessment is required.
- Civil aviation - if sensitivity is deemed (by the Screening Tool) to be very high, high or medium, a compliance statement must be done; if deemed to be low no further assessment is required.

Specialist studies for all other themes must comply with Appendix 6 of the EIA Regulations (2014, as amended).

1.4 METHODOLOGY

A Screening Report for the proposed development was generated and is attached as Appendix B. Site visits were undertaken by the environmental assessment practitioner (EAP) on 25 October 2024 and by the relevant specialists during March to June 2025.

In line with GN R. 320, the site sensitivity verification requirements have been achieved as per Table 1-1 below.

Table 1-1 - Sensitivities identified in the DFFE Screening Report

Requirement	Reference
1.1. The site sensitivity verification must be undertaken by an environmental assessment practitioner or a specialist.	This Site Sensitivity Verification was compiled by Olivia Allen, a registered EAP, utilising the inputs of the specialists appointed on the project. Details of the EAP are provided in Table 1-2. The CV of the EAP and the EAP declaration of interest and undertaking is included in Appendix A. Furthermore, various specialists, as referenced in the report, undertook site verifications and their details are provided in Table 2-4.
1.2. The site sensitivity verification must be undertaken using: (a) a desk top analysis, using satellite imagery; (b) a preliminary on-site inspection; and	The Site Sensitivity Verification was undertaken using the following: ■ Available satellite imagery; ■ Various desktop information sources;

Requirement	Reference
(c) any other available and relevant information.	▪ Site inspections by the EAP and appointed specialists; and ▪ Additional supporting information supplied by McCain, e.g. environmental monitoring data.
1.3. The outcome of the site sensitivity verification must be recorded in the form of a report that— (a) confirms or disputes the current use of the land and the environmental sensitivity as identified by the screening tool, such as new developments or infrastructure, the change in vegetation cover or status etc.;	A summary of the environmental sensitivities identified by the DFFE Screening Tool is provided in Table 2-4. Motivation for the confirmed sensitivity or refuting the DFFE sensitivity rating is provided in Section 2.4.
(b) contains a motivation and evidence (e.g. photographs) of either the verified or different use of the land and environmental sensitivity; and	Motivation for the confirmed sensitivity rating is provided in Section 2.4. Further photographic is provided in Section 2.2.10.
(c) is submitted together with the relevant assessment report prepared in accordance with the requirements of the Environmental Impact Assessment Regulations1 (EIA Regulations).	This SSVR is being submitted as Appendix C to the BAR.

1.5 DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

WSP was appointed in the role of Independent Environmental Assessment Practitioner (EAP) to undertake the BA process for the proposed projects. The Curriculum Vitae (CV) of the EAP and the EAP declaration of interest and undertaking are included in Appendix A.

Table 1-2 provides a summary of the details of the EAP.

Table 1-2 – Details of the EAP

EAP	WSP Group Africa (Pty) Ltd
Contact Person:	Olivia Allen
Physical Address:	Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City Midrand
Telephone:	+27 11 361 1300
Email:	Olivia.Allen@wsp.com

EAP	WSP Group Africa (Pty) Ltd
EAP Qualifications:	▪ B.Sc. Zoology and Geography ▪ B.Sc. (Hons, Geography and Environmental Management), University of Free State, South Africa ▪ M.Sc. (Water Resource Management), University of Pretoria, South Africa
EAPASA Registration Number:	EAPASA (2020/1725)

1.5.1 STATEMENT OF INDEPENDENCE

Neither WSP nor any of the authors of this report have any material present or contingent interest in the outcome of this report, nor do they have any business, financial, personal or other interest that could be reasonably regarded as being capable of affecting their independence. WSP has no beneficial interest in the outcome of the assessment.

1.6 DETAILS OF THE SPECIALISTS

Specialist inputs were required in support of this SSVR. The specialist details are provided in Table 2-4 and the declarations are attached to the specialist reports.

1.7 PROJECT AND SITE OVERVIEW

The proposed developments are located within the McCain Delmas plant site within the jurisdiction of Victor Khanye Local Municipality in the Mpumalanga Province, South Africa. The localities of the proposed facilities are illustrated in Figure 1-1.

The McCain Delmas plant produces frozen chips for the retail market and has been in operation since 2000.

The proposed projects will comprise of the below-mentioned components.

1.7.1 THE PROPOSED WASTEWATER TREATMENT PLANT

The proposed wastewater treatment plant is to treat effluent that is generated from the manufacturing process. The plant will have a maximum daily treatment volume flowrate of 3 400 m^3/day and will be in the northwestern corner of the site, on McCain-owned property. The effluent will be treated to meet the quality requirements that would be suitable for direct discharge to the environment, or for plant use (potable water quality). Waste activated sludge from the treatment plant will be temporarily stored in hoppers on site and ultimately disposed offsite.

The plant will include an anaerobic digestion process that will cater for chemical oxygen demand (COD) containing wastes on-site, such as fryer waste, slivers, and other materials that are collected in the main wastewater screen and oily water screen. The anaerobic digester will convert the COD into biogas, which can be used to either generate power or displace natural gas in the processing plant's boilers. The digester feed flow will be approximately 385 m^3/day, with a total digestion volume of 9 074 m^3.

The development area for the facility will be approximately 9 000 m^2 and will include the following key infrastructure components:

- Existing Clarifier;
- Equalisation Tank;
- UASB Feedtank and Pumps;
- UASB Sludge;
- Activated Sludge;
- Waste Water Process Building;
- MBR tank;
- Biogas Digester;
- Biogas and Power Building; and
- Flare.

The proposed WWTP will be in the northeastern corner of the existing McCain plant's footprint.

1.7.2 PROPOSED DIESEL TANK

McCain Delmas cumulatively stores 43.782 m^3 of diesel in various tanks on site. McCain proposes to install an additional 79 m^3 diesel storage tank next to a current 30 m^3 diesel tank. The proposed diesel storage tank will be a self-bunded (double wall) containerised tank, with the same design as the current 30 m^3 diesel storage tank.

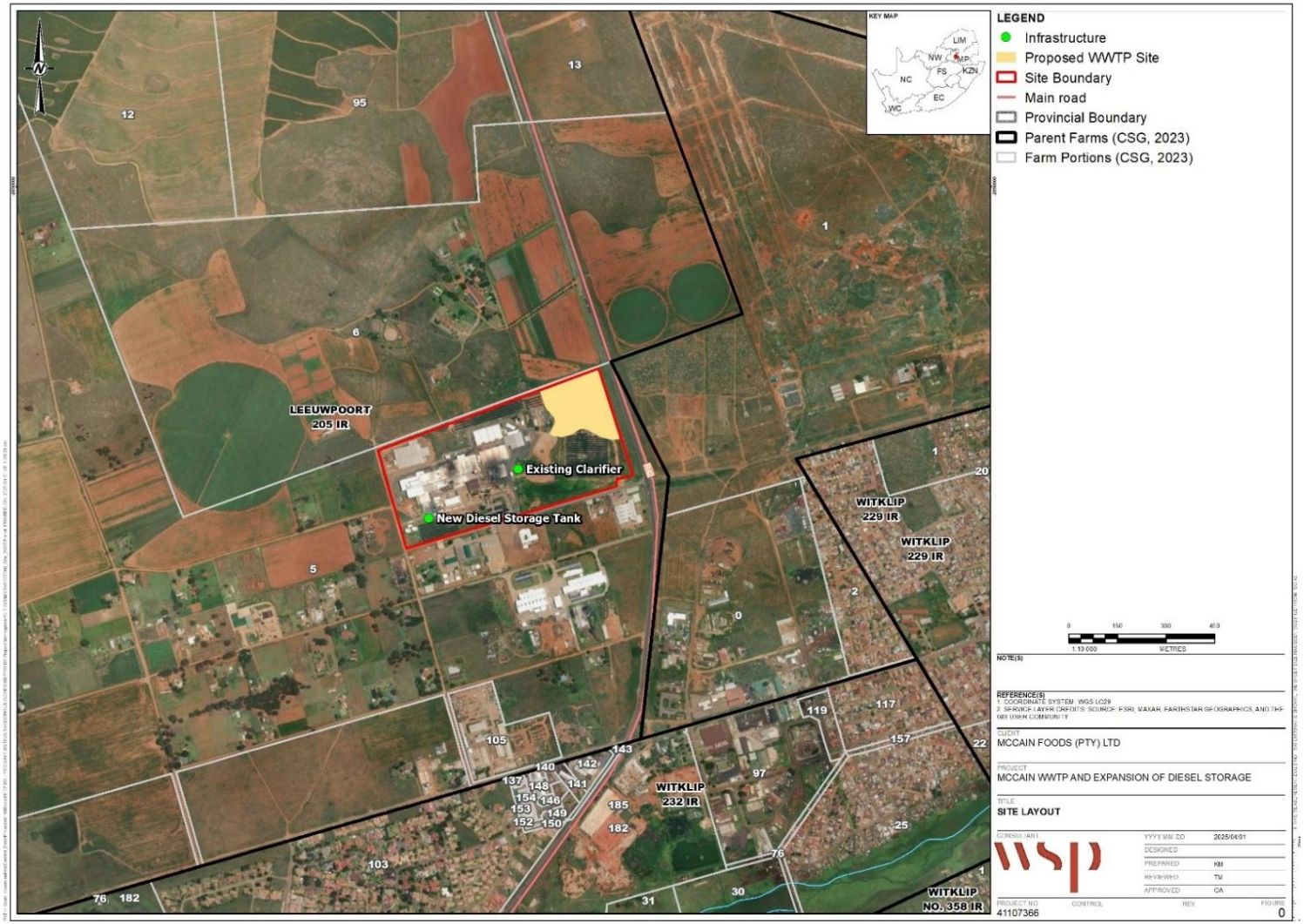

Figure 1-1 - Localities of the proposed McCain WWTP and diesel expansion areas

2 DFFE SCREENING TOOL ASSESSMENT

The DFFE Screening Tool is designed to classify the potential environmental sensitivity of a site and provides a list of specialist studies that may be necessary to inform the environmental assessment process. Using this tool, the EAP generated a Screening Report to inform the scope of the assessment (see Appendix B), the results of which are summarised below, as well as the findings of the site sensitivity verification undertaken by the EAP and appointed specialists.

2.1 SCREENING TOOL ASSESSMENT RESULTS

The Screening Tool identified the following themes as having very high sensitivity:

- Agriculture;
- Palaeontology; and
- Terrestrial biodiversity.

The Screening Tool identified the following themes as having medium sensitivity:

- Animal Species; and
- Plant Species.

The Screening Tool identified the following themes as having low sensitivity:

- Aquatic Biodiversity;
- Archaeological and Cultural Heritage;
- Defence; and
- Civil Aviation.

The Screening Tool identified the following specialist assessments as required:

- Agricultural Impact Assessment;
- Aquatic Biodiversity Impact Assessment;
- Ambient Air Quality Impact Assessment;
- Animal Species Assessment;
- Archaeological and Cultural Heritage Impact Assessment;
- Health Impact Assessment;
- Hydrology Assessment;
- Noise Impact Assessment;
- Palaeontology Impact Assessment;
- Plant Species Assessment;
- Socio-Economic Assessment;
- Terrestrial Biodiversity Impact Assessment; and
- Traffic Impact Assessment.

2.2 SITE SENSITIVITIES AND VERIFICATION

2.2.1 AGRICULTURE THEME

The screening tool assessment results indicate that the proposed project sites are located on land that has High sensitivity for the agricultural theme as shown in Figure 2-1 (DFFE, 2022).

Figure 2-1 – Map for Agricultural Sensitivity for project sites ***(Source: DFFE Screening Report)***

During the site visit undertaken by the soil specialist on 20 March 2025, (Soil Advisory Services, 20 March 2025), it was noted that the majority of the proposed WWTP footprint is largely covered by fill material, presumably mostly soil and rock material originating from the previous construction activities at the McCain Delmas operation. A portion of the study area closer to the eastern boundary is not covered with fill material.

Two soil observation points were inspected at this area. The soil forms along the eastern boundary of the study area are mainly of the Hutton soil form, which are characterised by reddish brown, friable, sandy loam topsoil, gradually transitioning into the friable, medium sandy loam apedal B horizon. The soil features and overall site conditions and listed per observation point in Table 2-1 below.

Table 2-1 – Soil and Land Use survey observations

Observation point	Soil form	High-level soil description	Land use
MD-AH1, MD-AH2 & MD-AH4	Witbank 1100	Reddish brown soil mixed with stones and rocks of varying sizes	Stockpile of soil and rock (fill material) / part of McCain Delmas property
MD-AH3 & MD-AH5	Hutton 1100	Reddish brown, friable, sandy loam orthic A horizon, overlying red, friable, sandy loam apedal B horizon	Open land / part of McCain Delmas property

The national land capability map indicates that the capability of the land for the proposed project is moderate to high. Having conducted the soil survey of the study area, the following have been observed:

- More than half of the study area is currently covered with fill material and thus cannot be used for dryland cropping.
- The remaining portion of the study area is approximately 1.5 ha. Inherently, the Hutton soils found in the study area have a high land capability (Class I). But given that this is a relatively small portion of land, commercial dryland cropping on this portion would not be economically feasible.

It was also noted that the proposed diesel storage tank is located within an existing, disturbed operational area that is not suitable for agriculture.

In conclusion based on these observations, the soil characteristics and the land capability of the project area can be classified as generally not suited for cultivation, with a Medium to Low sensitivity.

2.2.2 ANIMAL SPECIES THEME

The output of the DFFE Screening Tool for the animal species theme is illustrated in Figure 2-2, classified as a Medium sensitivity, due to the potential presence of fauna species of conservation concern (SCC), namely *Eupodotis Senegalensis, Chrysospalax villosus, Crocidura maquassiensis, Dasymys robertsii,* and *Clonia uvarovi*.

Site verification as per the site visit undertaken by the specialist on 25 June 2025 refuted this classification and assigned a Low sensitivity to the Animal Species Theme (WSP, 2025). The McCain Delmas property is walled off from the surrounding landscape for security reasons, thereby limiting potential utilisation of the site by many faunal species. Vegetation is present in the form of a disturbed, wooded grassland patch that was noted to support nesting avifauna. However, none of the species recorded on site are of conservation concern and it is highly unlikely that SCCs would occur in the study area given the lack of suitable habitat, and matrix of anthropogenic activities and impacts present.

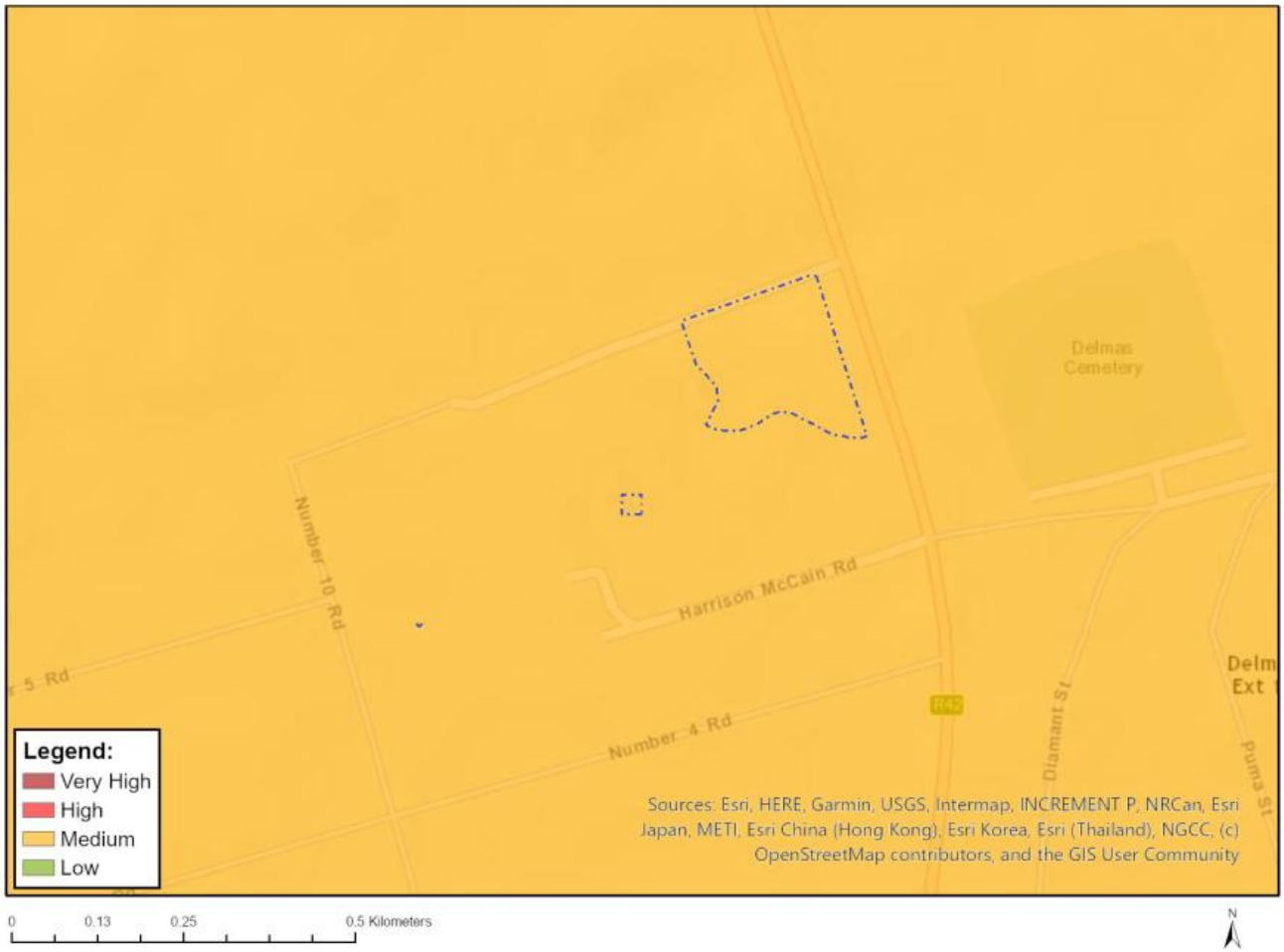

Figure 2-2 - Map of Animal Species Sensitivity *(Source: DFFE Screening Report)*

2.2.3 AQUATIC BIODIVERSITY THEME

The output of the DFFE screening tool for the Aquatic Biodiversity theme is illustrated in Figure 2-3 and indicates that the sites are classified as Low sensitivity. The Aquatic Biodiversity theme is of Low sensitivity. The site is not located near any watercourses. A detailed storm water management plan will be compiled for the proposed WWTP.

Figure 2-3 - Map of Aquatic Biodiversity Sensitivity *(Source: DFFE Screening Report)*

2.2.4 ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME

The output of the DFFE Screening Tool for the Archaeological and Cultural Heritage Theme is illustrated in Figure 2-4 and indicates that the sites are classified as Low sensitivity. The Low sensitivity for the sites was confirmed by the heritage specialist (APAC Consulting , 2025). No Stone Age, Iron Age or Historical Age sites, features or material were identified in the proposed development areas during the May 2025 field-based assessment. The only remains recorded were very recent and constructed by McCain Delmas in the study area. These included the remains of braai facilities, as well as a parking area.

Figure 2-4 - Map of Archaeological and Cultural Heritage Sensitivity (*Source: DFFE Screening Report*)

2.2.5 CIVIL AVIATION THEME

As per the DFFE Screening Tool Site Sensitivity presented in Figure 2-5, the Civil Aviation Theme is classified as Low sensitivity. There is a civil aviation aerodrome within 8 km of the site. The Delmas Airfield – FADE, is a single-strip airfield suitable for small aircraft operations and it is not classified as a high-traffic or commercial aviation hub. Furthermore, the proposed diesel tank and structures associated with the WWTP, including tanks, digesters, and buildings, are of low to moderate height and do not exceed the 45 metre threshold that typically triggers aviation safety assessments under the Civil Aviation Authority (CAA) guidelines. Furthermore, it is not expected for any of the proposed infrastructure to pose a risk to aircraft safety as a result of any glint / glare impacts.

Therefore, the EAP agrees that the sensitivity is High but rather Low sensitivity. A formal Civil Aviation Assessment will therefore not be undertaken as part of the BA Process. The South African Civil Aviation Authority (SACAA) will be included on the project stakeholder database. They will be informed of the proposed project, and comment will be sought.

Figure 2-5 - Map of Civil Aviation Sensitivity *(Source: DFFE Screening Report)*

2.2.6 DEFENCE THEME

The output of the DFFE Screening Tool for the Defence Theme is illustrated in Figure 2-6 and indicates that the site is classified as Low sensitivity. The relevant stakeholders are included on the project stakeholder database i.e. Department of Defence.

Figure 2-6 - Map of Defence Sensitivity *(Source: DFFE Screening Report)*

2.2.7 PALAEONTOLOGY THEME

The output of the DFFE Screening Tool for the Palaeontology Theme is illustrated in Figure 2-7 and indicates that the site is classified as Very High sensitivity. The palaeontologists undertook a site visit on 17 March 2025 and confirmed that there were no fossils in the project footprint and therefore refute the Very High sensitivity and assigned a Low sensitivity to the Palaeontology Theme (Prof Marion Bamford, 2025).

Figure 2-7 - Map of Palaeontology Sensitivity *(Source: DFFE Screening Report)*

2.2.8 PLANT SPECIES THEME

The sensitivity of the site based on the Terrestrial Plant Species theme is rated Medium as per the DFFE Screening Tool (Figure 2-8). No plant species of conservation concern (SCC) is expected to occur in the project area. The site verification as undertaken on 25 June 2025 by the specialist (WSP, 2025) corroborated this classification and confirmed a Low sensitivity for the Plant Species Theme.

Figure 2-8 - Map of Plant Species Sensitivity *(Source: DFFE Screening Report)*

2.2.9 TERRESTRIAL BIODIVERSITY THEME

The DFFE's Screening Tool considers the project areas as having Very High Terrestrial Biodiversity sensitivity based on the presence of the endangered vegetation type, Eastern Highveld Grassland (Figure 2-9).

As per the site visit undertaken by the specialist on 25 June 2025 (WSP, 2025), due to the dominant presence of modified habitats and the confirmed absence of vegetation representative of Vulnerable Eastern Highveld Grassland vegetation type, the Very High sensitivity classification is refuted and a Low sensitivity for the Terrestrial Biodiversity Theme is assigned.

Figure 2-9 - Map of Terrestrial Biodiversity Sensitivity *(Source: DFFE Screening Report)*

2.2.10 SITE PHOTOGRAPHS

The photographs presented in this section (Table 2-2 and Table 2-3) were taken by the EAP and the appointed specialists. As can be concluded from the photographs below, the proposed development footprints are associated with a built environment, mainly industrial in nature and function.

Table 2-2 – Site Photographs - Proposed WWTW site location

North Corner	**Northeastern Corner**
Fire Break adjacent to the boundary wall	**Existing Clarifier**

Table 2-3 – Site Photographs - Proposed diesel tank site location

Diesel Storage hard stand	**Adjacent to hard stand**

Current Diesel Storage on hard stand	**Walkway adjacent to hard stand**

2.2.11 SITE SENSTIVITY VERIFICATION SUMMARY

A summary of the site environmental sensitivities and recommended specialist assessments as identified in the DFFE Screening Report is presented in Table 2-4. Further, the site sensitivities associated with the proposed sites verified by the EAP and appointed specialists as well as the EAP's recommendations on the studies to form part of the BA process are also indicated.

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Table 2-4 – Theme or specialist study identified in the DFFE screening report and comments thereto

Specialist study in DFFE Screening Tool	Theme in DFFE Screening Tool	DFFE Screening Report Sensitivity	Specialist assessments or motivation if not commissioned	Theme Screening by EAP / Specialist	Detail of specialist
Agricultural Impact Assessment	Agricultural Theme	Very high	A Soil, Land Use and Land Capability Assessment was commissioned as undertaken by Soil Advisory Services.	Medium to Low	Ilse Snyman Soil Scientist SACNASP: 400282/14
Ambient Air Quality Impact Assessment	Not identified	N/A	An Air Quality Impact Assessment has been commissioned, as undertaken by WSP, given the nature of the proposed developments, and their locations in relation to proximity to sensitive receptors.	N/A	Yakeen Kowlas (WSP)
Animal Species Assessment	Animal Species Theme	Medium	Animal Species Compliance Statement (Included in the Terrestrial Biodiversity Compliance Statement) has been undertaken by WSP.	Low	Rudolph Greffrath (WSP) Pr.Sci.Nat. – 400017/18 (Ecological Science) Shavaughn Davis Pr.Sci.Nat. – 115025 (Zoological Science, Ecological Science)
Aquatic Biodiversity Impact Assessment	Aquatic Biodiversity Theme	Low	Due to the disturbed nature of the site, further as per the output of the DFFE screening tool (Low sensitivity), and the absence of watercourses or wetlands within the sites' proximity, no specialists assessment was commissioned. A project specific Conceptual Storm Water Plan was commissioned to limit surface water runoff impacts.	Low	N/A

Specialist study in DFFE Screening Tool	Theme in DFFE Screening Tool	DFFE Screening Report Sensitivity	Specialist assessments or motivation if not commissioned	Theme Screening by EAP / Specialist	Detail of specialist
Archaeological and Cultural Heritage Impact Assessment	Archaeological and Cultural Heritage Theme	Low	A Phase 1 Heritage Impact Assessment was commissioned, as undertaken by APAC Consulting.	Low	AJ Pelser Accredited member of ASAPA: Number 106
Not identified	Civil Aviation Theme	Low	The Delmas Airfield – FADE, is a single-strip airfield (approximately 8 km from project location) suitable for small aircraft operations and it is not classified as a high-traffic or commercial aviation hub. Furthermore, the diesel tank and structures associated with the wastewater treatment plant, including tanks, digesters, and buildings, are of low to moderate height and do not exceed the 45-meter threshold that typically triggers aviation safety assessments under the Civil Aviation Authority (CAA) guidelines. Furthermore, none of the infrastructure will pose glint or glare risks to aviation. The Civil Aviation theme is therefore identified as Low sensitivity and thus a compliance statement is not required. However, the SACAA has been included on the project stakeholder database.	Low	N/A
Not identified	Defence Theme	Low	The defence theme is identified as Low sensitivity; therefore, a compliance statement is not required. However, the Department of Defence has been included on the project stakeholder database.	N/A	N/A
Health Impact Assessment	Not identified	N/A	The proposed WWTP is designed to improve effluent management by treating effluent more effectively, thereby reducing potential health hazards rather than introducing them. Similarly, the diesel storage expansion involves enhanced containment and	N/A	N/A

Specialist study in DFFE Screening Tool	Theme in DFFE Screening Tool	DFFE Screening Report Sensitivity	Specialist assessments or motivation if not commissioned	Theme Screening by EAP / Specialist	Detail of specialist
			safety measures. An Air Quality Impact Assessment for the proposed project has been commissioned that also assessed possible health or nuisance related impacts associated with potential emissions that may arise. Further thereto, a Noise Impact Assessment has been commissioned as applicable to any noise that may arise from the proposed project. As the project will form part of the McCain Delmas' existing operations, potential health aspects are integrated into the existing health and safety policies. A Health Impact Assessment has not been undertaken for the proposed project.		
Hydrology Assessment	Not identified	N/A	A Conceptual Storm Water Management Plan, WSP, has been developed, to be integrated into the design of the WWTP.	N/A	Johan Jordaan (WSP) Pr Eng- 20080244
Noise Impact Assessment	Not identified	N/A	A Noise Impact Assessment has been commissioned, as undertaken by WSP, due to the nature of the proposed WWTP development specifically, and it proposed location in relation to sensitive receptors.	N/A	Kirsten Collet (WSP) Associate Pr Sci Nat - 115870
Palaeontology Impact Assessment	Palaeontology Theme	Very high	A Palaeontological Impact Assessment was commissioned as undertaken by Prof Marion Bamford.	Low	Prof M Bamford Palaeobotanist
Plant Species Assessment	Plant Species Theme	Medium	Plant Species Compliance Statement (Included in the Terrestrial Biodiversity Compliance Statement) has been commissioned, as undertaken by WSP.	Low	Rudolph Greffrath (WSP) Pr.Sci.Nat. – 400017/18 (Ecological Science) Shavaughn Davis

Specialist study in DFFE Screening Tool	Theme in DFFE Screening Tool	DFFE Screening Report Sensitivity	Specialist assessments or motivation if not commissioned	Theme Screening by EAP / Specialist	Detail of specialist
					Pr.Sci.Nat. – 115025 (Zoological Science, Ecological Science)
Socio-Economic Assessment	Not identified	N/A	A Social Impact Assessment, also covering the socio-economic aspects, has been commissioned, as undertaken by WSP.	N/A	Steve Horak Social Scientist
Terrestrial Biodiversity Impact Assessment	Terrestrial Biodiversity Theme	Very high	Terrestrial Biodiversity Compliance Statement (Included in the Terrestrial Biodiversity Compliance Statement) has been commissioned, as undertaken by WSP.	Low	Rudolph Greffrath (WSP) Pr.Sci.Nat. – 400017/18 (Ecological Science) Shavaughn Davis Pr.Sci.Nat. – 115025 (Zoological Science, Ecological Science)
Traffic Impact Assessment	Not identified	N/A	The traffic impact is deemed low as the projects will involve limited construction that will not generate significant external traffic. Existing access roads will be utilised during the construction of the WWTP and the expansion of diesel storage without altering the current traffic patterns or road layouts. Construction activities are expected to be short-term and low in intensity, with traffic managed through established site protocols. Furthermore, the developments do not meet the regulatory thresholds that would typically trigger a Traffic Impact Assessment (TIA), and the R42 road has sufficient capacity to accommodate any minor increases in traffic. As such, the anticipated traffic impact is negligible, and a formal TIA is not considered necessary, However,	N/A	N/A

Specialist study in DFFE Screening Tool	Theme in DFFE Screening Tool	DFFE Screening Report Sensitivity	Specialist assessments or motivation if not commissioned	Theme Screening by EAP / Specialist	Detail of specialist
			relevant stakeholders has been notified of the proposed development and added in the project database.		

3 CONCLUSIONS

Based on the site sensitivity verification undertaken by the EAP and appointed specialists, site sensitivities related to palaeontology, terrestrial biodiversity, civil aviation, animal species, aquatic biodiversity, archaeological and cultural heritage, defence and plant species are rated as Low. It is only agriculture that has been verified to have a Medium to Low sensitivity.

Based on the site sensitivity verification, and the EAP's understanding of the anticipated impacts associated with the proposed developments, the following studies have been commissioned:

- Agricultural Impact Assessment;
- Ambient Air Quality Impact Assessment;
- Animal Species Assessment;
- Archaeological and Cultural Heritage Impact Assessment;
- Noise Impact Assessment;
- Palaeontology Impact Assessment;
- Plant Species Assessment;
- Hydrology / Storm Water Management Assessment;
- Socio-Economic Assessment; and
- Terrestrial Biodiversity Impact Assessment.

4 REFERENCES

APAC Consulting . (2025). *Report on the Phase 1 HIA for the Wastewater Treatment Plant and expansion of storage goods at the McCain Foods Delmas Plant.* Pretoria.

Prof Marion Bamford. (2025). *Palaeontological Impact Assessment for the McCain Delmas Waste Water Treatment Plant & Expansion of the Diesel Storage Facility.* Johannesburg.

Soil Advisory Services. (20 March 2025). *Soil, Land Capability and Agricultural Potential Assessment for the proposed WWTP and expansion of Diesel Storage at McCain's Delmas Operation.* Johannesburg.

WSP. (2025). *Terrestrial Biodiversity Fauna and Flora Compliance Statement.* Johannesburg.

Appendix A

CV OF THE EAP & DECLARATION OF INDEPENDENCE

Public

Olivia Allen

Director: Environmental Planning & Advisory

CAREER SUMMARY

Olivia Allen has 20 years' experience in the discipline of Environmental Sciences. Olivia specialises in environmental assessment, regulatory compliance, waste planning and integrated project management.

As a senior consultant, Olivia has successfully led, or been part of, various projects in the mining sector of coal, gold, diamonds, copper and platinum; the petroleum sector of gas extraction; and steel, ferrochrome and electrolytic manganese dioxide industrial sectors. She has extensive experience in projects related to water management; waste management; contaminated land remediation; and decommissioning, rehabilitation and closure.

In the past, Olivia has functioned in various roles within the technical stream, including report writing; leading projects and proposal submissions; project management; project co-ordination; and working closely with engineering teams, environmental specialists, project feasibility teams, regulatory authorities, and stakeholders, to ensure successful project integration and sustainable development outcomes.

17 years with WSP

20 years of experience

Area of expertise

Conducting Environmental Impact Assessments and compiling Environmental Management Plans

Development of Integrated Waste Management Plans

Compiling Water Use and Waste Management Licence Applications

Stakeholder engagement, including Regulatory Authorities

Co-ordination of Integrated Regulatory Processes

Environmental Compliance Assessment and Auditing

Language

English – Fluent

Afrikaans - Fluent

EDUCATION

M.Sc Water Resource Management, University of Pretoria	2014
B.Sc Hons (cum laude) Geography, University of the Free State, South Africa	2003
B.Sc (cum laude) Zoology and Geography, University of the Free State, South Africa	2002

PROFESSIONAL MEMBERSHIPS

Environmental Assessment Practitioner Association South Africa (EAPASA) 2019/1725	2019 - present

PROFESSIONAL HISTORY

WSP Group Africa (Pty) Ltd.	July 2022 - present
Golder Associates Africa (Pty) Ltd.	July 2008 – June 2022
Clean Stream Environmental Services	June 2005 – June 2008

PROFESSIONAL EXPERIENCE

Due Diligence and Asset Acquisition

- Mogale Tailings Retreatment (Pty) Ltd, Phase 1 and 2 Environmental and Social Due Diligence, Gauteng
- ENSAfrica, Development of an Environmental Action List and Associated Costing for Evraz Highveld Steel and Vanadium Limited, Mpumalanga
- Universal Coal, Phase 1 Environmental Due Diligence for Exxaro Resources Limited New Clydesdale Colliery, Mpumalanga
- Total, Project Star - Environmental Due Diligence
- South32, Environmental Legal and Duty of Care Compliance Assessments for Wolvekrans, Ifalethu, Klipspruit and Khutala Collieries, Mpumalanga
- Jet Demolition, Project Odyssey, Enviro-legal Assessment

Feasibility Studies – Environmental and Social Risk

- Ivanhoe Mines SA (Platreef Resources), Waste, Environmental & Permitting Related Inputs into Platreef BFS, Limpopo
- Debswana, Safety and Sustainable Development Inputs into PFS for Cut 9 Jwaneng Mine, Botswana
- Debswana, Safety and Sustainable Development Inputs into PFS for Cut 3 at Orapa Mine, Botswana
- South32, Environmental Risk & Permitting Related Inputs into Closure PFS for Rietspruit Colliery, Mpumalanga
- New Largo Coal, Environmental and Social Risk & Permitting Related Inputs into Pit H BFS, Mpumalanga
- New Largo Coal, Environmental and Social Risk & Permitting Related Inputs into Main Mine BFS, Mpumalanga
- Mafube Coal, Environmental and Social Risk & Permitting Related Inputs into PFS for Mafube Debottleneck Project, Mpumalanga
- Thungela Resources, Environmental and Social & Permitting Related Inputs PFS for into Greenside 3A North Project, Mpumalanga
- Klipspruit Colliery, Environmental and Social Risk & Permitting Related Inputs into BFS for Converting from Opencast to Underground at Pit BD, Mpumalanga

- Khutala Colliery, Environmental and Social Risk & Permitting Related Inputs into BFS for two projects:
- 5 Seam Plant Re-commissioning & Converting from Opencast to Underground at Central Eastern Extension, Mpumalanga

Oil & Gas

- Shell Exploration Company B.V., South Western Karoo Basin Gas Exploration Project, Northern, Western and Eastern Cape
- Bundu Gas and Oil Exploration, Review (and Update) of EMPr for Gas Exploration, Eastern Cape
- TotalEnergies, Block 11B/12B Industrial and Social Baseline Studies, Western Cape
- Shell Downstream, Applications for Section 24G Rectification for various sites in KZN, Gauteng
- TotalEnergies, Block 11B/12B ESIA, Western Cape

Mine Water Treatment

- Anglo Operations Limited, eMalahleni Mine Water Reclamation Expansion Project, Mpumalanga
- Western Utilities Corporation, Mine Water Reclamation Project, Gauteng
- Anglo Operations Limited, New Denmark Colliery Reverse Osmosis Reject Pond, Mpumalanga
- Glencore, Tweefontein Mine Water Reclamation Plant, Mpumalanga
- Optimum Coal, Eikeboom Colliery Mine Water Reclamation Plant, Mpumalanga
- Anglo American Inyosi Coal, Development of a closure water management strategy for Kriel Colliery, Mpumalanga

Closure & Decommissioning

- Exxaro Resources Limited, Inyanda Coal Closure EMP, Mpumalanga
- Delta (E.M.D.), Closure Liability Assessment, Integrated Waste Management Plan & Integrated Regulatory
- Process for Electrolytic Manganese Dioxide Manufacturing Facility, Mpumalanga
- Exxaro Resources Limited, Arnot Coal Closure EMP, Mpumalanga
- Kangra Coal, Integrated Regulatory Process for closure of 2 sections of the mine
- Anglo American Inyosi Coal, Compliance Assessment of Closure Kriel Colliery's Rehabilitation Commitments, Mpumalanga
- South32, Development of an Integrated Remediation and Rehabilitation Plan for Metalloys, Gauteng
- South32, Review and Update of the Closure Costs and Integrated Rehabilitation and Remediation Plan for the Unscheduled and Scheduled Closure Scenarios for Metalloys, Gauteng
- Liberty Trust Rehabilitation Fund, Trustee

Other EIA's and EMP's

- Lonmin, Prospecting EMP Amendment for Akanani Mine, Limpopo
- Zululand Anthracite Colliery, EIA & EMP for new shaft developments, Kwa-Zulu Natal
- Exxaro Resources Limited, EIA & EMP for new pit development at Tshikondeni Coal Mine, Limpopo ▪ Anglo Operations Limited, EIA & EMP for new pit development and mine water reclamation plant at Mafube Colliery, Mpumalanga
- Exxaro Resources Limited, EIA & EMP for new pit development at Leeuwpan Coal, Mpumalanga
- Blyvoor Gold Operations (Pty) Ltd, EMP Update, WULA for tailings reclamation and underground mining at Blyvooruitzicht Gold Mine, Gauteng
- South32, Application for environmental authorisation for indigenous vegetation removal at Metalloys, Gauteng

- Glencore, Application for environmental authorisation for dewatering pipeline for Goedgevonden Colliery, Mpumalanga
- Mafube Coal, Application for EMP amendment for in-pit crusher at Mafube Colliery, Mpumalanga
- New Largo Coal, Application for EMP amendment for Pits D & H, Mpumalanga
- Sopel, ESIA for the By-pass Toll Road, Kolwezi, DRC
- New Largo Coal, Application for EMP amendment for Pit F, Mpumalanga

Waste Management Planning

- Eskom Holdings, Industry Waste Management Plan for Eskom's Power-generating Units, South Africa
- Ivanhoe Mines SA, Integrated Waste Management Plan for underground Platreef platinum mine, Limpopo
- Exxaro Resources Limited, Integrated Waste Management Plan for Mayoko iron ore mining project, Republic of Congo
- Debswana, Integrated Waste Management Plan for Jwaneng Mine, Botswana
- Debswana, Integrated Waste Management Plan Update for Orapa, Letlhakane and Damtshaa Mines, Botswana
- Tubatse Ferrochrome, Development of Waste Removal, Processing and Management Plan for nine historic waste sites, and site-wide Integrated Waste Management Plan, Limpopo
- Wasteman, Waste Impact Report for Bulbul Landfill, Kwa-Zulu Natal
- Palabora Mining Company, Integrated Waste Management Plan, Limpopo
- ASA Metals, Waste Impact Report for Dilokong Chrome Mine, Limpopo

Waste Licence Applications

- Sasol, Waste Licence Application for proposed Vanadium Disposal Facility, Mpumalanga
- Tubatse Ferrochrome, Waste Licence Application for decommissioning historic slag dump, Limpopo
- Ivanhoe Mines SA (Platreef Resources), Waste Licence Application for underground Platreef platinum mine, Limpopo
- Rustenburg Municipality, Waste Licence Application for Waterval Landfill Site, North West
- Evraz Highveld Steel and Vanadium Limited, Waste Licence Application for Steelworks, Mpumalanga
- Evraz Highveld Steel and Vanadium Limited, Waste Licence Application for decommissioning of Calcine Waste Disposal Facility, Mpumalanga
- Palabora Mining Company, Waste Licence Application for Palabora Mining Company site, Limpopo
- Anglo Operations Limited, Waste Licence Application for new mine & mine water reclamation plant New Vaal Colliery, Gauteng/Free State
- Glencore, Waste Licence Application for Zonnebloem Coal Mine, Mpumalanga
- Anglo Operations Limited, Waste Licence Application for new pit development and mine water reclamation plant at Mafube Colliery, Mpumalanga
- Africary Holdings, Waste Licence Application for Underground Coal Gasification (UCG) project, Free State
- South32, Waste Licence Application for the decommissioning of dormant waste facilities at Metalloys, Gauteng
- South32, Waste Licence Application for discard dump extension at Klipspruit Colliery, Mpumalanga
- Anglo, Waste Licence Application for discard dump at Zibulo Colliery, Mpumalanga

Exemption Applications

- Eskom Holdings, Application for Exemption of Waste Management Activity and Ash Beneficiation in termsof NEMWA, South Africa

Compliance Assessments & Audits

- New Clydesdale Coal, EMP Performance Assessment, Mpumalanga
- Zululand Anthracite Colliery, Various Compliance Audits, Kwa-Zulu Natal
- Glencore, External Waste Management Licence Audit at Wonderkop Smelter, North West
- Goldplat Recovery, High-level enviro-legal assessment and development of compliance strategy, Gauteng
- GoodRock Chemworks, Confirming the regulatory path for obtaining environmental authorisation for the calciner plant, Northern Cape
- Randlord, High-level enviro-legal assessment for tailings storage facilities earmarked for reworking and/or rehabilitation, Gauteng
- Scaw South Africa, Identification of NEMA listed activities associated with decommissioning of Scaw Standard Foundry, Gauteng
- SA Lime & Gypsum Group, Enviro-legal assessment for the reworking of tailings and waste rock at Witkop Fluorspar Mine, North West
- South32, Environmental Legal Gap Analysis for Middelburg Colliery & Coal Processing, Mpumalanga
- Grindrod Terminals, Enviro-legal gap analysis, KZN

PUBLICATION

Kruger, E. and Chapman, O. A., 2005: Quality Aspects of Environmental Impact Assessment Reports in the Free State Province, South Africa. South African Geographical Journal, 87 (1), 52-57

THESIS

Kruger, E. and Chapman, O. A., 2005: Quality Aspects of Environmental Impact Assessment Reports in the Free State Province, South Africa. South African Geographical Journal, 87 (1), 52-57

Environmental Assessment Practitioners Association of South Africa

Registration No. 2019/1725

Herewith certifies that

OLIVIA ALLEN

is registered as an

Environmental Assessment Practitioner

Registered in accordance with the prescribed criteria of Regulation 15. (1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).

Effective: 01 March 2025

Expires: 31 March 2026

Chairperson

Registrar

SAQA
SOUTH AFRICAN QUALIFICATIONS AUTHORITY

10.2 The Environmental Assessment Practitioner (EAP)

I …**Olivia Allen**…, as the appointed environmental assessment practitioner ("EAP") hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that I:

- in terms of the general requirement to be independent (tick which is applicable):

X	other than fair remuneration for work performed/to be performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity; or

	am not independent, but another EAP that is independent and meets the general requirements set out in Regulation 13 has been appointed to review my work (Note: a declaration by the review EAP must be submitted);

- have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- will ensure compliance with the EIA Regulations 2014;
- 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 application;
- will take into account, to the extent possible, the matters listed in regulation **18** of the regulations when preparing the application and any report, plan or document relating to the application;
- will disclose to the proponent or applicant, registered interested and affected parties 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 or the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority (unless access to that information is protected by law, in which case I will indicate that such protected information exists and is only provided to the competent authority);
- 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;
- declare that all the particulars furnished by me in this form are true and correct;
- am aware that it is an offence in terms of Regulation 48 to provide incorrect or misleading information and that a person convicted of such an offence is liable to the penalties as contemplated in section 49B(2) of the National Environmental Management Act, 1998 (Act 107 of 1998).

Digitally signed by
Allen, Olivia
(ZAOA05122)
Date: 14/July/2026

Signature of the environmental assessment practitioner

WSP Group Africa (Pty) Ltd

Name of company

Date

Appendix B

SCREENING TOOL REPORT

Public

SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE ENVIRONMENTAL SENSITIVITY

EIA Reference number: 1/3/1/16/1N-493

Project name: PROPOSED WASTEWATER TREATMENT PLANT AND EXPANSION OF DIESEL STORAGE

Project title: PROPOSED WASTEWATER TREATMENT PLANT AND EXPANSION OF DIESEL STORAGE

Date screening report generated: 13/07/2026 16:18:48

Applicant: McCain Foods (Pty) Ltd

Compiler: WSP Group Africa

Compiler signature: Digitally signed by Allen, Olivia (ZAOA05122) Date: 14/July/2026

Application Category: Services|Waste Management Services|Treatment facilities|General

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Environmental Management Frameworks relevant to the application 5
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MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY 15

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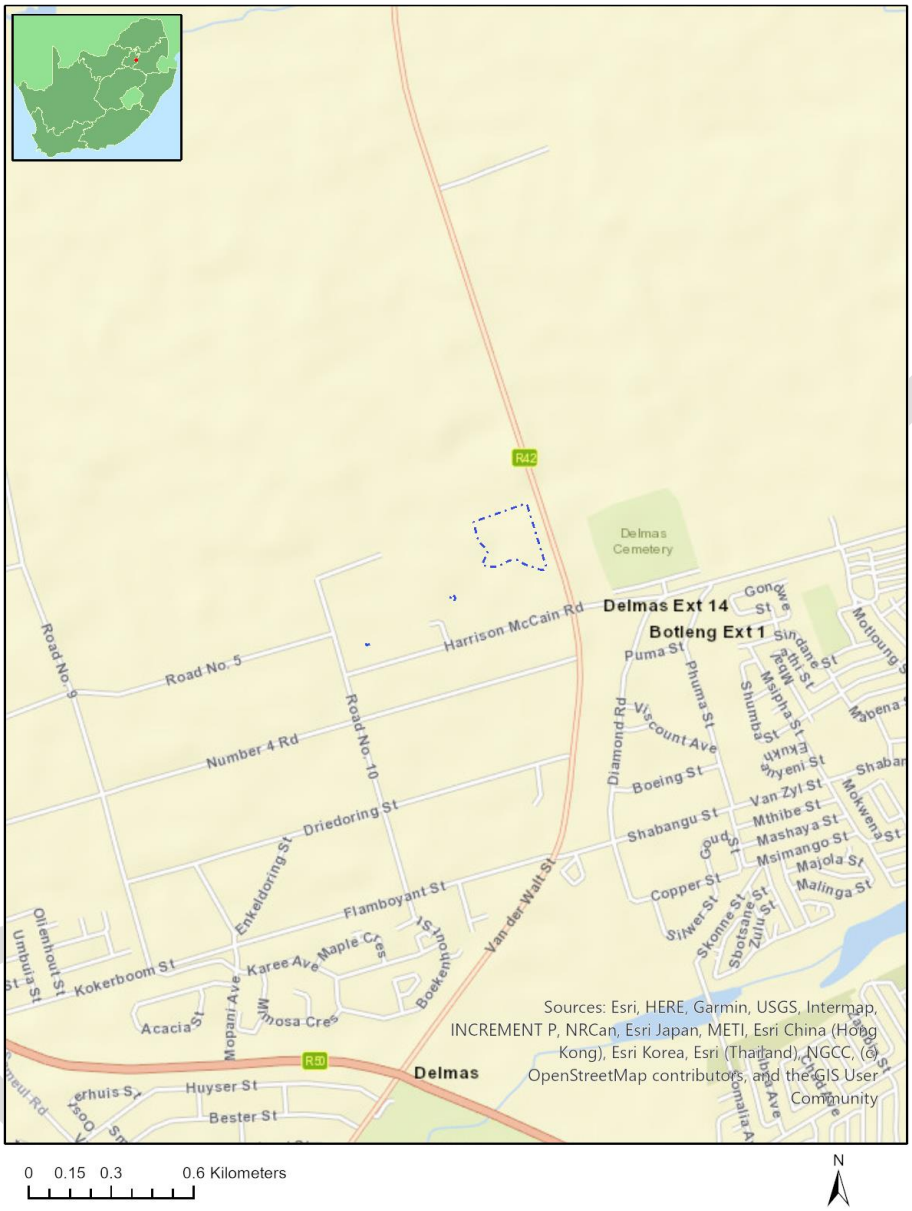
Proposed Project Location

Orientation map 1: General location

General Orientation: PROPOSED WASTEWATER TREATMENT PLANT AND EXPANSION OF DIESEL STORAGE



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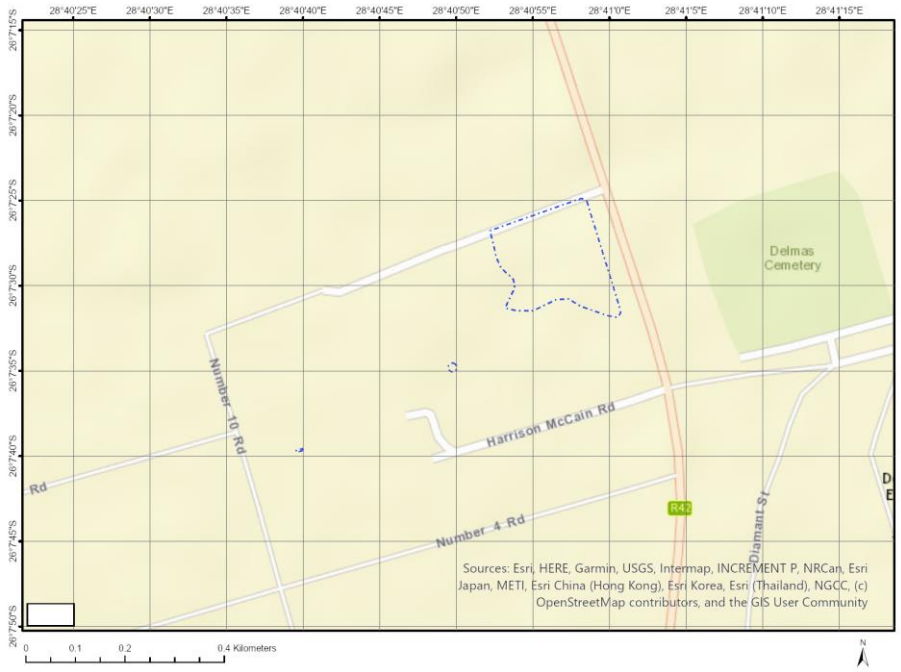
13/07/2026

Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	LEEUWPOORT	205	0	26°6'18.09S	28°39'47.28E	Farm
2	LEEUWPOORT	205	5	26°7'49.19S	28°40'4.41E	Farm Portion
3	LEEUWPOORT	205	74	26°7'34.69S	28°40'46.26E	Farm Portion
4	UNION FORESTS PLANTATION	179	0	26°7'31.02S	28°40'59.58E	Agri Holding

Development footprint[1] vertices:
No development footprint(s) specified.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/1/2358	Solar PV	Approved	25.4

[1] "development footprint", means the area within the site on which the development will take place and incudes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

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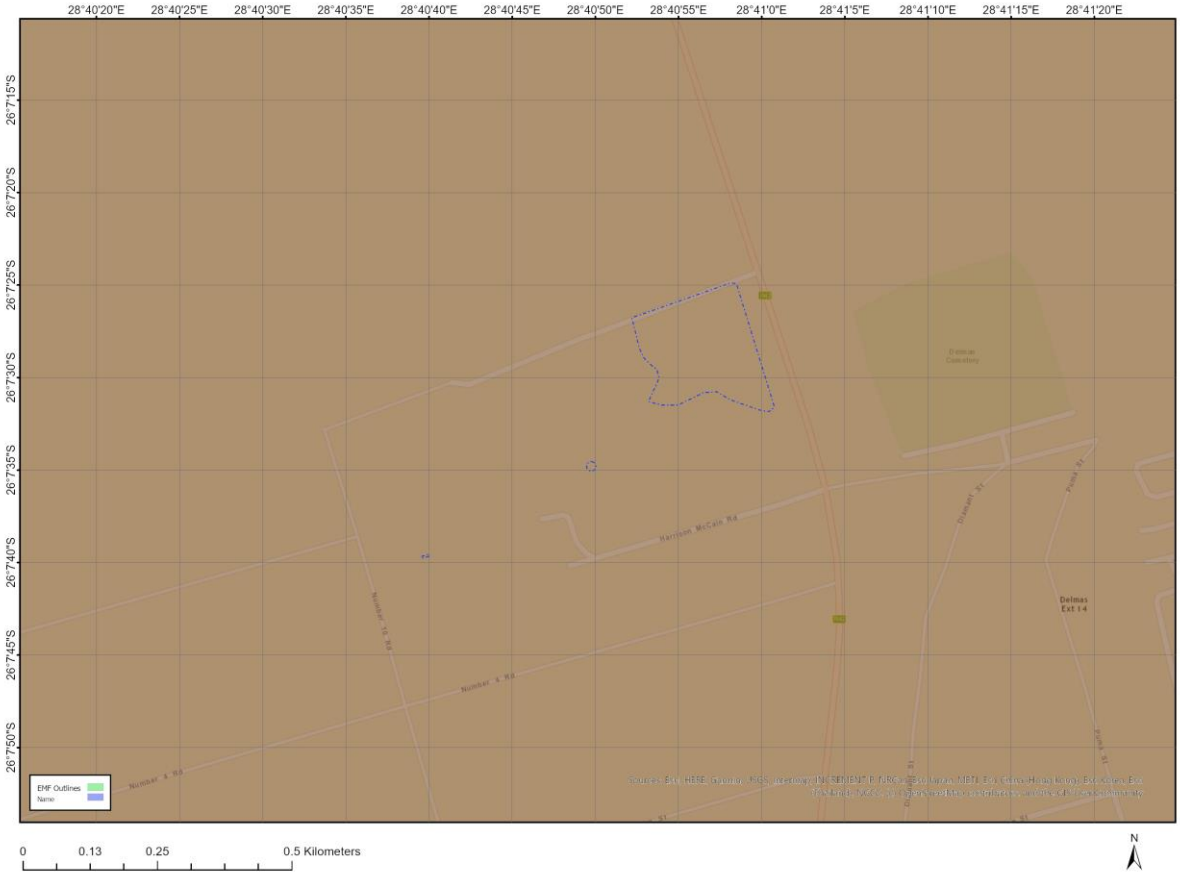
Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Olifants EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/Zone_46_67_78_80_92_103_122_129.pdf

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is: **Services|Waste Management Services|Treatment facilities|General**.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication

Strategic Transmission Corridor-International corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Air Quality-Highveld Priority Area	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/HIGHVELD_PRIORITY_AREA_AQMP.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme	X			
Animal Species Theme			X	
Aquatic Biodiversity Theme				X
Civil Aviation Theme				X
Defence Theme				X
Paleontology Theme	X			
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_P

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		rotocols.pdf
7	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Noise_Impacts_Assessment_Protocol.pdf
8	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
9	Health Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
12	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
13	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

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Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

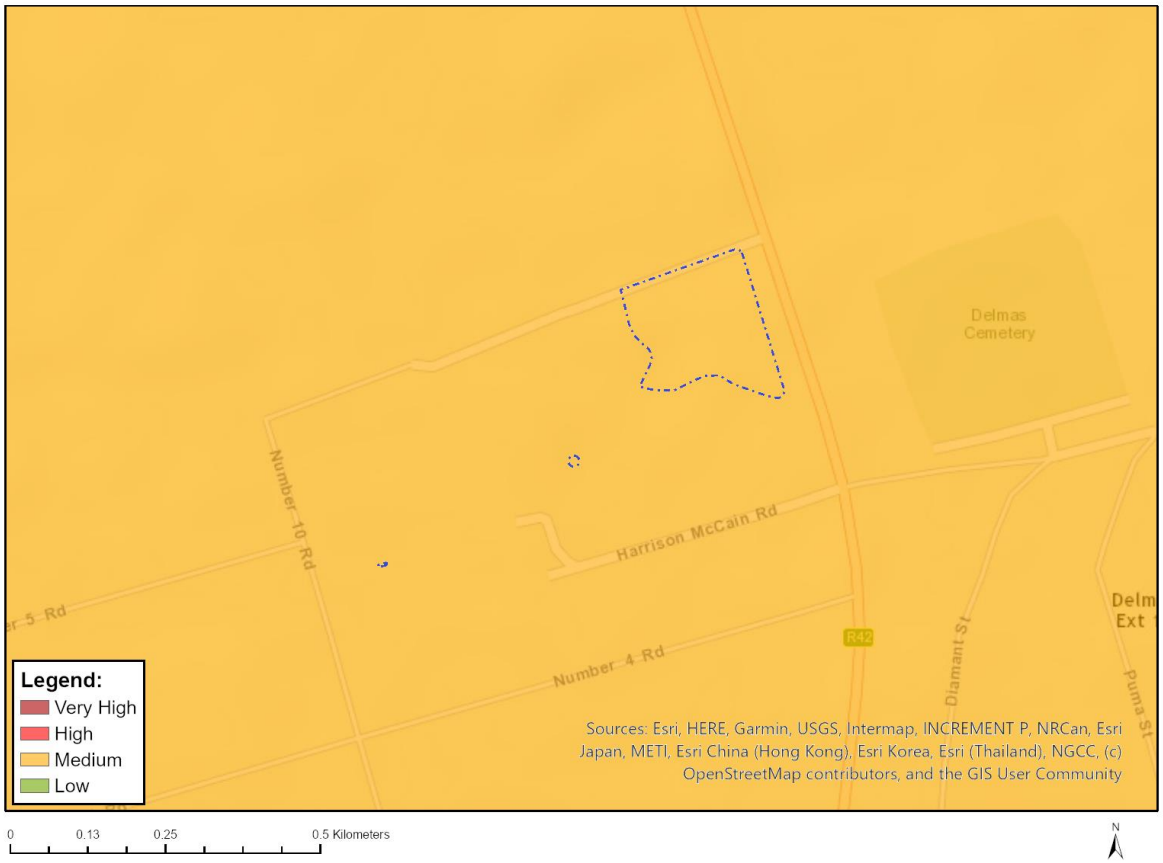
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	09. Moderate-High
High	10. Moderate-High
Very High	Delmas-Ogies PAA

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Aves-Eupodotis senegalensis
Medium	Mammalia-Chrysospalax villosus
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Dasymys robertsii
Medium	Invertebrate-Clonia uvarovi

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MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

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MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

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MAP OF RELATIVE DEFENCE THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

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MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Features with a Medium paleontological sensitivity
Very High	Features with a Very High paleontological sensitivity

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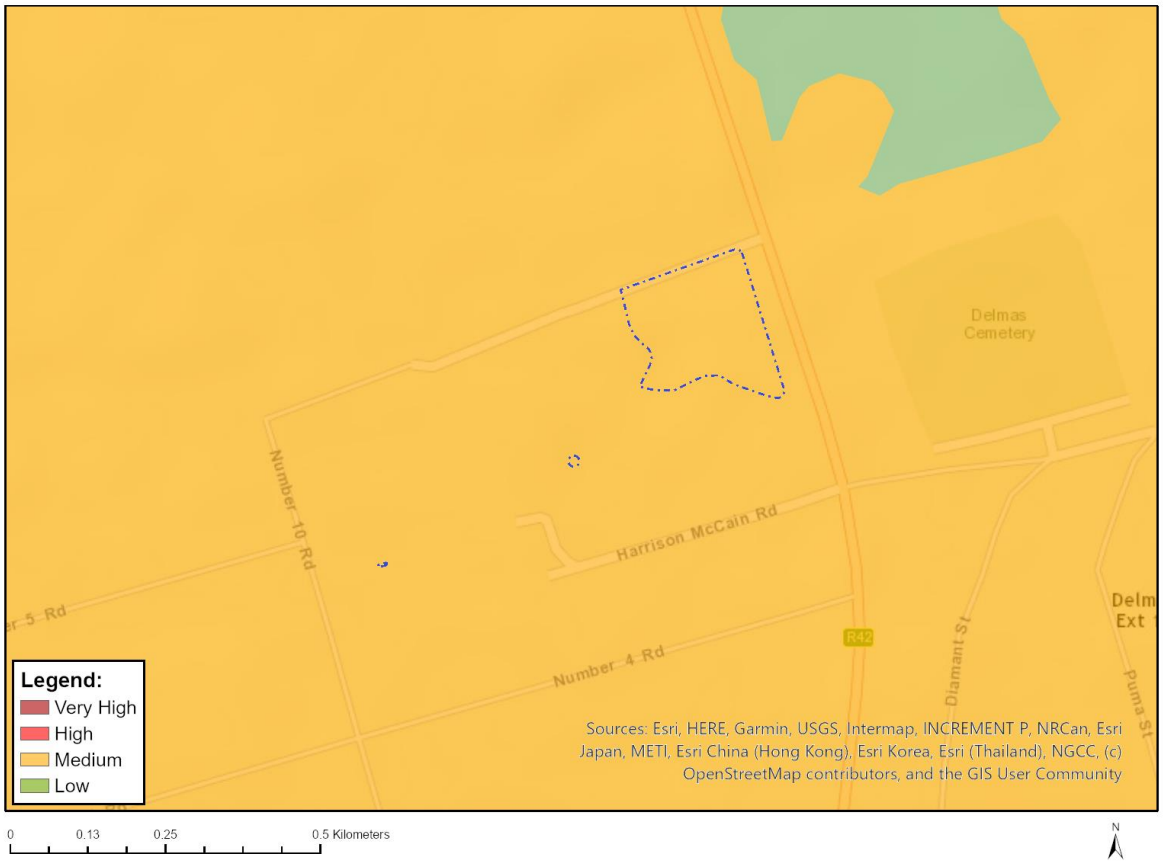
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Sensitive species 196
Medium	Pachycarpus suaveolens

Disclaimer applies
13/07/2026

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	EN_Eastern Highveld Grassland

Disclaimer applies

Building 1, Maxwell Office Park
Magwa Crescent West, Waterfall City
Midrand, 1685
South Africa

wsp.com

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