

**DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED
DEVELOPMENT (PHASED PROJECT) OF FILLING STATION AT R81 MUNNIK
FILLING STATIONS ON FARMS HELPMALKAAR 819 LS PORTION 2
(REMAINING EXTENT) AND UITSPANNING 820 LS**



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LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

BASIC ASSESSMENT REPORT - EIA REGULATIONS, 2014

Basic Assessment report in terms of the Environmental Impact Assessment Regulations, 2014, promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

File Reference Number:

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NEAS Reference Number:

(For official use only)

Date Received:

Due date for acknowledgement:

Due date for acceptance:

Due date for decision

Kindly note that:

1. The report must be compiled by an independent Environmental Assessment Practitioner.
2. The report must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
3. Where applicable **tick** the boxes that are applicable in the report.
4. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the Department of Economic Development, Environment and Tourism as the competent authority (Department) for assessing the application, it may result in the rejection of the application as provided for in the regulations.
5. An incomplete report may be returned to the applicant for revision.
6. Unless protected by law, all information in the report will become public information on receipt by the department. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.

7. The Act means the National Environmental Management Act (No. 107 of 1998) as amended.
8. Regulations refer to Environmental Impact Assessment (EIA) Regulations of 2014.
9. The Department may require that for specified types of activities in defined situations only parts of this report need to be completed. No faxed or e-mailed reports will be accepted.
10. This application form must be handed in at the offices of the Department of Economic Development, Environment and Tourism:-

<p><u>Postal Address:</u> Central Administration Office Environmental Impact Management P. O. Box 55464 POLOKWANE 0700</p>	<p><u>Physical Address:</u> Central Administration Office Environmental Affairs Building Cnr Suid and Dorp Streets POLOKWANE 0699</p>
<p>Queries should be directed to the Central Administration Office: Environmental Impact Management:-</p> <p>For attention: Mr E. V. Maluleke Tel: (015) 290 7138/ (015) 290 7167 Fax: (015) 295 5015 Email: malulekeev@ledet.gov.za</p>	

View the Department's website at [http://www.ledet.gov.za/](http://www.ledet.gov.za) for the latest version of the documents.

SECTION A: ACTIVITY INFORMATION

Has a specialist been consulted to assist with the completion of this section?

YES	NO
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If YES, please complete the form entitled "Details of specialist and declaration of interest" or appointment of a specialist for each specialist thus appointed:

Any specialist reports must be contained in Appendix D.

1. ACTIVITY DESCRIPTION

Describe the activity, which is being applied for, in detail¹:

The proposed development of new petrol filling stations, located on the farm Helpmalkaar 819 LS remaining extent of portion 2 and Uitspanning 820 LS to create a single or linked entity along R 81 road in Munnik Village under Greater Letaba Local Municipality, Limpopo Province.

The proposed development is for two petrol filling stations opposite each other in two properties that are adjacent to each other and both owned by applicant, Mr. Thulani Rollins Nkuna (Autumn Star Trading 869 & Hlangani Trust). Overall the proposed development will include the following:

- The installation of eight (8) 46 m³ capacity underground storage tanks.
- Associated fuel handling infrastructure including an oil-water separator system; fuel lines and filler lines; pump dispensers; and tank filler points situated on a spill containment slab which discharges to the separator system.
- A forecourt canopy and dispensing area sloping to a central catch-pit which discharges to the separator system.
- A convenience store and fast food restaurant with seating area.
- Car and bus parking areas.

The total development building area associated with the proposed development will be approximately 40 000m² in extent.

2. FEASIBLE AND REASONABLE ALTERNATIVES

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description.

“alternatives”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to—

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the Department may also request the applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

Paragraphs 3 – 13 below should be completed for each alternative.

3. ACTIVITY POSITION

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The projection that must be used in all cases is the Hartebeeshoek 94 WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

Latitude (S): **Longitude (E):**

Alternative:

Alternative S1² (preferred or only site alternative)

23°	37'	48.95"	29°	56'	34.36"
AND					
23°	38'	52"	29°	56'	33.98"

Alternative S2 (if any)

Alternative S3 (if any)

² “Alternative S..” refer to site alternatives.

In the case of linear activities:

Alternative:

Latitude (S):

Longitude (E):

Alternative S1 (preferred or only route alternative)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

Alternative S2 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

Alternative S3 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

For route alternatives that are longer than 500m, please provide an addendum with co-ordinates taken every 250 meters along the route for each alternative alignment.

4. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

Alternative:

Size of the activity:

Alternative A1³ (preferred activity alternative)

40 000m ²
m ²
m ²

Alternative A2 (if any)

Alternative A3 (if any)

or,

for linear activities:

Length of the activity:

Alternative:

³ "Alternative A.." refer to activity, process, technology or other alternatives.

Alternative A1 (preferred activity alternative)

	m
	m
	m

Alternative A2 (if any)

Alternative A3 (if any)

Indicate the size of the alternative sites or servitudes (within which the above footprints will occur):

Size of the site/servitude:

Alternative:

Alternative A1 (preferred activity alternative)

	m ²
	m ²
	m ²

Alternative A2 (if any)

Alternative A3 (if any)

5. SITE ACCESS

Does ready access to the site exist?

YES	NO
300m	

If NO, what is the distance over which a new access road will be built

Describe the type of access road planned:

The road access type will be left hand in and right hand out alongside R81 road

Include the position of the access road on the site plan and required map, as well as an indication of the road in relation to the site.

6. SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as Appendix A to this document.

The site or route plans must indicate the following:

- 6.1 the scale of the plan which must be at least a scale of 1:500;
- 6.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 6.4 the exact position of each element of the application as well as any other structures on the site;
- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 6.6 all trees and shrubs taller than 1.8 metres;
- 6.7 walls and fencing including details of the height and construction material;
- 6.8 servitudes indicating the purpose of the servitude;

- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
 - rivers;
 - the 1:100 year flood line (where available or where it is required by Department of Water Affairs);
 - ridges;
 - cultural and historical features;
 - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 6.10 for gentle slopes the 1 metre contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- 6.11 the positions from where photographs of the site were taken.

7. SITE PHOTOGRAPHS

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under Appendix B to this form. It must be supplemented with additional photographs of relevant features on the site, if applicable.

8. FACILITY ILLUSTRATION

A detailed illustration of the activity must be provided at a scale of 1:200 as Appendix C for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

11. ACTIVITY MOTIVATION

9(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?	R 25 000 000
What is the expected yearly income that will be generated by or as a result of the activity?	R 80 200.00
Will the activity contribute to service infrastructure?	YES NO
Is the activity a public amenity?	YES NO
How many new employment opportunities will be created in the development phase of the activity?	40
What is the expected value of the employment opportunities during the development phase?	R 360 000.00
What percentage of this will accrue to previously disadvantaged individuals?	80%
How many permanent new employment opportunities will be created during the operational phase of the activity?	30
What is the expected current value of the employment opportunities during the first 10 years?	R 12 000 000
What percentage of this will accrue to previously disadvantaged individuals?	80%

9(b) Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

- There are currently no filling stations on the R81 road from Munnik (location of a filling station) leading to Ga-Sekgopo and other surrounding villages with the nearest filling being 21km on a different road (R36) Mooketsi village. Henceforth, the Regional Road R81 road offers a convenient and/ or desirable location for commuters to stop at the proposed filling station, refuel and utilize the convenience shopping Centre.
- Alternatively, potential clients will visit the filling station because it is in close proximity to their homes and the availability of services such as an ATM and convenience stores is a popular demand among consumers.
- There is high traffic that uses R81 road which will require the service of the filling station as it is the road that leads to Giyani from Polokwane and vice versa.

NEED:			
i.	Was the relevant municipality involved in the application?	YES	NO
ii.	Does the proposed land use fall within the municipal Integrated Development Plan?	YES	NO
iii.	If the answer to questions 1 and / or 2 was NO, please provide further motivation / explanation:		

DESIRABILITY:			
i.	Does the proposed land use / development fit the surrounding area?	YES	NO
ii.	Does the proposed land use / development conform to the relevant structure plans, Spatial development Framework, Land Use Management Scheme, and planning visions for the area?	YES	NO
iii.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	YES	NO
iv.	If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:		
v.	Will the proposed land use / development impact on the sense of place?	YES	NO
vi.	Will the proposed land use / development set a precedent?	YES	NO
vii.	Will any person's rights be affected by the proposed land use / development?	YES	NO
viii.	Will the proposed land use / development compromise the "urban edge"?	YES	NO

ix.	If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.

BENEFITS:			
i.	Will the land use / development have any benefits for society in general?	YES	NO
ii.	Explain: <ul style="list-style-type: none"> • The Regional R81 road Munnik Filling Stations will bring about positive benefits, based on the circumstance that there are no filling stations in the main road towards the area and surrounding villages. • The proposed development will bring convenience to the community which before had to travel long distance to get their basic needs through convenience store and provision of ATM through the operation of a proposed development. • The proposed land use will create employment opportunities for the local community. • At present the study area comprises of exposed soils that often cause dust pollution during the windy season. The exposed areas will eventually cause soils degradation, erosion, siltation and water pollution. • Such environmental impacts could be far reaching and are not only limited to the study area. The proposed development will address the current problem. 		
iii.	Will the land use / development have any benefits for the local communities where it will be located?	YES	NO
iv.	Explain: <ul style="list-style-type: none"> • Potential clients will visit filling stations because they will be in close proximity to their homes and the ATM and convenience store is a popular demand and need among consumers. • The proposed land use will create employment opportunities for the local residents in close proximity to their homes. • The employment opportunities will also open opportunities for employees to augment their skills in the workplace. • At present the study area comprises of exposed soils that often because dust 		

	<p>pollution during the windy season. The exposed areas will eventually cause soils degradation, erosion, siltation and water pollution. Such environmental impacts could be far reaching and are not only limited to the study area. The proposed development will address the current problem.</p>
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10. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

Title of legislation, policy or guideline:	Administering authority:	Date:
National Environmental Management Act, 1998 (Act No.107 of 1998) Environmental Impact Assessment (EIA) Regulations and associated Listing Notices.	National Department of Environmental Affairs and Provinces.	2010 (Amended in 2014).
National Environmental Management: Air Quality Act, 2004 (Act No.39 of 2004).	DEA, Provinces and Municipalities	2004
National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003)	National Department of Environmental Affairs.	2003
National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)	National Department of Environmental Affairs.	2004
National Environmental Management: Waste Act, 2008 (Act 59 of 2008)	National Department of Environmental Affairs and all Provinces	2008
The Development Facilitation Act, 1995 (Act No. 67 of 1995)	National Department of Rural Development and Land Reform	1995
The National Water Act, 1998 (Act No.36 of 1998)	National Department of Water and Sanitation	1998
The National Heritage Resources Act, 1999 (Act 25 of 1999) (NHRA)	National Department of Arts and Culture	1999
The Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983)	National Department of Agriculture, Forestry and Fisheries	1983
Greater Letaba Local Municipality Spatial Development Framework (SDF)	Greater Letaba Local Municipality	2017

11. WASTE, EFFLUENT, EMISSION AND NOISE MANAGEMENT

11(a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES	NO
The amount of waste will be known and made available during construction phase.	

If yes, what estimated quantity will be produced per month?

How will the construction solid waste be disposed of (describe)?

All solid waste generated during the construction phase will be placed in bulk waste collection area in the construction camp. Litter collection bins will be provided within the construction site not far from each other and will be regularly be disposed. Separation of waste and recycling of paper, glass, cardboards, etc. must be a priority. There will be no burning of waste on site and construction materials that will not be used will be taken out once construction comes to an end. Rocks and earth excavated from the site where the USTs will be located shall be packed around the USTs if regarded suitable by the Geotechnical Engineer for the project.

Where will the construction solid waste be disposed of (describe)?

All construction solid waste will be disposed of at the nearest registered landfill site. There will be an agreement between an applicant and municipality to deposit waste at a registered municipality site.

Will the activity produce solid waste during its operational phase?

If yes, what estimated quantity will be produced per month?

YES	NO
The estimation will be determined during the first operational phase of the project.	

How will the solid waste be disposed of (describe)?

Different kinds of Waste will be produce during the operational phase of the filling stations of which the petroleum based waste will be of magnitude concern. Both Filling Stations will have the following disposal methods:

- Hazardous materials that require disposal will be disposed of at a registered hazardous landfill site. These materials may be removed by an appropriate hazardous waste contractor.
- Domestic type waste collection on site will be disposed in appropriate waste receptacle and removal of a registered landfill site.

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

Solid waste will be deposited at a registered landfill site or be taken to a municipal waste stream provided a service agreement with Greater Letaba Local Municipality is reached

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, then the applicant should consult with the department to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES	NO
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If yes, inform the department and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment facility?

YES	NO
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If yes, then the applicant should consult with the Department to determine whether it is necessary to change to an application for scoping and EIA.

In terms of recycling and re-using of solid waste, frequent communication between the different contractors on the proposed development will ensure optimum reuse and recycling of materials where possible. Furthermore, it is proposed that all waste construction materials be organized into recyclable and non-recyclable materials. The recyclable materials should be re-used where ever possible or collected by a recycling company.

11(b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES	NO
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If yes, what estimated quantity will be produced per month?

m ³

Will the activity produce any effluent that will be treated and/or disposed of on site?

Yes	NO
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If yes, the applicant should consult with the Department to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES	NO
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If yes, provide the particulars of the facility:

Facility name:		
Contact person:		
Postal address:		
Postal code:		
Telephone:	Cell:	
E-mail:	Fax:	

Describe the measures that will be taken to ensure the optimal reuse or recycling of waste water, if any:

Recyclable waste management for filling stations will include the following during operational phase:

- The site must have a concrete surface as it must be under roof (for protection against rain, storm water runoff and fire)
- The site must be accessible for collection vehicles.
- An appropriate area where waste can be sorted and stored for collection must be identified.

A dedicated worker must be trained in the recycling of waste to ensure effective recycling of relevant materials.

11(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

The major sources of air pollution associated with the proposed filling station will be the exhaust fumes from motor vehicles and trucks as well as the emissions from the tank vent pipes. Considering the extent of this project in relation to its environment, we can state that the proposed filling station will not significantly contribute to air pollution and health concerns in the macro area. We therefore suggest that a detailed Air Quality Study would not be necessary.

We therefore however advise that it should be noted that vapour emissions produced by fuel can be hazardous to human health. These emissions could potentially occur during the filling of Underground Storage Tanks from the breather pipes, during dispensing of fuel and minor spillages. Legal requirements as prescribed by the Department of Labour should be implemented, which generally includes Personally Protective Equipment (PPEs).

11(d) Generation of noise

Will the activity generate noise?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

N/A

12. WATER USE

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box(es)

<input type="checkbox"/> municipal	<input type="checkbox"/> water board	<input type="checkbox"/> groundwater	<input type="checkbox"/> river, stream, dam or lake	<input type="checkbox"/> other	<input type="checkbox"/> the activity will not use water
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If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate

the volume that will be extracted per month:

Litres	
YES	NO

Does the activity require a water use permit from the Department of Water Affairs?

If yes, please submit the necessary application to the Department of Water Affairs and attach proof thereof to this application if it has been submitted.

13. ENERGY EFFICIENCY

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

Design measures will completely be Environmental friendly. The following measures will be taken into account:

- The architectural design will ensure that there will be a proper natural flow of air into and outside of the building occurs deliberately as ventilation.
- Proper insulation of the ceilings is required because as much as 50% of heat losses in a building can be attributed to a lack of ceilings and ceiling insulation, this will significantly reduce heating and cooling expenses.

Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

Geysers

- Hot water pipes must be insulated to prevent heat loss. ☐ Solar heaters must be the first option considered as they can conserve energy; this can be strengthening through gas or electrical geysers.
- Installing a geyser blanket and hot water storage tanks will reduce the amount of heat lost by geysers.

Air Conditioners

- Energy efficient air conditioners must be purchased and used.
- The outdoor cooling units must not be directly to the sun.

Power Supply

- Conservation of energy or the usage of renewal and sustainable energy technology must be a priority. This can be in the form of solar panels that generate and store electricity.

Cooking and Refrigerator

- It is encouraged for the convenience store to implement the usage of gas appliance for cooking and other requirements.
- Convection ovens must be installed as they use less energy than conventional ovens and cooking time is substantially reduced.
- Every hazardous material that is stored must comply with OHSA.

Lighting

- Compact fluorescent light bulbs are recommended as compared to ordinary light bulbs as they also assist for security purpose too.

SECTION B: SITE/AREA/PROPERTY DESCRIPTION

Important notes:

1. For linear activities (pipelines, etc) as well as activities that cover very large sites, it may be necessary to complete this section for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area, which is covered by each copy No. on the Site Plan.

Section C Copy No.
(e.g. A):

2. Paragraphs 1 - 6 below must be completed for each alternative.

3. Has a specialist been consulted to assist with the completion of this section?

YES	NO
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If YES, please complete the form entitled "Details of specialist and declaration of interest" for each specialist thus appointed:

All specialist reports must be contained in Appendix D.

Property description/physical address:

Helpmalkaar 819 LS remaining extent of portion 2 and Uitspanning 820 LS along R81 Munnik, Greater Letaba Local Municipality in Limpopo Province.

(Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.

In instances where there is more than one town or district involved, please attach a list of towns or districts to this application.

Current land-use zoning:

Agriculture

In instances where there is more than one current land-use zoning, please attach a list of current land use zonings that also indicate which portions each use pertains to, to this application.

Is a change of land-use or a consent use application required?

YES	NO
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Must a building plan be submitted to the local authority?

YES	NO
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Locality map:

An A3 locality map must be attached to the back of this document, as Appendix A. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map.) The map must indicate the following:

- an indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and
- a north arrow;
- a legend; and
- locality GPS co-ordinates (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection)

1. GRADIENT OF THE SITE

Indicate the general gradient of the site.

Alternative S1:

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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Alternative S2 (if any):

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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Alternative S3 (if any):

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site:

2.1 Ridgeline		2.6 Plain	
2.2 Plateau		2.7 Undulating plain / low hills	
2.3 Side slope of hill/mountain	✓	2.8 Dune	
2.4 Closed valley		2.9 Seafront	
2.5 Open valley			

3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on any of the following (tick the appropriate boxes)?

	Alternative S1:		Alternative S2 (if any):		Alternative S3 (if any):	
Shallow water table (less than 1.5m deep)	YES	NO	YES	NO	YES	NO
Dolomite, sinkhole or doline areas	YES	NO	YES	NO	YES	NO
Seasonally wet soils (often close to water bodies)	YES	NO	YES	NO	YES	NO
Unstable rocky slopes or steep slopes with loose soil	YES	NO	YES	NO	YES	NO
Dispersive soils (soils that dissolve in water)	YES	NO	YES	NO	YES	NO
Soils with high clay content (clay fraction more than 40%)	YES	NO	YES	NO	YES	NO
Any other unstable soil or geological feature	YES	NO	YES	NO	YES	NO
An area sensitive to erosion	YES	NO	YES	NO	YES	NO

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted).

4. GROUND COVER

Indicate the types of groundcover present on the site:

The location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Natural veld - good condition ^E	Natural veld with scattered aliens ^E	Natural veld with heavy alien infestation ^E	Veld dominated by alien species ^E	Gardens
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil

If any of the boxes marked with an “E” is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn’t have the necessary expertise.

5. LAND USE CHARACTER OF SURROUNDING AREA

Indicate land uses and/or prominent features that does currently occur within a 500m radius of the site and give description of how this influences the application or may be impacted upon by the application:

5.1 Natural area	<input checked="" type="checkbox"/>	5.22 School	
5.2 Low density residential	<input type="checkbox"/>	5.23 Tertiary education facility	
5.3 Medium density residential	<input type="checkbox"/>	5.24 Church	
5.4 High density residential	<input type="checkbox"/>	5.25 Old age home	
5.5 Medium industrial ^{AN}	<input type="checkbox"/>	5.26 Museum	
5.6 Office/consulting room	<input type="checkbox"/>	5.27 Historical building	
5.7 Military or police base/station/compound	<input type="checkbox"/>	5.28 Protected Area	
5.8 Spoil heap or slimes dam ^A	<input type="checkbox"/>	5.29 Sewage treatment plant ^A	
5.9 Light industrial	<input type="checkbox"/>	5.30 Train station or shunting yard ^N	
5.10 Heavy industrial ^{AN}	<input type="checkbox"/>	5.31 Railway line ^N	
5.11 Power station	<input type="checkbox"/>	5.32 Major road (4 lanes or more)	
5.12 Sport facilities	<input type="checkbox"/>	5.33 Airport ^N	
5.13 Golf course	<input type="checkbox"/>	5.34 Harbour	
5.14 Polo fields	<input type="checkbox"/>	5.35 Quarry, sand or borrow pit	
5.15 Filling station ^H	<input type="checkbox"/>	5.36 Hospital/medical centre	
5.16 Landfill or waste treatment site	<input type="checkbox"/>	5.37 River, stream or wetland	
5.17 Plantation	<input type="checkbox"/>	5.38 Nature conservation area	
5.18 Agriculture	<input type="checkbox"/>	5.39 Mountain, koppie or ridge	
5.19 Archaeological site	<input type="checkbox"/>	5.40 Graveyard	
5.20 Quarry, sand or borrow pit	<input type="checkbox"/>	5.41 River, stream or wetland	
5.21 Dam or Reservoir	<input type="checkbox"/>	5.42 Other land uses (describe)	

If any of the boxes marked with an "N" are ticked, how will this impact / be impacted upon by the proposed activity?

--

If any of the boxes marked with an "An" are ticked, how will this impact / be impacted upon by the proposed activity?

If YES, specify and explain:	
If NO, specify:	

If any of the boxes marked with an "H" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:	
If NO, specify:	

6. CULTURAL/HISTORICAL FEATURES

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including

YES	NO
Uncertain	

Archaeological or palaeontological sites, on or close (within 20m) to the site?

If YES, explain:

--

If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.

Briefly explain the findings of the specialist:

To be conducted

Will any building or structure older than 60 years be affected in any way?

YES	NO
YES	NO

Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?

If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.

SECTION C: PUBLIC PARTICIPATION

1. ADVERTISEMENT

The person conducting a public participation process must take into account any guidelines applicable to public participation as contemplated in section 24J of the Act and must give notice to all potential interested and affected parties of the application which is subjected to public participation by—

- (a) fixing a notice board (of a size at least 60cm by 42cm; and must display the required information in lettering and in a format as may be determined by the department) at a place conspicuous to the public at the boundary or on the fence of—
 - (i) the site where the activity to which the application relates is or is to be undertaken; and
 - (ii) any alternative site mentioned in the application;
- (b) giving written notice to—

- (i) the owner or person in control of that land if the applicant is not the owner or person in control of the land;
 - (ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iii) owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
 - (v) the municipality which has jurisdiction in the area;
 - (vi) any organ of state having jurisdiction in respect of any aspect of the activity; and
 - (vii) any other party as required by the department;
- (c) placing an advertisement in—
- (i) one local newspaper; or
 - (ii) any official *Gazette* that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;
- (d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the local municipality in which it is or will be undertaken: Provided that this paragraph need not be complied with if an advertisement has been placed in an official *Gazette* referred to in subregulation 54(c)(ii); and
- (e) using reasonable alternative methods, as agreed to by the department, in those instances where a person is desiring of but unable to participate in the process due to—
- (i) illiteracy;
 - (ii) disability; or
 - (iii) any other disadvantage.

In terms of the Guideline Document for Environmental Impact Assessment Regulations promulgated in terms NEMA, Stakeholders and I&AP's were notified of the Environmental Evaluation Process as follows:

- Site notices were erected (at prominent points on and around the study area) on 15 February 2018;
- Landowners and occupants were notified via email communication; kindly note that Landowner is an applicant.
- Landowners and occupants of land within a 100 meters' radius of the boundary of the property and who may be directly affected by the proposed activity and the applicant's intention to submit an application to the competent authority were informed;
- Notices regarding the project were further e-mailed, and sent via registered mail to a list of interested and affected parties and the councilors in the area that registered for the project;
- An advertisement was placed in the Capricorn Voice Newspaper on 28 February 2018;

- A list of all persons, organizations' and organs of state that were registered as interested and affected parties in relation to the application are attached as Proof of Advertisement;
- The following institutions and organs of state were also identified as I&AP's and added to the register of the I&AP's:
 - Council for Geosciences (CGS);
 - Department of Water and Sanitation (DWS);
 - South African Heritage Resources Agency (SAHRA);
 - Makgato Communal Property Association;
 - Origins Town Planners.

2. CONTENT OF ADVERTISEMENTS AND NOTICES

A notice board, advertisement or notices must:

- (a) indicate the details of the application which is subjected to public participation; and
- (b) state—
 - (i) that the application has been submitted to the department in terms of these Regulations, as the case may be;
 - (ii) whether basic assessment or scoping procedures are being applied to the application, in the case of an application for environmental authorisation;
 - (iii) the nature and location of the activity to which the application relates;
 - (iv) where further information on the application or activity can be obtained; and
 - (v) the manner in which and the person to whom representations in respect of the application may be made.

The Advertisements and notices indicated that an application will be submitted to the competent authority in terms of the NEMA regulations, the nature and location of the activity, where further information regarding the proposed activity can be obtained and the manner in which representations in respect of the application can be made.

(Refer to Annexure E for the Public Participation Section)

3. PLACEMENT OF ADVERTISEMENTS AND NOTICES

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the department in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of these Regulations.

Advertisements and notices must make provision for all alternatives.

Given the localized impact of the proposed activity, a newspaper notice was placed in the Capricorn Voice Newspaper, indicating that an application will be submitted to the Competent Authority in terms of these Regulations, the nature and location of the activity, where further information regarding the proposed activity can be obtained and the manner in which representations in respect of the application can be made. Refer to Appendix E1 and E2 for the Site Notice and the Written Notice.

4. DETERMINATION OF APPROPRIATE MEASURES

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the department to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

5. COMMENTS AND RESPONSE REPORT

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in these Regulations and be attached to this application. The comments and response report must be attached under Appendix E.

A summary of the issues raised by the Interested and Affected Parties, are illustrated in a Comments & Issues Register, and attached as Appendix E5.

6. AUTHORITY PARTICIPATION

Please note that a complete list of all organs of state and or any other applicable authority with their contact details must be appended to the basic assessment report or scoping report, whichever is applicable.

Authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input.

Name of Authority informed:	Comments received (Yes or No)
Council of Geoscience	No
Department of Water and Sanitation	No
Greater Letaba Local Municipality	Yes
SANRAL	No
Department of Agriculture	No
SAHRA	No
Makgato Communal Property Association	Yes

7. CONSULTATION WITH OTHER STAKEHOLDERS

Note that, for linear activities, or where deviation from the public participation requirements may be appropriate, the person conducting the public participation process may deviate from the requirements of that subregulation to the extent and in the manner as may be agreed to by the department.

Proof of any such agreement must be provided, where applicable.

Has any comment been received from stakeholders?

YES	NO
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If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

Greater Letaba Local Municipality

Greater Letaba Local Municipality (Environmental Unit) has conducted Environmental Assessment for the above mentioned project on 5 February 2018 and the following recommendations and comments were made:

- Ensure that noise is controlled during construction period.
- Demolished bunding rubble must fill all the dongas of the roads and used on the site for filling.
- Solid waste must be disposed inside the dust bins to prevent littering.
- Hazardous waste such as oil, relevant chemicals that will be used during the construction, must be disposed in a safe manner to prevent ground water contamination.
- Vegetation must be cleared properly to avoid disturbance of protected species .i.e. indigenous species.
- Construct Septic tank for disposing Sewer to prevent sewer to flow inside the rivers and valleys.

GLM will appreciate it if the recommendations can be considered to keep the environment clean.

Other issues/ comments that were raised by Interested and Affected Parties following the release of the notice and prior to the release of this Draft Basic Assessment Report can be seen in the comments and responses report with is attached as Appendix E.

The Comments and Response Report (CRR) following the release of the Draft Basic Assessment Report will form part of the Final BAR.

Limpopo Department of Rural Development and Land Reform

Remaining Extent of Portion 2 of Helpmalkaar 819 LS

Kindly note that there is a restitution land claim lodged prior 1998 on the property appearing on your email. The land claim was lodged by Seggopo community and it is still in negotiations.

Uitspanning 820 LS

We confirm that as at the date of this letter no land claims appear on our database in respect of the property. This includes the database for claims lodged by 31 December 1998 and those lodged between 1 July 2014 and 27 July 2016 in terms of the Restitution of Land Rights Amendment Act, 2014

SECTION D: IMPACT ASSESSMENT

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2014, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

1. ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the main issues raised by interested and affected parties.

Greater Letaba Local Municipality

- Ensure that noise is controlled during construction period.
- Demolished bunding rubble must fill all the dongas of the roads and used on the site for filling.
- Solid waste must be disposed inside the dust bins to prevent littering.
- Hazardous waste such as oil, relevant chemicals that will be used during the construction, must be disposed in a safe manner to prevent ground water contamination.
- Vegetation must be cleared properly to avoid disturbance of protected species .i.e. indigenous species.
- Construct Septic tank for disposing Sewer to prevent sewer to flow inside the rivers and valleys.

Makgato Communal Property Association

We have put the claim in both farms in 1994, it comes with the surprise when there are some companies and trust obtains title deeds. We are very concern and we need clarity before any development can start.

Sekgopo CPA

Objection of the proposed development on the farm Helpmalkaar 819LS and Uitspanning 820LS Located in Munnik alongside R81 Road.

- We have resolved to object the proposed development based on the following reasons:
 - ✓ The farm Helpmalkaar 819LS and Uitspanning 820LS are under our Claim reference KRP1924 and are in the process of finality as they were gazette and confirmed to be a land where we have been forcefully removed.
 - ✓ The proposed development will disturb the claim process if done prior finalization of the claim.
- We therefore make a submission to you to object this proposed development pending our land claim.

Origin town planning

- We hereby confirm that we act for one of our clients, being registered land owner of a property in close proximity to the above mentioned properties, and further confirm that our clients' interests might be affected by the intended development.
- We hereby formally request to be listed as interested and affected party. We further kindly request that the draft document be made available as soon as it is ready or, alternatively, that we be informed of where such documentation could be perused

Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report as Annexure E):

Responses have been noted on the comments and response report attached on this Draft Bar as Annexure E

2. IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN, CONSTRUCTION, OPERATIONAL, DECOMMISSIONING AND CLOSURE PHASES AS WELL AS PROPOSED MANAGEMENT OF IDENTIFIED IMPACTS AND PROPOSED MITIGATION MEASURES

List the potential direct, indirect and cumulative property/activity/design/technology/operational alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, construction phase, operational phase, decommissioning and closure phase, including impacts relating to the choice of site/activity/technology alternatives as well as the mitigation measures that may eliminate or reduce the potential impacts listed.

ENVIRONMENTAL IMPACT DETERMINATION AND EVALUATION

Impact assessment must take account of the nature, scale and duration of effects on the environment, whether such effects are positive (beneficial) or negative (detrimental). Each issue / impact is also assessed according to the project stages from planning, through construction and operation to the decommissioning phase. Where necessary, the proposal for mitigation or optimisation of an impact is noted. A brief discussion of the impact and the rationale behind the assessment of its significance is provided in this Section. The EIA of the project activities is determined by identifying the environmental aspects and then undertaking an environmental risk assessment to determine the significant environmental aspects.

The environmental Impact Assessment is focussed on the following phases:

- Planning/Designing Phase
- Construction Phase
- Operational Phase
- Decommissioning Phase

Assessment of Potential Impacts

The assessment of impact significance is based on the following conventions:

Nature of Impact - this reviews the type of effect that a proposed activity will have on the environment and should include “what will be affected and how?”

Spatial Extent - this should indicate whether the impact will be:

- Site specific;
- Local (<2 km from site);
- Regional (within 30 km of site); or
- National.

Duration - The timeframe during which (lifetime of) the impact will be experienced:

- Temporary (less than 1 year);
- Short term (1 to 6 years);
- Medium term (6 to 15 years);
- Long term (the impact will cease after the operational life of the activity); or
- Permanent (mitigation will not occur in such a way or in such a time span that the impact can be considered transient).

Intensity - it should be established whether the impact is destructive or innocuous and should be described as either:

- High (severe alteration of natural systems, patterns or processes such that they temporarily or permanently cease);
- Medium (notable alteration of natural systems, patterns or processes; where the environment continues to function but in a modified manner); or
- Low (negligible or no alteration of natural systems, patterns or processes); can be easily avoided by implementing appropriate mitigation measures, and will not have an influence on decision-making.

Probability - this considers the likelihood of the impact occurring and should be described as:

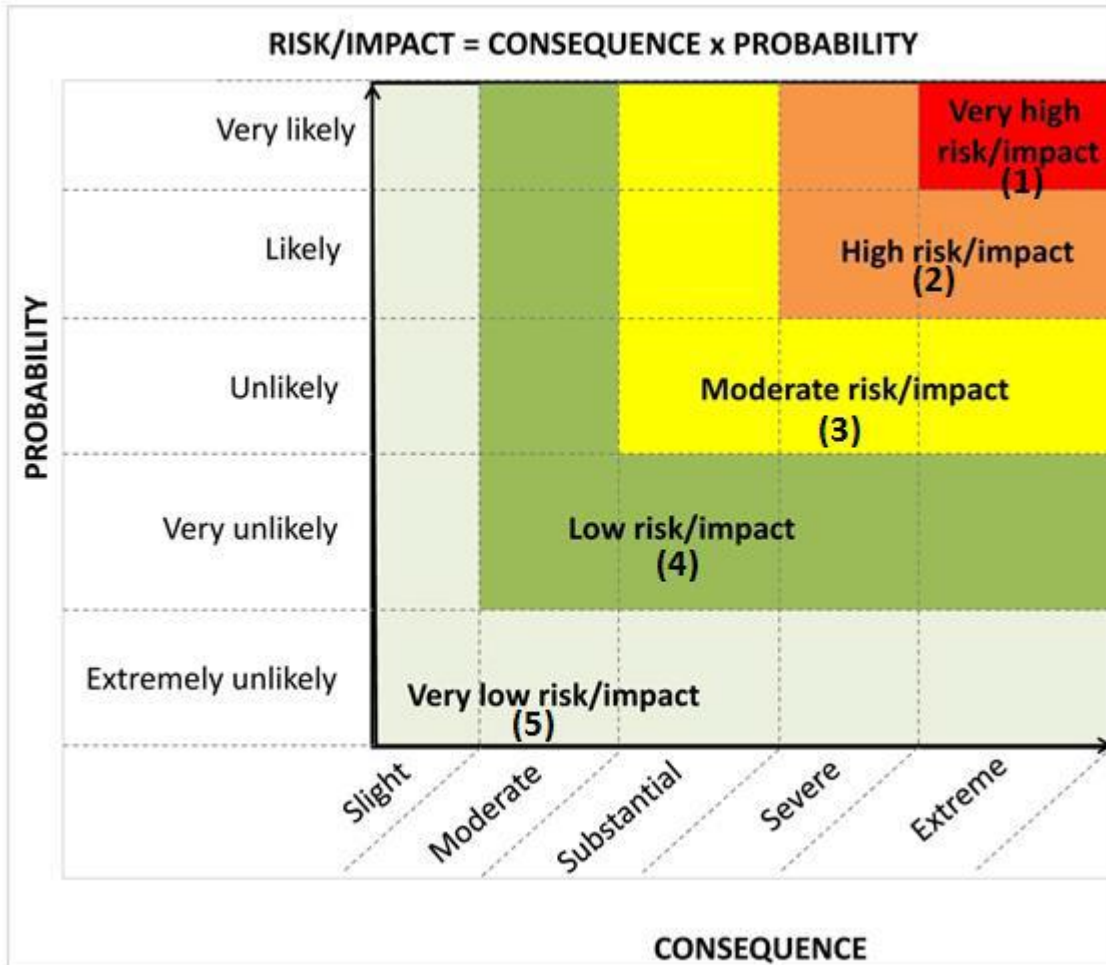
- Improbable (little or no chance of occurring);
- Probable (<50% chance of occurring);
- Highly probable (50 – 90% chance of occurring); or
- Definite (>90% chance of occurring).

Reversibility - this considers the degree to which the adverse environmental impacts are reversible or irreversible. For example, an impact will be described as low should the impact have little chance of being rectified to correct environmental impacts. On the other hand, an impact such as the nuisance factor caused by noise impacts from wind turbines can be considered to be highly reversible at the end of the project lifespan. The assessment of the reversibility of potential impacts is based on the following terms:

- High - impacts on the environment at the end of the operational life cycle are highly reversible;
- Moderate - impacts on the environment at the end of the operational life cycle are reasonably reversible;
- Low - impacts on the environment at the end of the operational life cycle are slightly reversible; or
- Non-reversible - impacts on the environment at the end of the operational life cycle are not reversible and are consequently permanent.

Irreplaceability - this reviews the extent to which an environmental resource is replaceable or irreplaceable. For example, if the proposed project will be undertaken on land that is already transformed and degraded, this will yield a low irreplaceability score; however, should a proposed development destroy unique wetland systems for example, these may be considered irreplaceable and thus be described as high. The assessment of the degree to which the impact causes irreplaceable loss of resources is based on the following terms:

- High irreplaceability of resources (this is the least favourable assessment for the environment);
- Moderate irreplaceability of resources;
- Low irreplaceability of resources; or
- Resources are replaceable (this is the most favourable assessment for the environment).



Guide to assessing risk/impact significance as a result of consequence and probability.

The status of the impacts and degree of confidence with respect to the assessment of the significance is stated as follows:

Status of the impact: A description as to whether the impact will be:

- Positive (environment overall benefits from impact);
- Negative (environment overall adversely affected); or
- Neutral (environment overall not affected).

Description and ratings of different Impact Criteria [Rating (Score)]

Criteria	Description				
Nature (A brief written statement of the environment aspect being impacted upon by a particular activity or action.)	Direct	Indirect	Cumulative		
Status (The perceived effect of the impact on the affected area.)	Negative	Positive	Neutral		
Spatial Extent	National (4): The Whole of South Africa	Regional (3): Provincial and Parts of neighbouring provinces	Local (2): Within a radius of 2 km of the construction site	Site (1): Within the construction site	
Duration	Permanent: This impact is irreversible. Mitigation will not occur in such a way Or in such a time span that the impact can be considered transient	Long term (>15 years): The impacts will cease after the operational life of the activity. The impact is reversible with the implementation of appropriate mitigation and management actions.	Medium Term (6 to 15 years): The impact is reversible with the implementation of appropriate mitigation and management actions.	Short term (2 to 6 years): This impact is reversible.	Temporary (less than 2 years): or period of the construction period. The impact is fully reversible.
Potential Impact Intensity (Negative)	Very High/Fatal Flaw (16): Potential to severely impact human health, or lead to loss of species	High (8): potential to reduce fauna/flora population or to lead to severe reduction/alteration of natural process, loss of	Medium (4): Potential to reduce environmental quality; air, soil, water. Potential loss of habitat, loss of	Medium-Low (2): Nuisance	Low (1): Negative change, with no other consequence

		livelihood/severe impact on quality of life, individual economic loss	heritage, amenity	reduce	
Potential Impact Intensity (Positive)	High (8): Potential Net improvement in human welfare	Medium (4): Potential to improve environmental quality; air, soil, water. Improved livelihoods	Medium-Low(2): Potential to lead to Economic Development	Low (1): Potential positive change- with no other consequences	
Reversibility	Irreversible	High	Moderate	Low	
Irreplaceability of Impact Resource	High	Moderate	Low	Replaceable	
Probability	Definite (1): >90% chance of occurring	Highly Probable (0.5): 50-90% chance of occurring	Probable (0.25): 10-25% chance of occurring	Improbable (0.1): Little or no chance of occurring < 10%)	
Rating of Overall Impact Significance	Fatally flawed (18-26): The project cannot be authorised unless major changes to the engineering design are carried out to reduce the significance rating	High (10-17): The impacts will result in major alterations to the environment even with the implementation on the appropriate mitigation measures and will have an influence on decision-making.	Medium (5-9): The impact will result in moderate alteration of the environment and can be reduced or avoided by implementing the appropriate mitigation measures, and will only have an influence on the decision-making if not mitigated	Low (<5): The Impact may result in moderate alteration of the environment and can be reduced or avoided by implementing appropriate mitigation measures, and will not have an influence of decision-making.	

Overall impact significance is calculated as:

Impact significance = Impact magnitude X Impact probability, where:

Impact magnitude = Potential impact intensity + Impact Duration + Impact extent

The suitability and feasibility of all the proposed mitigation measures will be included in the assessment of significant impacts. This will be achieved through the comparison of the significance of the impact before and after the proposed mitigation measures is implemented. Mitigation measures identified as necessary will be included in an EMP.

Potential Impacts and Significance

The following sections will provide a description of the potential impacts as identified by the specialists, EAP and through the PPP as well as the assessment according to the criteria described in the above table. All potential impacts associated with the proposed development through the planning, construction, operation and decommissioning of the development life-cycle have been considered and assessed in the following sections.

Note from Mmadibuke Consulting & Projects: Feasibility site alternatives (i.e. location and property alternatives) do not exist for the proposed project. The No-Go alternatives will be considered.

Alternative (preferred alternative)

Design/Planning Phase

IDENTIFIED IMPACTS- PLANNING PHASE

IMPACT	SIGNIFICANCE RATING OF IMPACT BEFORE MITIGATION	PROPOSED MITIGATION	SIGNIFICANCE RATING OF IMPACT AFTER MITIGATION
Direct Impacts			
Poor Design- Structural failures	High (Negative)	Ensure compliance with the industry standards	Low (Negative)
Indirect Impacts			
Disregard of legislative requirement	High (Negative)	Ensure compliance with relevant legislation and legal standards	Low (Negative)

Construction Phase

IDENTIFIED IMPACTS- CONSTRUCTION PHASE

IMPACT	SIGNIFICANCE RATING OF IMPACT BEFORE MITIGATION	PROPOSED MITIGATION	SIGNIFICANCE RATING OF IMPACT AFTER MITIGATION
Direct Impacts			
Loss if terrestrial vegetation and faunal habitat.	Medium (Negative)	<ul style="list-style-type: none"> • Maintain the viability of the indigenous seed bank in excavated soil so that it can be used for subsequent re-vegetation of any disturbed areas. • Prevent impact of construction activities to extend on to neighbouring land- demarcated and fenced construction camp; strict control of labourers. • Avoid unnecessary loss of indigenous trees. 	Low (Negative)

Disturbance of fauna and flora communities	Medium (Negative)	<ul style="list-style-type: none"> • Appropriately deal with fauna encountered on site. • Limit indiscriminate killing, persecution or hunting of fauna and Flora • Adhere to law and best practice guidelines regarding the displacement and relocation of CI fauna 	Low (Negative)
Increased risk of dust and erosion from clearing of vegetation and earth moving vehicles	Medium (Negative)	<ul style="list-style-type: none"> • All vehicles must be along existing lines or tracks. • Erosion protection measures must be implemented on the site to reduce erosion and sedimentation of the receiving environment. Measures could include: <ul style="list-style-type: none"> Sediment traps Sandbags Bunding around soil stockpiles. • Adequate dust control strategies should be applied to minimise dust disposition, they can include periodic spraying of roads with water, cover trucks to prevent dust emission during transportation. 	

<p>Increased risk of spillages associated with construction activities, maintenance and repair of vehicles</p>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> • Regularly check vehicles, machineries and equipment operating on site to ensure that none have leaks or cause spills of oil, diesel, grease or hydraulic fluid. • Emergency incident reporting and remedial measures must be in place. • Small oil spills must be cleaned immediately with an oil spill kit. • Drip trays should be used during the servicing of vehicles. The content thereof must be disposed in accordance with relevant hazardous material disposal requirement. • Measures to contain spills must be readily available on site (Spill Kits). • All hazardous substance spills must be reported to the contractor and the ECO to be recorded and investigated. 	<p>Low (Negative)</p>
<p>Increased risk for soil, groundwater pollution resulting from poor waste management</p>	<p>Medium (Negative)</p>	<p>Waste on site shall be strictly controlled and monitored. Only approved waste disposal methods shall be allowed and it includes the following:</p> <ul style="list-style-type: none"> • <u>Topsoil</u>- Topsoil must be spread unto areas that are to be grassed on site. • <u>Material</u>- Landfilled, spoiled in closed borrowed pit with permission from landowner or the pit owner. 	<p>Low (Negative)</p>

		<ul style="list-style-type: none"> • <u>General Construction Waste</u>- Must be removed from bins at sufficient intervals to prevent overflow. This waste must be stored in skips within a designated waste storage area in the Contractor's Camp. General waste must be transported to the local municipal General Waste Landfill Site by the Municipality, the Contractor or a private waste disposal Contractor. Service agreements in this regard must be obtained by the Applicant / Contractor prior to the commencement of construction activities. It is recommended that general wastes be separated on site and delivered to appropriate depots for recycling. This would be facilitated by the provision of separate and labelled bins /skips. • <u>Hazardous construction waste</u>- Must be stored in a designated, access controlled, sign posted and bunded storage area. This waste must be collected as and when necessary by an appropriately trained Service Provider and must be transported to a Hazardous Waste Landfill Site for disposal. • Waste must not be buried on site. 	
Potential noise impact from the use of construction equipment (for the	Medium (Negative)	<ul style="list-style-type: none"> • Limit construction activities to day time hours. • Construction personnel must wear personal 	Low (Neutral)

<p>construction of the proposed filling stations and associated infrastructure)</p>		<p>protective equipment where appropriate.</p> <ul style="list-style-type: none"> • All machineries to be utilised on the site must be fitted with muffers and must be maintained in good working conditions in order to minimize noise. • The contractor shall warn all local community that could be affected by the noise generation from construction activities. 	
<p>Increase in stormwater runoff resulting from construction activities</p>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> • To prevent stormwater damage, the increase stormwater runoff resulting from construction activities must be estimated and drainage patterns accessed accordingly. A drainage plan must be submitted to the Engineer for approval. • Temporary cut off drains and berms may be required to capture stormwater and promote infiltration. 	<p>Low (Negative)</p>
<p>Potential health injuries to construction personnel as a result of construction work (i.e. welding fumes. This impact is rated as neutral.</p>	<p>Medium (Neutral)</p>	<p>The contractor must ensure that all construction personnel are provided with adequate PPE for use where appropriate.</p>	<p>Low (Neutral)</p>
<p>Disturbance of Heritage Resources from construction activities.</p>	<p>Low (Negative)</p>	<ul style="list-style-type: none"> • SAHRA must immediately be alerted in case evident or artefacts, paleontological fossils, additional graves or heritage resources are discovered during the course of development. 	<p>Negligible</p>

		<ul style="list-style-type: none"> • All work must cease immediately, if any human remains and/or other archaeological, palaeontological and historical material are uncovered. Such material, if exposed, must be reported to the nearest museum, archaeologist/palaeontologist and to the Mpumalanga Heritage/SAHRA (or the South African Police Services), so that a systematic and professional investigation can be undertaken. Sufficient time should be allowed to remove/collect such material before construction re-commences. 	
Air quality impact: Emissions from construction vehicles and generation of dust as a result of earthworks, demolition, as well as the delivery and mixing of construction materials.	Medium (Negative)	<ul style="list-style-type: none"> • Ensure that cleared (excavated) areas and unpaved surfaces are sprayed with water (obtained from an approved source) to minimise dust generation. • Approved soil stabilisers may be utilised to limit dust generation. • Ensure that construction vehicles travelling on unpaved roads do not exceed a speed limit of 40 km/hour. • Adequate dust control strategies should be applied to minimise dust deposition, for example: Periodic spraying of the entrance road and environmentally-friendly dust control measures (e.g. mulching and wetting) where and when dust is problematic 	Low (Negative)

Indirect Impacts			
<p>Socio-economic Impact: Employment creation and skills development opportunities during the construction phase, which is expected to give rise to approximately 10 new jobs. This impact is rated as positive.</p>	<p>Medium (Positive))</p>	<ul style="list-style-type: none"> • Enhance the use of local labour and local skills as far as reasonably possible. • Where the required skills do not occur locally, and where appropriate and applicable, ensure that relevant local individuals are trained. • Ensure that an equitable percentage allocation is provided for local labour employment as well as specify the use of small-to-medium enterprises and training specifications in the Contractors contract. • Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	<p>High (Positive)</p>
No-go alternative			
<p>Direct Impacts:</p> <ul style="list-style-type: none"> • None of the impacts mentioned above will occur. • The existing site will remain uncleared which will result in no clearance of indigenous vegetation and in addition, no clearance of present alien species. • If the proposed project does not proceed, increased income and economic spin-off activities will not be realised. • If the proposed project does not proceed, motorists and community that rely on the supply of petroleum products will continue to suffer. <p>Indirect Impacts:</p> <p>There are no indirect impacts during the construction phase for the No-go Option.</p> <p>Cumulative Impacts:</p> <p>There are no cumulative impacts during the construction phase for the No-go Option.</p>			

Operational Phase

IDENTIFIED IMPACTS- OPERATIONAL PHASE

IMPACT	SIGNIFICANCE RATING OF IMPACT BEFORE MITIGATION	PROPOSED MITIGATION	SIGNIFICANCE RATING OF IMPACT AFTER MITIGATION
Direct Impacts			
Ground water contamination caused by leaks from the USTs	High (Negative)	<ul style="list-style-type: none"> • The oil / water separator should be regularly checked and kept clean to prevent blockages and overflow. Any material collected must be disposed at an appropriately registered waste disposal site. • Follow acceptable maintenance and operational practices to ensure consistent, effective and safe performance of the infrastructure. • Leak detection facilities must be installed and monitored on an ongoing basis. • All accidental surface spills of oil or fuel must be contained on-site and diverted to the oil /water separator or similar. • Potential impacts to groundwater to be monitored at observation wells. Light non-aqueous phase liquids (LNAPL) to be monitored using an electronic interface meter and groundwater samples collected should a leak be suspected based on the results of leak detection monitoring. Monitoring and sampling 	Low (Negative)

		<p>of groundwater in this instance is to be carried out by a competent practitioner.</p> <ul style="list-style-type: none"> • Solvents used for cleaning USTs may under no circumstances, be allowed to enter stormwater drains, septic tanks (if applicable), or any watercourse (including drainage lines). 	
Land contamination as a result of spillages that could occur during the transfer of petroleum products from road tanker to storage tanker	Medium (Negative)	<ul style="list-style-type: none"> • Measure for emergency reporting and remedy must be provided. • There must be compliance with SABS 089-3, 1999 when the installation of underground storage tanks, pumps/dispensers and pipe work at service stations and consumer installations. • Train forecourt staff on implementation of spillage containment emergency plan, including usage of spill containment kit. 	Low (Negative)
Spillages that could result from vehicles fuelling	Medium	<ul style="list-style-type: none"> • Spillages must be restricted on the forecourt to greatest extent possible. Forecourt spillages are to be directed to an oil / water separator. • Small spills (less than 1 litre) are to be mopped from hardened surfaces immediately to prevent contamination of stormwater runoff. Dry sand or sawdust can be utilised to soak up the spill. Water is not to be used as it will aid in spreading the fuel or oil. 	Low (Negative)

<p>Potential noise impact from diesel trucks, vehicles braking and accelerating; staff of the filling stations could be disruptive</p>	<p>Low (Negative)</p>	<ul style="list-style-type: none"> • Encourage vehicle drivers to switch off their engines when parked at the Fuel Filling Station (i.e. no idling). This will limit engine emissions. The use of appropriate signage can assist in this regard. • Provide strict management rules for personnel who are working at the filling stations. 	<p>Low (Negative)</p>
<p>Potential impact on the health of operating personnel resulting in potential health injuries. This impact is rated as neutral</p>	<p>Medium (Neutrals)</p>	<ul style="list-style-type: none"> • Operational personnel must wear basic PPE (e.g. Filling station overalls.) as necessary during the operational phase. • A complete First Aid Kit must be readily available on site and regularly serviced. • Personnel must be trained in health and safety awareness and management of emergency situations. 	<p>Low (Neutral)</p>
<p>Risk of fire explosion</p>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> • Prevent spread of fire to surrounding buildings or vegetation. • Adequate firefighting training must be given to staff. • Emergency numbers must be displayed with the correct details of the nearest firefighting station at all times. • Prevent effluent from firefighting (foam, water, fuel, chemicals) from entering surface/groundwater, stormwater systems, and septic tanks. 	<p>Low (Negative)</p>

		<ul style="list-style-type: none"> • Ensure that relevant signage e.g. no smoking, is displayed in potentially dangerous areas and is abided by. 	
Atmospheric pollution due to vapour tanks	Medium (Neutral)	<ul style="list-style-type: none"> • All UST ventilation points must be positioned away from any building ventilation inlet. • All sample points must be enclosed and routed to drip tanks thus eliminating vapour within the site. 	Low (Neutral)
Socio-economic Impact: Skills development opportunities and economic spin off activities will also occur during the operational phase. This impact is rated as positive.	Medium (Positive)	<ul style="list-style-type: none"> • Enhance the use of local labour and local skills as far as reasonably possible. • Where the required skills do not occur locally, and where appropriate and applicable, ensure that relevant local individuals are trained. • Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	High (Positive)
Indirect Impacts			
Community impact through convenience stores of the filling stations	Medium (Positive)	<ul style="list-style-type: none"> • Convenience store is to benefit community member who will get power to purchase at any time of the day. 	High (Positive)
Impact on the surrounding community in terms of visibility and great environment	Medium (Negative)	<ul style="list-style-type: none"> • Ensure that surrounding gardens are well maintained. The planting of indigenous vegetation is encouraged. • Use water sparingly in maintaining gardens. 	Low (Negative)

		<ul style="list-style-type: none"> • Ensure that service station lighting does not disturb surrounding residents or users of surrounding roads (e.g. direction, glare, flashing). • Institute an appropriate building and site maintenance programme. • Regularly inspect paving at filling points for impermeability. 	
--	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

No-go alternative

Direct Impacts

- None of the impacts mentioned above will occur.
- If the proposed project does not proceed, increased income and economic spin-off activities will not be realised.
- If the proposed project does not proceed, motorists who use R81 and communities of Munnik and Ga-Sekgopo that rely on filling station services and products, could be negatively affected

Indirect Impacts

There are no indirect impacts during the operation phase for the No-go Option.

Cumulative Impacts

There are no cumulative impacts during the operational phase for the No-go Option.

2.4. IMPACTS DURING DECOMMISSIONING PHASE AND PROPOSED MITIGATION MEASURES

Decommissioning Phase

R81 Munnik Filling Stations are designed to provide urban like facilities and therefore should be able to last a lifetime.

It is foreseen that both filling stations facilities will rather be upgraded than demolished or decommissioned

It is therefore suggested that an assessment be done at least every 20 years to determine whether the R 81 Munnik Filling Stations Facilities still serve the goal they were designed for.

This can be done in the form of a feasibility study. If it is determined that the R 81 Munnik Filling Stations Facilities do not serve the goal they were designed for, it should be determined if they can be adjusted to meet another need.

Should it however be determined that complete demolition of the R 81 Munnik Filling Stations Facilities required it is of utmost importance that a suitably qualified environmental assessment practitioner be consulted to identify potential impacts and to advise on the appropriate mitigation measures. It is likely that such a demolition will require some kind of authorisation as it will most definitely result in some serious environmental and socio-economic impacts.

3. ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, please provide an environmental impact statement that summarises the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

Alternative A (preferred alternative)

From the impact assessment of the biophysical and socio-economic aspects discussed in detail in this report it is evident that the proposed development of R81 Munnik Filling Stations is suitable for the site assessed.

It should however be noted that this is only if the development is planned and managed in accordance with the mitigation measures supplied described in this report, the specialist studies

(especially the mitigation measures as supplied in the geotechnical reports) and in the Environmental Management Programme (EMPr). Furthermore this project will also create employment opportunity for local residents.

From the detailed impact assessment, it is clear that most of the impacts can be mitigated to an acceptable standards and it is also expected that the development will contribute to the eradication of alien and invasive plant species and soil and vegetation rehabilitation. The development will also result in better management of the storm water on site.

If the proposed development is managed appropriately the R81 Munnik Filling Stations will have significant impact on the socio-economic environment and could even have positive impacts on the biophysical environment. If measured over the long term it is expected that the development will outweigh the negative bio-physical and socioeconomic aspects.

The socio-economic environment

During Construction Phase:

The proposed development will have a positive impact on the economy due to temporary employment opportunities more especially to the surrounding community. It will also have a positive impact on the social environment as there will be visible investment from the private sector within rural areas. It is expected that it will have a negative impact as it may cause nuisance due to dust and noise generation, but this can be mitigated to an acceptable standard.

During Operational Phase:

The proposed development will have a positive impact on the socio-economic environment during the operational phase due to permanent employment opportunities and a central location for the local community to do shopping etc. because of the convenience stores.

The biophysical environment

During Construction Phase:

- The biophysical environment will be affected by construction activities that could result in excessive noise and dust. However there are mitigation measures put in place to prevent the impacts or minimizing them as explained on the Environmental Management Programme.

- Construction and operational phase storm water management and pollution prevention are the two most important issues to consider and to address.

During Operational Phase:

All negative impacts that are likely to occur in this phase are not of significance as there are mitigation measures that are already put in place to control and protect the environment, especially groundwater and soil. Storm water management will be put in place and there shall be strong effective measures put in place to prevent spillages and leaks from the UST's and pumps.

Results of the impact assessment

None of the adverse impacts that were identified are regarded as impacts that cannot be mitigated to acceptable levels and therefore Mmadibuke Consulting and Projects is of the opinion that there are no "permanent flaws" associated with the proposed development.

Based on the results of the Specialist reports proposed filling stations are deemed as a good and profitable business concept. The impacts that are brought about can be mitigated.

No-go alternative (compulsory)

The No Go Alternative implies that the site is not developed for the purpose of the filling station and would probably be incorporated for the other business use.

This option will come to the party if the proposed development has significant negative impact that cannot be mitigated effectively. The proposed site does not have any environmental constraints.

Another factors that can contribute to this option include opposite interested and affected parties with valid points to go against the proposed development as well as none compliance with legislations required by organs of sate. No objections have been received thus far as we are still to advertise and having public participation meetings.

Our views as Mmadibuke Consulting and Projects (Pty) Ltd, independent EAPs are that the proposed area is suitable for a proposed new development of filling stations based on that the area is not sensible to the environment and it is located on a very busy R 81 Ga-Sekgopo Road.

Alternative B

Alternative C

For more alternatives please continue as alternative D, E, etc.

SECTION E. RECOMMENDATION OF PRACTITIONER

Is the information contained in this report and the documentation attached hereto sufficient to make a decision in respect of the activity applied for (in the view of the environmental assessment practitioner)?

YES	NO
-----	----

If "NO", indicate the aspects that should be assessed further as part of a Scoping and EIA process before a decision can be made (list the aspects that require further assessment):

If "YES", please list any recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the department in respect of the application:

The EAP recommends that the implementation and strict adherence to the EMPr forms part of the conditions of an Environmental Authorisation for the development. The EAP also recommends that all

mitigation measures as described in this Basic Assessment Report be included as part of the conditions of the authorisations granted for the development. Furthermore, the developer should accept responsibility for appointing service providers that comply with the legislative requirements of the country and who have standing agreements with the necessary authorities where required.

The following measures/ plans must also be required as part of the approval:

- The Waste Management Plan must be developed approved; and implemented.
- Communication or awareness must be undertaken to the project team to ensure maximum participation and compliance to the EMPr.
- The EMP attached and the mitigation measures related to it must be adhered to at all times and the appointed ECO must ensure that the developer complies with the EMP.
- An ECO must be appointed to monitor compliance with the authorization and develop compliance reports to be submitted to the Department during the construction phase.
- It is recommended that adequate storm water management be incorporated in the design of the proposed development in order to prevent erosion and the associated sedimentation of the surrounding areas. All areas affected by construction which are to remain as open space areas should be rehabilitated upon the completion of the construction phase of the development.
- All of the recommendations in the specialist reports that are included as a part of this application should be implemented & strictly adhered to in order to counteract adverse and cumulative impacts to the biophysical & social environments.

Is an EMPr attached?

The EMPr must be attached as Appendix F.

YES

NO

SECTION F: APPENDIXES

The following appendixes must be attached as appropriate:

Appendix A: Site plan(s)

Appendix B: Photographs

Appendix C: Facility illustration(s)

Appendix D: Specialist reports

Appendix E: Comments and responses report

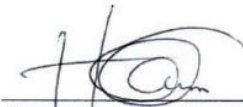
Appendix F: Environmental Management Programme (EMPr)

Appendix G: Other information

SECTION G: DECLARATION BY THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

I, Vusani Mbobvu declare that I –

- (a) act as the independent environmental practitioner in this application;
- (b) do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;
- (c) do not have and will not have a vested interest in the proposed activity proceeding;
- (d) have no, and will not engage in, conflicting interests in the undertaking of the activity;
- (e) undertake to disclose, to the competent authority, any material information that has or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the Environmental Impact Assessment Regulations, 2006;
- (f) 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;
- (g) will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the Department 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 Department may be attached to the report without further amendment to the report;
- (h) will keep a register of all interested and affected parties that participated in a public participation process; and
- (i) will provide the Department with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.



Signature of the Environmental Assessment Practitioner:

MADIBUKE CONSULTING & PROJECTS (PTY) LTD

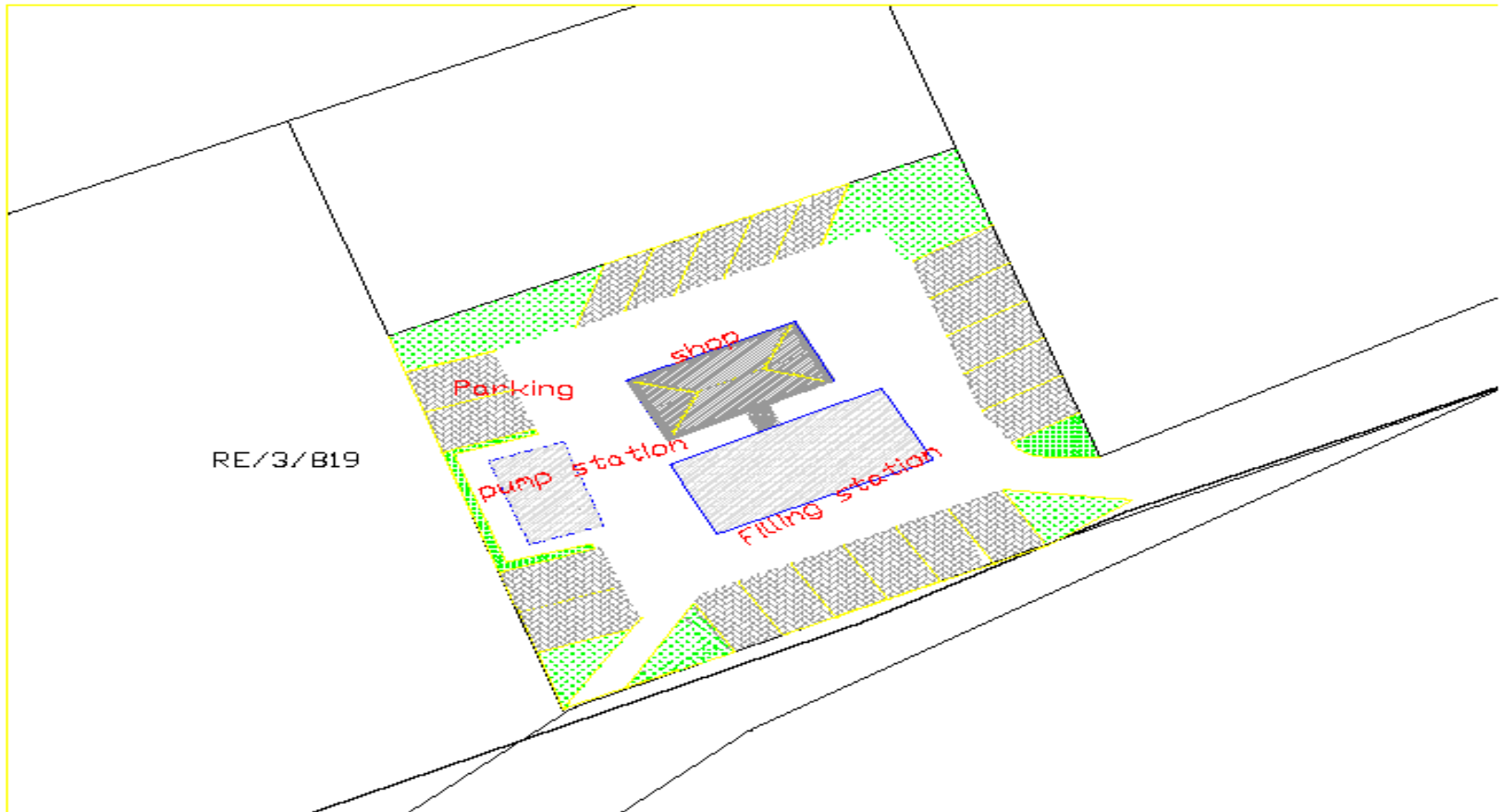
Name of company:

12 / March / 2018

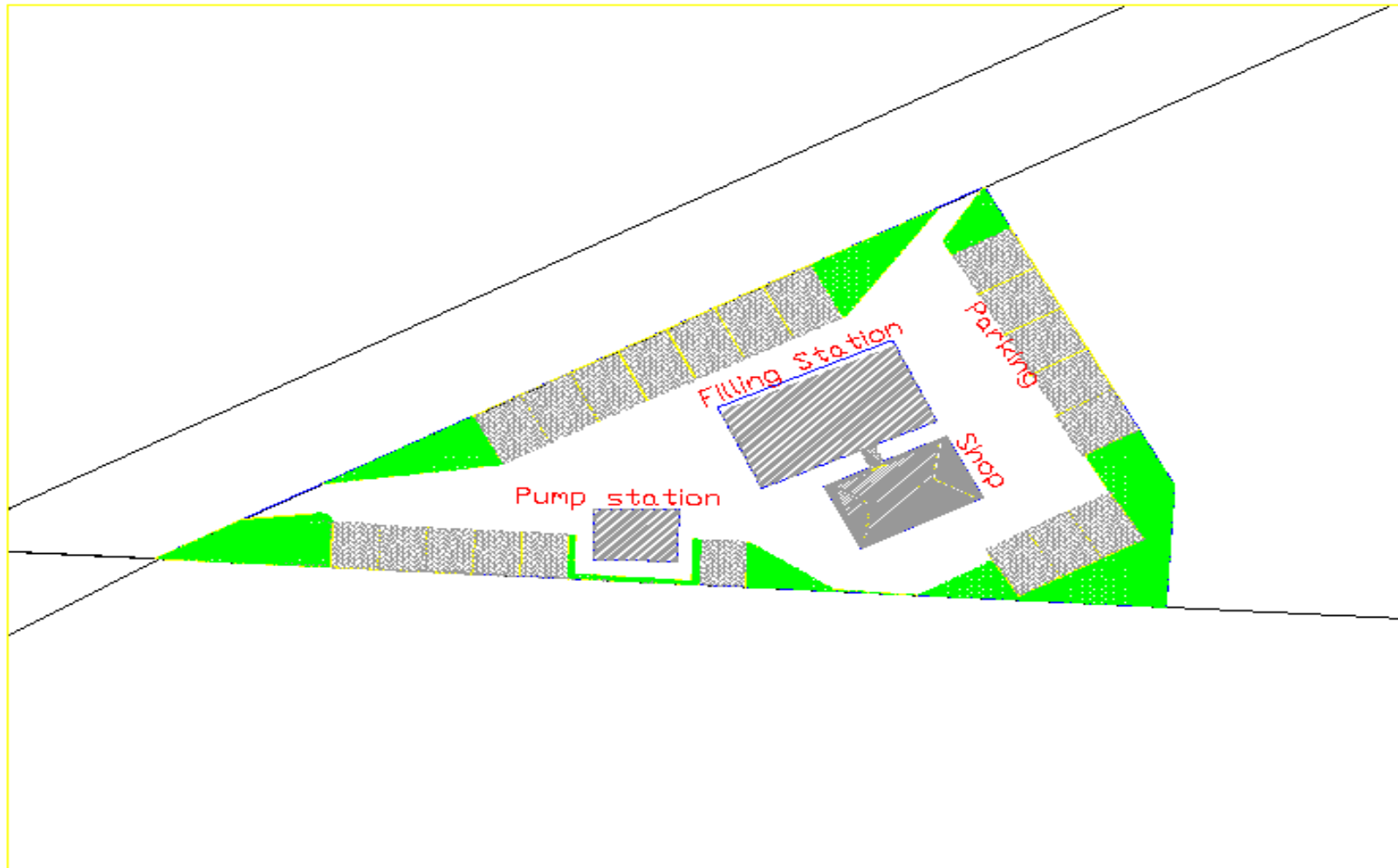
Date:

Appendix A: Site Plans

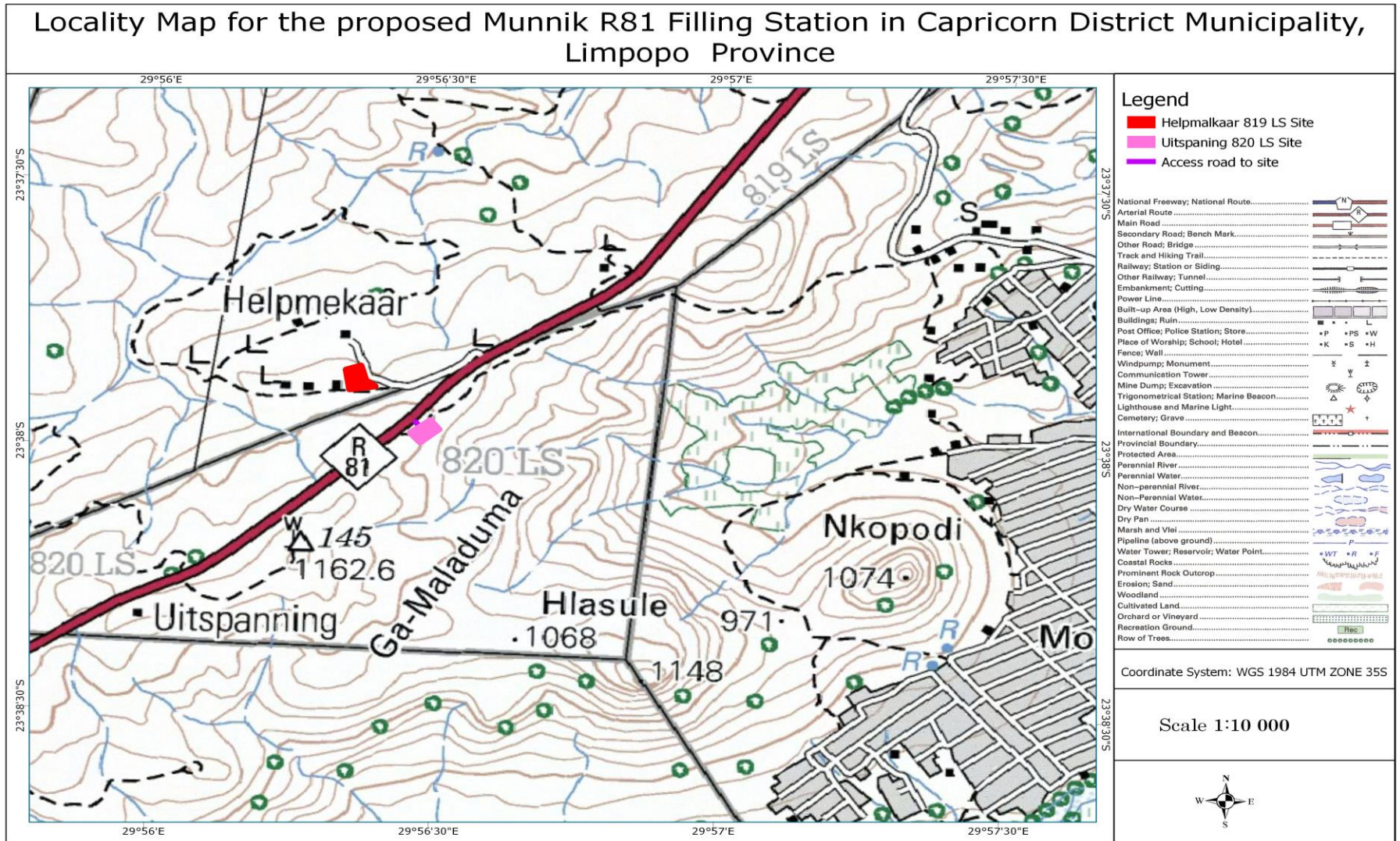
Site Development Plan: Filling Station on Helpmalkaar 819 LS Remaining Extent of Portion 2



Site Development Plan: Filling Station on Uitspanning 820 LS



Locality Map for both sites



Appendix B: Photographs





NOTICE FOR APPLICATION OF ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998)

Notice is hereby given in terms of Regulations No. R 326 published under sections 24(5) and 44 of the National Environment Management Act, 1998 (Act No. 107 of 1998) that **Autumn Star Trading 869** is preparing application of Environmental Authorization to the Limpopo Department of Economic Development, Environment & Tourism for the development of two interlinked filling stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

Project Name: R81 Munnik Proposed two interlinked Filling Stations

Property Description and Location: Remaining Extent of Portion 2 of the farm Helpmalkaar 819 LS and Uitspanning 820 LS located in Munnik alongside R81.

Current Zoning of the properties: Agriculture.

Proposed Development: Two Interlinked filling stations with canopies covered forecourts, pumps for diesel and petrol, a modern convenience shop and restaurant.

Listed Activity Applied For: GN R327 Listing Notice 1 Activity No.14

Date of Notice: 15 February 2018

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Queries regarding this matter should be referred to:

Mmadibuke Consulting & Projects (Pty) Ltd Public Participation registration and inquiries:

250 Pretorius Building Suites 314 & 315
250 Pretorius Street
Pretoria
0002

Fax: 086 262 4463

Vusani Mbobvu
Vusani@Mmadibuke.co.za or 012 397 3020
or
Teddy Mothapo
teddy@mmadibuke.co.za or 079 959 5389



Appendix C: Facility Illustrations

Not available yet

Appendix D: Specialist Report

Not available yet

Appendix E: Comments and responses

Proof of Site notice: Content of site notice



**NOTICE FOR APPLICATION OF ENVIRONMENTAL AUTHORISATION IN TERMS OF
SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998
(ACT 107 OF 1998)**

Notice is hereby given in terms of Regulations No. R 326 published under sections 24(5) and 44 of the National Environment Management Act, 1998 (Act No. 107 of 1998) that **Autumn Star Trading 869** is preparing application of Environmental Authorization to the Limpopo Department of Economic Development, Environment & Tourism for the development of two interlinked filling stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

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250 Pretorius Building Suites 314 & 315
250 Pretorius Street
Pretoria
0002

Fax: 086 262 4463

Vusani Mbobvu
Vusani@Mmadibuke.co.za or 012 397 3020
or

Teddy Mothapo
teddy@mmadibuke.co.za or 079 959 5389

Site notices placed at the vicinity of the site





Written notice to interested and/or affected parties: project announcement



Mmadibuke Consulting and Projects (Pty) Ltd
250 Pretorius Building,
Pretorius Street, Pretoria, 0002
Web: www.mmadibuke.co.za
Email: consult@mmadibuke.co.za
Cell: +27 (0) 79 9595 389
Tel: +27 (0) 12 397 3020
Fax: 086 262 4463

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998)

Notice is hereby given in terms of Regulations No. R 326 published under sections 24(5) and 44 of the National Environment Management Act, 1998 (Act No. 107 of 1998) that **Autumn Star Trading 869** has submitted an application for Environmental Authorisation to the Limpopo Department of Economic Development, Environment & Tourism for the development of interlinked filling stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

Application Reference Number:

Listed Activities applied for in terms of the NEMA EIA Regulations, 2014 as amended on 07 April 2017: Listing Notice 1 Activity 14, GN R327.

Property Description and Location: Remaining Extent of Portion 2 of the farm Helpmalkaar 819 LS and Uitspanning 820 LS located in Munnik alongside R81.

Current Zoning of the properties: Agriculture

Proposed Development: Two Interlinked filling stations with canopies covered forecourts, pumps for diesel and petrol, a modern convenience shop and restaurant.

Date of Notice: 05 February 2018

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Public participation registration and Enquiries:

Vusani Mbobvu: Vusani@mmadibuke.co.za or 012 397 3020

Teddy Mothapo: teddy@mmadibuke.co.za or 079 959 5389

MMADIBUKE CONSULTING AND PROJECTS (PTY) LTD (Reg No.2014/046413/07)

Email conversations with Interested and/or Affected Parties

Subject: NOTICE TO INTERESTED AND AFFECTED PARTIES FOR PROPOSED INTERLINKED R81 MUNNIK FILLING STATIONS ON FARMS HELPMALKAAR 819 LS AND UITSPANNING 820 LS WITHIN MOLEMOLE LOCAL MUNICIPALITY

From: "Vusani" <Vusani@mmadibuke.co.za>

Sent: 2/5/2018 2:26:10 PM

To: mmothetha@goescience.org.za;

CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>; "Precious Ramoba" <precious@mmadibuke.co.za>; "deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>;

Attachments: Notice to the Interested and Affected parties Stakeholders.pdf; R 81 Munnik Locality Map.jpg

Good day

Our telephone conversation today refers:

We kindly notify you to register as Interested and affected party for a proposed development of two interlinked R81 Munnik filling stations on farms Helmalkaar 819 LS and Uitspanning 820 LS which are adjacent to each other within Molemole Local Municipality.

We have attached the following documents

1. Notice to interested and affected parties.
2. Locality Map

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

A draft Basic Assessment Report and Environmental Management Plan will be made available to you once you register and as per your request.

We hope to hear from you soon.

Kind regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street Pretoria, 0002

www.mmadibuke.co.za

Subject: RE: NOTICE TO INTERESTED AND AFFECTED PARTIES FOR PROPOSED INTERLINKED R81 MUNNIK FILLING STATIONS ON FARMS HELPMALKAAR 819 LS AND UITSPANNING 820 LS WITHIN MOLEMOLE LOCAL MUNICIPALITY

From: "Mpho Mothetha" <mmothetha@geoscience.org.za>

Sent: 2/5/2018 2:31:47 PM

To: "Vusani" <Vusani@mmadibuke.co.za>;

Good day Vusani

Document received.

Thanks and regards

Mpho Mothetha

From: Vusani [mailto:Vusani@mmadibuke.co.za]

Sent: Monday, February 5, 2018 2:30 PM

To: Mpho Mothetha

Subject: NOTICE TO INTERESTED AND AFFECTED PARTIES FOR PROPOSED INTERLINKED R81 MUNNIK FILLING STATIONS ON FARMS HELPMALKAAR 819 LS AND UITSPANNING 820 LS WITHIN MOLEMOLE LOCAL MUNICIPALITY

Subject: NOTICE TO INTERESTED AND AFFECTED PARTIES FOR PROPOSED INTERLINKED R81 MUNNIK FILLING STATIONS ON FARMS HELPMALKAAR 819 LS AND UITSPANNING 820 LS WITHIN MOLEMOLE LOCAL MUNICIPALITY

From: "Vusani" <Vusani@mmadibuke.co.za>

Sent: 2/5/2018 2:31:36 PM

To: leratos@glm.gov.za;

CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>; "Precious Ramoba" <precious@mmadibuke.co.za>; "deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>;

Attachments: R 81 Munnik Locality Map.jpg; Notice to the Interested and Affected parties Stakeholders.pdf

Good day

Our telephone conversation today refers:

We kindly notify you to register as Interested and affected party for a proposed development of two interlinked R81 Munnik filling stations on farms Helmalkaar 819 LS and Uitspanning 820 LS which are adjacent to each other within Molemole Local Municipality.

We have attached the following documents

1. Notice to interested and affected parties.
2. Locality Map

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

A draft Basic Assessment Report and Environmental Management Plan will be made available to you once you register and as per your request.

We hope to hear from you soon.

Kind regards

Subject: NOTICE TO INTERESTED AND AFFECTED PARTIES FOR PROPOSED INTERLINKED R81 MUNNIK FILLING STATIONS ON FARMS HELPMALKAAR 819 LS AND UITSPANNING 820 LS WITHIN MOLEMOLE LOCAL MUNICIPALITY

From: "Vusani" <Vusani@mmadibuke.co.za>

Sent: 2/5/2018 2:23:16 PM

To: matswip@dws.gov.za;

CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>; "deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>; "Precious Ramoba" <precious@mmadibuke.co.za>;

Attachments: R 81 Munnik Locality Map.jpg; Notice to the Interested and Affected parties Stakeholders.pdf

Good day

Our telephone conversation today refers:

We kindly notify you to register as Interested and affected party for a proposed development of two interlinked R81 Munnik filling stations on farms Helmalkaar 819 LS and Uitspanning 820 LS which are adjacent to each other within Molemole Local Municipality.

We have attached the following documents

1. Notice to interested and affected parties.
2. Locality Map

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

A draft Basic Assessment Report and Environmental Management Plan will be made available to you once you register and as per your request.

We hope to hear from you soon.

Kind regards

Subject: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 2/21/2018 4:30:44 PM
To: lmahlahare@um.co.za;
CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>; "Precious Ramoba" <precious@mmadibuke.co.za>; "deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>;
Attachments: Notice to I&AP(R81 MUNNIK).pdf; R 81 Munnik Locality Map.jpg

Good day

Our telephone conversation refers

Kindly find a notice to formally register you as Interested and/or Affected Parties on the proposed R81 Munnik Filling Stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Attached is a formal notice and the locality map of the filling station.

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street
Pretoria, 0002

www.mmadibuke.co.za

Subject: RE: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS
From: "Linford Mahlahare" <lmahlahare@unitransmotors.co.za>
Sent: 2/21/2018 5:01:54 PM
To: "Vusani" <Vusani@mmadibuke.co.za>;

CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>; "Precious Ramoba" <precious@mmadibuke.co.za>; "deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>;

Hi

Thank you , we will communicate with you shortly.

Regards

Linford

0766162250

From: Vusani [mailto:Vusani@mmadibuke.co.za]
Sent: Wednesday, 21 February 2018 4:31 PM
To: Linford Mahlahare <mahlahare@unitransmotors.co.za>
Cc: teddy@mmadibuke.co.za; Precious Ramoba <precious@mmadibuke.co.za>; deborah@mmadibuke.co.za
Subject: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS

Good day

Our telephone conversation refers

Kindly find a notice to formally register you as Interested and/or Affected Parties on the proposed R81 Munnik Filling Stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Attached is a formal notice and the locality map of the filling station.

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street
Pretoria, 0002

www.mmadibuke.co.za

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Subject: RE: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS
From: "Linford Mahlahare" <lmahlahare@unitransmotors.co.za>
Sent: 2/27/2018 8:57:33 AM
To: "Vusani" <Vusani@mmadibuke.co.za>;

Good morning.

Send me Tittle Deeds as discussed telephonically.

Regards

Linford
076 616 2250

From: Vusani [mailto:Vusani@mmadibuke.co.za]
Sent: Wednesday, 21 February 2018 4:31 PM
To: Linford Mahlahare <lmahlahare@unitransmotors.co.za>
Cc: teddy@mmadibuke.co.za; Precious Ramoba <precious@mmadibuke.co.za>; deborah@mmadibuke.co.za
Subject: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS

Good day

Our telephone conversation refers

Kindly find a notice to formally register you as Interested and/or Affected Parties on the proposed R81 Munnik Filling Stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Attached is a formal notice and the locality map of the filling station.

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020

Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street Pretoria, 0002

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Subject: Re[2]: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 2/27/2018 11:55:51 AM

To: "Linford Mahlahare" <lmahlahare@unitransmotors.co.za>;
CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>;
"deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>; "Precious Ramoba"
<precious@mmadibuke.co.za>;

Attachments: Helpmalkaar Title Deed.pdf; Uitspanning Title Deed.pdf

Good day

Kindly find attached title deeds of farms that we have applied for confirming the ownership of the properties.

We hope you find this in order

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street
Pretoria, 0002

www.mmadibuke.co.za

----- Original Message -----

From: "Linford Mahlahare" <lmahlahare@unitransmotors.co.za>

To: "Vusani" <Vusani@mmadibuke.co.za>

Sent: 2/27/2018 8:57:33 AM

Subject: RE: NOTICE TO INTERESTED AND/OR AFFECTED PARTIES ON THE PROPOSED R81 MUNNIK FILLING STATIONS

Subject: REQUEST FOR LAND CLAIM STATUS
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 2/28/2018 8:20:04 AM
To: gladys.kekana@drdlr.gov.za;
CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>; "deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>; "Precious Ramoba" <precious@mmadibuke.co.za>;
Attachments: Helpmalkaar Title Deed.pdf; Uitspanning Title Deed.pdf

Good day

We hope you are well.

We are currently in the process of applying for environmental authorization of a proposed filling station on the following two farms and we kindly request land claim status on them

1. Helpmalkaar 819 LS remaining extent of portion 2.
2. Uitspanning 820 LS

We have also attached the title deed of the property

Kind Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street
Pretoria, 0002

www.mmadibuke.co.za

Subject: HELPMEKAAR 819 LS AND UITSPANNING 820 LS INTERESTED AND AFFECTED PARTY
From: "Gawie Makkink" <gawie@origintrp.co.za>
Sent: 3/22/2018 9:39:29 AM
To: "Vusani@Mmadibuke.co.za" <Vusani@Mmadibuke.co.za>;
CC: "Teddy@Mmadibuke.co.za" <Teddy@Mmadibuke.co.za>; "Megan Brink" <megan@origintrp.co.za>;
Attachments: Registration as interested party filling stations Helpmekaar 819 LS and Uitspanning 820 LS March 2018.pdf

Good day Vusani

With reference to the above, I attach an explanatory letter hereto for your attention.

I trust that you find it in order and look forward to your reply.

Regards

Gawie Makkink
Director



Tel: (012) 346 3735
Fax: 012 346 4217
306 Melk Street, Nieuw Muckleneuk, 0181, Pretoria
P.O. Box 2162, Brooklyn Square, 0075

Subject: Re: HELPMEKAAR 819 LS AND UITSPANNING 820 LS INTERESTED AND AFFECTED PARTY
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 3/22/2018 10:13:08 AM
To: "Gawie Makkink" <gawie@origintrp.co.za>;
CC: "Teddy@Mmadibuke.co.za" <Teddy@Mmadibuke.co.za>; "Megan Brink" <megan@origintrp.co.za>;

Good day

Your note of interest on the above mentioned proposed development has been received.

We will register you as interested and affected party. Note that once the Draft BAR is ready, it will be made available for your comments.

Regards

VUSANI MBOBVU

Environment Assessment Practitioner



MMADIBUKE

Go The Extra Mile

Tel: +27 12 397 3020

Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street Pretoria, 0002

www.mmadibuke.co.za

----- Original Message -----

From: "Gawie Makkink" <gawie@origintrp.co.za>

To: "Vusani@Mmadibuke.co.za" <Vusani@Mmadibuke.co.za>

Cc: "Teddy@Mmadibuke.co.za" <Teddy@Mmadibuke.co.za>; "Megan Brink" <megan@origintrp.co.za>

Sent: 3/22/2018 9:39:29 AM

Subject: HELPMEKAAR 819 LS AND UITSPANNING 820 LS INTERESTED AND AFFECTED PARTY

Subject: PROPOSED R81 MUNNIK INTERLINKED FILLING STATION HERITAGE CASE ID
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 4/3/2018 9:21:13 AM
To: "Thingahangwi Tshivhase" <ttshivhase@sahra.org.za>;
CC: "teddy@mmadibuke.co.za" <teddy@mmadibuke.co.za>;
"deborah@mmadibuke.co.za" <deborah@mmadibuke.co.za>; "Precious Ramoba"
<precious@mmadibuke.co.za>;
Attachments: Case ID.PNG

Good day

I hope you are well.

Kindly find the submission of the case id for the proposed R81 Munnik Interlinked Filling Station for the purpose of Heritage Resources Agency comments.

Case ID: 12392

I have also attached a snipped Heritage Case Summary.

Should you seek any clarity, do not hesitate to contact me.

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street Pretoria, 0002

www.mmadibuke.co.za

Subject: Re: PROPOSED R81 MUNNIK INTERLINKED FILLING STATION HERITAGE CASE ID
From: "Thingahangwi Tshivhase" <ttshivhase@sahra.org.za>
Sent: 4/3/2018 10:03:18 AM
To: "Vusani" <Vusani@mmadibuke.co.za>;
CC: teddy@mmadibuke.co.za; deborah@mmadibuke.co.za; "Precious Ramoba"

<precious@mmadibuke.co.za>;

Attachments: Vusani signature.jpg

Dear Vusani,

I hereby acknowledge receipt of your email.

Thank you for notifying us of this development.

I will get back to you regarding our comment as SAHRA.

kind regards,

Thingahangwi Tshivhase

Heritage Officer: BGG

South African Heritage Resources Agency

- *A nation united through heritage* -

T: 012 320 8490 | C: | F: 012 320 8486

E: ttshivhase@sahra.org.za | 432 Paul Kruger Street | Pretoria |

www.sahra.org.za



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Department of Arts and Culture

*OUR VALUES: Accountability, Teamwork & co-operation, Respect, Transparency,
Service Excellency, Integrity & Ethics, Professionalism, Accessibility, Communication & Trust.*

Proof of Newspaper Advert

Contents of a newspaper advert that was placed on Capricorn Voice Newspaper on 28 February 2018



NOTICE FOR APPLICATION OF ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998)

Notice is hereby given in terms of Regulations No. R 326 published under sections 24(5) and 44 of the National Environment Management Act, 1998 (Act No. 107 of 1998) that **Autumn Star Trading 869** is preparing application of Environmental Authorisation to the Limpopo Department of Economic Development, Environment & Tourism for the development of two interlinked filling stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

Project Name: R81 Munnik Proposed two interlinked Filling Stations

Property Description and Location: Remaining Extent of Portion 2 of the farm Helpmalkaar 819 LS and Uitspanning 820 LS located in Munnik alongside R81.

Current Zoning of the properties: Agriculture.

Proposed Development: Two Interlinked filling stations with canopies covered forecourts, pumps for diesel and petrol, a modern convenience shop and restaurant.

Listed Activity Applied For: GN R327 Listing Notice 1 Activity No.14

Date of Notice: 28 February 2018

To be identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Queries regarding this matter should be referred to:

Mmadibuke Consulting & Projects (Pty) Ltd Public Participation registration and inquiries:

250 Pretorius Building Suites 314 & 315
250 Pretorius Street
Pretoria
0002

Fax: 086 262 4463

Vusani Mbobvu
Vusani@Mmadibuke.co.za or 012 397 3020
or
Teddy Mothapo
teddy@mmadibuke.co.za or 079 959 5389

Two bodies found in dams

Neville Maakana
 POLICE have urged communities to practice water safety after two drowning incidents were reported last week.
 Junior Kamogele Shikwambana (10) was playing with friends when he drowned at a dam in Lulekani outside Phalaborwa on 21 February.
 The incident was reported to the police and when they arrived at the scene, they found the deceased floating in the water.
 In another incident, the body of William Mavhele (50) was found in Majemani dam at Mashau Magweni village outside 'Thohoyandou.
 Police were alerted and

retrieved the body, which was already in a state of decomposition.
 Limpopo Police Spokesperson, Lt Col Moatshe Ngoepe, issued a stern warning to communities to be cautious around dams, streams and rivers, especially during the rainfall season.
 "We are once again appealing to the community to be extra cautious when crossing or swimming in dams, streams and rivers because of the heavy rainfall which is still being experienced in most parts of the province.
 Parents are strongly advised to keep a close eye on their children at all times to prevent these types of incidents," he said.
 capvoice@nmgroup.co.za

"Be cautious crossing rivers after rainfall"
MOATSHE NGOEPE, POLICE SPOKESPERSON



One of the cars which was torched during recent acts of mob violence in Tubatse. Photo: Supplied

Residents help with arrest

Rivalani Myambo
 GIYANI police have arrested a 23-year-old man last Tuesday following a manhunt launched after a one-year-old baby was raped in Nkomo in Giyani.
 The suspect, who also resides in Nkomo village, is set to reappear in the Giyani Magistrate's Court on 5 March for a formal bail application following a brief appearance last week.
 Giyani Cluster Police Commander, Maj Genl Mhazizima Ngweni, thanked the community for working closely with police to apprehend the suspect.
 "Partnership policing will ensure all criminal elements are rooted out in our communities. Criminals are living among us and if we isolate them they will have no place to hide and we will put them away," he said.
 capvoice@nmgroup.co.za

Police condemn mob attacks and killings

Dan Mdululi
 LIMPOPO Provincial Police Commissioner, Lt Genl Nneke Ledwaba, condemned the continuous acts of mob attacks and killings prevalent in some police clusters in the province, especially in the Tubatse policing area outside Burgersfort.
 The condemnation follows a mob-related incident in which one suspected criminal was burnt to death inside a car when a group of residents attacked three suspected criminals before they could reportedly rob a local shop.
 Limpopo Police Spokesperson, Lt Col Moatshe Ngoepe, said the other suspects managed to escape, leaving their two vehicles behind which were subsequently torched.
 Ngoepe said it was alleged the deceased was driving one of the cars with two accomplices and the other two unknown suspects, driving a VVT Toyota were on their way to Ga-Mokogotho village to commit a business robbery.
 "The local community got information before the crime could be committed and attacked them," said Ngoepe.
 Ngoepe said the deceased is a 29-year-old man from Ga-Mashamothane village near Burgersfort but forensic investigations were still underway to confirm his identity and that his accomplices who fled were still unknown.
 "A case of murder and two counts of malicious damage to property were opened, the suspects involved in the matter are unknown and there is no arrest as yet," explained Ngoepe, adding police investigations were still continuing.
 Anyone with information that can lead to the arrest of the suspects involved in this mob-attack incident are urged to contact Capt Richard Boshomane at 079 894 5501 or the Crime Stop number 08600 10111, the Crime Line SMS 32211 or the nearest police station.
 Ledwaba warned communities to refrain from mob justice because it continued to destroy the spirit of Community Policing Forums.
 He added these acts are against the law and perpetrators will be dealt with mercilessly and without compromise.
 capvoice@nmgroup.co.za



Opinion - Elvis Masoga

Cyril is a blessing to our country in times of adversity

Analysis of Pres Cyril Ramaphosa's State of the Nation Address

FASCINATINGLY, it truly feels the best of times are now upon us as South Africans; the darkest clouds of kleptocracy have suddenly given way to a new dawn of goodwill.
 The fall of Jacob Zuma symbolises the triumph of the nation's dreams and ideals. Zuma's dynastic kleptocracy has strangled the noble virtues of our democracy.
 Under the new stewardship of Cyril Ramaphosa, our country is now treading on the finest dispensation.
 The country's aggregate stock-exchange value has just improved remarkably.
 Our Consumer Price Index is currently stabilising for the benefit of consumers.
 The Reserve Bank's decision not to increase the interest rate was inspired as was the new political discourse.
 Our currency is trending strongly against major foreign currencies worldwide.
 Since Ramaphosa's election as ANC president in December, the Rand has appreciated by over 26%.
 Most domestic and international investors are now showing great interest in reinvesting in our country.
 In the last two months, our Business Confidence Index has appreciated favourably.
 Phenomenal, inspirational, technocratic, presidential and pragmatic are the best concepts to describe that Sonja.
 In his maiden SONA, Ramaphosa offered a brilliant diagnosis of the country's economic maladies.
 Corruption, self-enrichment, corporate dishonesty, mediocrity, tardiness and laziness are pulling our country backward.
 President Ramaphosa pledged to rid our government of all these corrosive maladies and tendencies.
 His 10-Point Plan for economic restoration has won the hearts of many domestic and global investors.
 Ramaphosa has instructed all government leaders to serve the people with loyalty, honesty and dignity.
 The new era of free tertiary education has indeed arrived in South Africa.
 The president committed his government to expand economic opportunities for all citizens. Education, youth unemployment and economic recovery will receive the fullest attention of government.
 President Ramaphosa has also pledged to create one million job opportunities in the next three years.
 Only time and fate shall tell!
 elvismasoga123@gmail.com

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MMADIBUKE CONSULTING & PROJECTS

NOTICE FOR APPLICATION OF ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998)

Notice is hereby given in terms of Regulations No. R 326 published under sections 24(5) and 44 of the National Environment Management Act, 1998 (Act No. 107 of 1998) that Autumn Star Trading 469 is preparing application for Environmental Authorisation to the Limpopo Department of Economic Development, Environment & Tourism for the development of two interlinked filling stations on farms Helpmalkaar 819 LS Remaining Extent of Portion 2 and Uitspanning 820 LS in R81 Munnik.

Project Name: R81 Munnik Proposed two interlinked Filling Stations
Property Description and Location: Remaining Extent of Portion 2 of the farm Helpmalkaar 819 LS and Uitspanning 820 LS located in Munnik alongside R81.

Current Zoning of the properties: Agricultural.

Proposed Development: Two interlinked filling stations with canopy-covered forecourts, pumps for diesel and petrol, a modern convenience shop and restaurant.

Listed Activity Applied For: GN R327 Listing Notice 1 Activity No.14

Date of Notice: 28 February 2018
 To be identified as an interested and/or Affected Party (I&AP) please submit your name, contact information, interest in the matter and any comments in writing within 30 days of this Notice.

Queries regarding this matter should be referred to:
Mmadibuke Consulting & Projects (Pty) Ltd Public Participation registration and enquiries:
 250 Pretorius Building Suites 314 & 315 Vusani Mbobvu
 250 Pretorius Street Vusani@mmadibuke.co.za or 012 397 3020
 Pretoria or Teddy Motshapo
 0002 teddy@mmadibuke.co.za or 079 959 5389
 Fax: 086 262 4463

CAPRICORN DISTRICT MUNICIPALITY
 PO Box 4100 Polokwane 0700. Tel: 015 294 1000 Fax: 015 295 4010 Email: info@cdm.org.za Website: www.cdm.org.za

PUBLIC NOTICE IDP REPRESENTATIVE FORUM
 Notice is given in terms of Chapter 4 of the Local Government Municipal Systems Act, No. 32 of 2000, that the Executive Mayor of Capricorn District Municipality invites you to the 2nd IDP/Budget Representative Forum Meeting to present the 2018/19 Draft IDP/Budget and Mid-year Performance Report. The Forum is scheduled as follows:
 Date : Tuesday, 06 March 2018
 Venue : Dlovini Lodge, Polokwane
 Time : 09h00

This invitation is extended to all Councilors, Provincial Departments, Ward Committee Chairpersons, Traditional Leaders, Religious Leaders, Representatives from Un-Organised Groups, NGOs/CBOs, Special Focus Groupings, Academic Institutions, Businesses, Implementing Agents/Parastatals/Service Providers, Community Representatives and other interested and affected parties.

Please confirm your attendance with Rebecca Molea @ 015 294 1259 / 082 334 7008 or Stanley Phaladire @ 015 294 1252 / 070 620 1196.

Nokuthula Mazibuko
 Municipal Manager
 Re Soema le Setshaba

Disclaimer
 Northern Media Group encourages freedom of speech and the expression of diverse views. The views or opinions of columnists published in NMG publications are therefore their own and do not necessarily represent the views of NMG.

Written notice (Email and Postage) to interested and affected parties: 30 day comment period on Draft Basic Assessment Report

Not yet available

Comments and Responses Report

ISSUES RAISED	RESPONSIBLE COMMENTOR	DATE	RESPONSE
<p>This matter refers:</p> <p>We are responding to your notice dated 21 February 2018 as interested and affected parties, we have put the claim in both farms in 1994, its comes with the surprise when there is some company and trust obtaining title deeds.</p> <p>We are very concern and we need clarity before any development can start.</p>	<p>Mr. Mahlare N.L Makgato Communal Property Association (Email)</p>	<p>27/02/2018</p>	<p>We have sent a request to Limpopo Drdlr to inquire about current land claim status on two properties.</p>
<p>Greater Letaba Local Municipality (Environmental Unit) has conducted Environmental Assessment for the above mentioned project on 5 February 2018 and the following recommendations and comments were made:</p> <ul style="list-style-type: none"> • Ensure that noise is controlled during construction period. • Demolished bunding rubble must fill all the dongas of the roads and used on the site for filling. • Solid waste must be disposed inside the dust bins to prevent littering. • Hazardous waste such as oil, relevant 	<p>Ms. Lerato Shoroma Greater Letaba Local Municipality (Email)</p>	<p>22/02/2018</p>	<p>Mmadibuke Consulting and Projects will adhere by all conditions suggested by Greater Letaba Local Municipality.</p>

<p>chemicals that will be used during the construction, must be disposed in a safe manner to prevent ground water contamination.</p> <ul style="list-style-type: none"> • Vegetation must be cleared properly to avoid disturbance of protected species .i.e. indigenous species. • Construct Septic tank for disposing Sewer to prevent sewer to flow inside the rivers and valleys. <p>GLM will appreciate it if the recommendations can be considered to keep the environment clean.</p>			
<p>The company is representing a landowner who is next to the property and they have requested to be registered as interested party and be provided with Draft Basic Assessment Report for commenting purpose</p>	<p>Mr. Gawie Makkink Origin Town Planning (Email)</p>	<p>22/03/2018</p>	<p>Your note of interest on the above mentioned proposed development has been received.</p> <p>We will register you as interested and affected party. Note that once the Draft BAR is ready, it will be made available for your comments.</p>
<p>I hereby acknowledge receipt of your email. Thank you for notifying us of this development. I will get back to you</p>	<p>Ms. Thingahangwi Tshivhase South African Heritage</p>	<p>03/04/2010</p>	<p>Noted, we will wait to hear from you</p>

regarding our comment as SAHRA.	Resources Agency (Email)		
---------------------------------	-----------------------------	--	--

Email acknowledging Greater Letaba Local Municipality Letter

Subject: Re: FW: Document to: 0864614614 - from: +27153098742
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 3/7/2018 11:56:04 AM
To: "Lerato Shoroma" <LeratoS@glm.gov.za>;

Good day

We acknowledge the receipt of your email and the comments.

We will take into consideration all the recommendations that you have listed on your response.

We hope you find this in order

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street
Pretoria, 0002

www.mmadibuke.co.za

----- Original Message -----

From: "Lerato Shoroma" <LeratoS@glm.gov.za>

To: "Vusani" <Vusani@mmadibuke.co.za>

Sent: 3/2/2018 12:39:15 PM

Subject: FW: Document to: 0864614614 - from: +27153098742

Email acknowledging Makhato Communal Property Association

Subject: Re: Interested and Affected Parties - MCPA
From: "Vusani" <Vusani@mmadibuke.co.za>
Sent: 3/7/2018 12:04:50 PM
To: "Linford Mahlahare" <mahlahare@unitransmotors.co.za>; "mahlahare@um.co.za" <mahlahare@um.co.za>;

Good day

We acknowledge the receipt of your letter.

Kindly note that we have sent an email to Limpopo Department of Rural Development and Land Claim to inquire about the land claim status of the two properties. We shall engage with you further once we receive the confirmation from the department.

We hope you find this in order

Regards

VUSANI MBOBVU
Environment Assessment Practitioner



Tel: +27 12 397 3020
Fax: 086 4711 5208 | **Email:** vusani@mmadibuke.co.za

Office: 250 Pretorius Building, 3rd Floor, Pretorius Street, Cnr Pretorius Street and Thabo Sehume Street
Pretoria, 0002

www.mmadibuke.co.za

----- Original Message -----

From: "Linford Mahlahare" <mahlahare@unitransmotors.co.za>
To: "Vusani" <Vusani@mmadibuke.co.za>
Cc: "linfordmahlahare@gmail.com" <linfordmahlahare@gmail.com>
Sent: 2/27/2018 3:43:18 PM
Subject: Interested and Affected Parties - MCPA

Copies of comments from Interested and Affected Parties

P.O. Box 79
Babirwa
0716



Contacts
+27(0)76 616 2250
+27(0)76 195 8180
+27(0)76 362 9602
Makgatocommunalpropertya@gmail.com

2018/02/27

**ATTENTION : VUSANI MBOBVU
MMADIBUKE
ENVIRONMENT ASSESSMENT PRACTITIONER**

Re: Interested and Affected Parties on the proposed R81 Munnik Filling Station on farms HELPMALKAAR 819 LS remaining extent of portion 2 and UITSPANNING 820LS in R81 Munnik.

The matter refers.

We are responding to your notice dated 21/02/2018 as interested and affected parties , We have put the claim in both farms in 1994 , its comes with the surprise when there is some other companies and trust obtain Tittle deeds.

We are very concern and we need a clarity before any development can start.

Hope you will take our concern into considerations.

Regards

.....
Mr Mahlahare NL
MCPA- Chairperson
076 616 2250



Mahlahare N.L (Chairperson). Makgato S.G (Deputy Chairperson). Makgato M.S (Secretary).
Molele N (1st Deputy Secretary). Mailula K.P (2nd Deputy Secretary). Makgato S.S(Treasure).

ADDITIONAL MEMBERS:

Nakene J, Makgato N, Sekgotodi A, Makgato A, Maila F, Rakgate A, Sathekge W, Seshibe M, Maepa S, Sathekge E

TRADITIONAL COUNCIL:

Makgato L.E, Montle N.M, Makgato M.W, Makgato M.R

SEKGOPO CPA

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SEKGOPO
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Contacts: Chairperson Mr Ramoadi N.D
083 484 5932
Secretariat: Mr Mailula M.J
072 446 2176. Mogale N.E 073 297 5932
Email: Johannesmailula7@gmail.com
sekgopotc@live.co.za

Our ref: KRP1924/Land Claim Commission/Limpopo

Date: 13/03/2018

Attention: Vusani Mbobvu

Mmadibuke Consulting & Projects
PRETORIA
0002
Email: vusani@mmadibuke.co.za
teddy@mmadibuke.co.za

Cc Jacob Shabangu

Land Claim Commission
Limpopo Province,
Polokwane, 0700
Email: Jacob.Tshabangu@drdlr.gov.za

**SUBJECT: OBJECTION ON THE PROPOSED DEVELOPMENT ON THE FARM HELPMALKAAR
819LS AND UITSPANNING 820LS LOCATED IN MUNNIK ALONGSIDE R81 ROAD.**

1. The above bears reference.
2. We as the Sekgopo CPA have received a notice for the Application of Environmental Authorisation in terms of Section 24 of the National Environmental Management Act, 1998 and had a meeting to discuss about it.
3. We have resolved to object the proposed development based on the following reasons:
 - 3.1 That the farm Helpmalkaar 819LS and Uitspanning 820 LS are under our Claim reference KRP1924 and are in the process of finality as they were gazetted and confirmed to be a land where we have been forcefully removed.
 - 3.2 The proposed development will disturb the claim process if done prior finalisation of the claim.
4. We therefore make a submission to yourselves to object this proposed development pending our land claim.

5. We will welcome engagements with regard to this development as soon as the claim is finalised.

Regards


CPA Secretary


CPA Chairperson



GREATER LETABA MUNICIPALITY

P.O Box 36, Modjadjiskoof, 0835, Tel (015) 309 9246/7/8,
Fax (015) 309 9419, Email:greaterletaba@glm.gov.za

Eng: Shoroma L.M

Date: 22 February 2018

Cell:082 578 9524/ 015 309 9246

Mmadibuke Environmental Consultant
Pretorius Street
0002

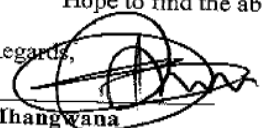
Attention: Vusani Mbobvu

**RE: ENVIRONMENTAL ASSESSMENT FOR MUNNIK FILLING STATION AT FARMS
HELPMALKAAR 819 LS**

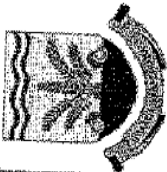
1. The above matter refers.
2. We hereby acknowledge your proposed establishment of the above mentioned project dated 09/02/2018.
3. Greater Letaba Municipality (Environmental Unit) has conducted Environmental assessment for the above mentioned project on the 15 February 2018 and the following Recommendations and comments were made:
 - Ensure that noise is controlled during the construction period.
 - Demolished building rubble must be removed from the roads and used on the site for filling.
 - Ensure that there is no leakages of fuel in the underground tanks when installing and filling
 - Solid waste must be disposed inside the dust bins to prevent littering.
 - Hazardous waste such as oil, relevant chemical that will be used during the construction, must be disposed in a safe manner to prevent ground water contamination.
 - Vegetation must be cleared properly to avoid disturbance of protected species .i.e. indigenous species.
 - Construct Septic tank for disposing Sewer to prevent sewer to flow inside the rivers and valleys.
4. GLM will appreciate it if the recommendations can be considered to keep the environment clean.
5. Attached hereto please find the site inspection note.

Hope to find the above in order.

Regards,


Mhangwana
Acting Municipal Manager

"To be an outstanding agro processing and eco-cultural tourism hub"



GREATER LETABA MUNICIPALITY

P.O. Box 36, Medijaidsiioof, 0835, Tel (015) 309 9246/7/8,
Fax (015) 309 9419, Email: greaterletaba@glm.gov.za

GREATER LETABA MUNICIPALITY

SITE INSPECTION OF ENVIRONMENTAL ASSESSMENT FOR FILLING STATION AT MUNNIK
DATE: 15 FEBRUARY 2018

ATTENDANCE REGISTER

SURNAME & INITIALS	INSTITUTION	CONTACTS	EMAIL/ FAX	SIGNATURE
Shogwe M Precious Ramoba	GLM	082 576 9874 mmedibake consulting & Projects 0711 792 716		<i>[Signature]</i>
				<i>[Signature]</i>

"To be an outstanding agro processing and eco-cultural tourism hub"

E-MAIL TO: Vusani@Mmadibuke.co.za
Teddy@Mmadibuke.co.za

Our ref:
G Makkink

22 March 2018

Attention: Vusani Mbobvu

Mmadubuke Consulting and Projects (PTY) LTD
250 Pretorius Street
Pretoria
0002



306 Melk Street
Nieuw Muckleneuk, 0181, Pretoria
P O Box 2162, Brooklyn Square, 0075
Tel: 012 346 3735 Fax: 012 346 4217
E-mail: plan@origintrp.co.za
Company Reg No: 2012/180053/07
VAT No: 4310261864

**HELPMEKAAR 819 LS: REMAINDER
UITSPANNING 820 LS: PORTION 2
REGISTRATION AS INTERESTED AND AFFECTED PARTY**

With reference to the above, we wish to confirm the following.

1. It came to our attention that your firm is conducting an application for environmental authorisation in terms of the provisions of the National Environmental Management Act, 1998 for the development of two interlinked filling stations on the above-mentioned properties.
2. We hereby confirm that we act for one of our clients, being a registered land owner of a property in close proximity to the above-mentioned properties, and further confirm that our clients' interests might be affected by the intended development.
3. It would appear that your office is still in process to compile the required bundle of documents, and our understanding is that a draft document has not yet been made available for public review.
4. We hereby formally request to be listed as interested and affected party. We further kindly request that the draft document be made available as soon as it is ready or, alternatively, that we be informed of where such documentation could be perused.
5. We will provide formal comments in the context of the application as soon as we have had the opportunity to peruse said documents.

We trust that you find the above in order and look forward to your reply.

Yours faithfully


.....
Gawie Makkink
gawie@origintrp.co.za

DIRECTOR: G S MAKKINK (SACPLAN: A/096/2008)

Copy of Interested and Affected Parties Register

COMPANY	ADDRESS	CONTACT PERSON	TELEPHONE	EMAIL ADDRESS
Department of Water and Sanitation	Azmo place, 49 Joubert Street, Polokwane, 0700	Mrs. Ratang	015 290 1200/ 071 886 3672	matswip@dws.gov.za
South African Heritage Resource Agency	432 Paul Kruger Street, Pretoria, 0002	Ms. Thingahangwi Tshivhase	012 320 8490	ttshivhase@sahra.gov.za
RAL	26 Rabe Street Polokwane 0700		015 284 4600/ 015 291 4236	info@ral.co.za
SANRAL			015 295 1000	
Department of Rural Development		Mr. Olebogeng Asieng	0152973539	olebogeng.aiseng@drdlr.gov.za
Molemole Local Municipality	Civic Centre, 44 Botha Street, Modjadjiskloof, 0838	Ms. Lerato Shoroma	082 578 9524/ (015) 309 9246	leratos@glm.gov.za
Limpopo Council of Geoscience	30A Schoeman Street, Polokwane, South Africa	Mr. Mothetha	0)15 295 3471	mmothetha@geoscience.org.za
Makgatho CPA	MUNNIK	Lincoln	015 491 3151	lmahlahare@um.co.za

Appendix F: Environmental Management Plan

**ENVIRONMENTAL MANAGEMENT PLAN OF THE PROPOSED R81 MUNNIK
INTERLINKED FILLING STATIONS ON FARMS HELPMALKAAR 819 LS REMAINING
EXTENT OF PORTION 2 AND UITSPANNING 820 LS WITHIN GREATER LETABA LOCAL
MUNICIPALITY, LIMPOPO PROVINCE**

13 MARCH 2018

PREPARED FOR: AUTUMN STAR TRADING (PTY) LTD

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MARCH 2018

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Environmental Assessment Practitioner (EAP)

Consultant (EAP)	Mmadibuke Consulting & Projects (Pty) Ltd
Junior Environmental Assessment Practitioner	Mokgadi Johanna Precious Ramoba
Cell phone	071 179 2776
Email	Precious@mmadibuke.co.za
Expertise	Miss Ramoba is a Junior Environmental Assessment Practitioner at Mmadibuke Consulting and Projects. Precious holds a degree in Environmental and Resource Studies from University of Limpopo.
Senior Environmental Assessment Practitioner (Reviewer)	Mr. Vusani Mbobvu
Cell phone	078 493 6904
Email	Vusani@mmadibuke.co.za
Expertise	Mr. Vusani Mbobvu is a Junior Environmental Assessment Practitioner at Mmadibuke Consulting & Projects with 4 years' experience in Environmental Management. He has expertise in Environmental Impact Assessment, Reports in Environmental Managements Programmes, Compiling of Basic Assessment Reports and conducting Public Participation Processes. Vusani Holds a Degree in Environmental Sciences from University of Venda and also has Applied Safety Health and Environment Principle Procedures from NOSA
Postal/Physical Address	250 Pretorius Building 250 Pretorius Street Pretoria 0002
Website	www.mmadibuke.co.za



DEFINITIONS

For the purpose of this document the following definitions will apply:

Construction activity refers to any action taken by the Contractor, his subcontractors, suppliers or personnel in undertaking the construction work.

Construction area(s) refers to all areas used by the Contractor in order to carry out the required construction activities. This includes all offices, accommodation facilities, testing facilities/laboratories, batching areas, storage & stockpiling areas, workshops, spoiling areas, access roads, traffic accommodation (e.g. bypasses), etc.

Contractor is a person or company appointed by the Applicant to carry out construction activities.

Emergency is an undesired event that does result in a significant environmental impact and requires the notification of the relevant statutory body, such as a Local Authority.

Environment means the surroundings within which humans exist and that are made up of - land, water and atmosphere; micro-organisms, plant and animal life; any part or combination of the above and the interrelationships among and between them; the physical, chemical, aesthetic and cultural properties and conditions of the foregoing that influence human health and well-being.

Environmental Control Officer is an individual appointed to monitor and audit the implementation and of the EMP.

Environmental Impact refers to any change to the environment, whether desirable or undesirable, that would result directly or indirectly from any construction activity.

Environmental Management Programme (EMPr) is a detailed plan of action prepared to ensure that recommendations for enhancing or ensuring positive impacts and limiting or preventing negative environmental impacts are implemented during the life cycle of a project.

Hazardous material/substances refer to any substance that contains an element of risk and could have a deleterious effect on the environment.

Incident is an undesired event which may result in a significant environmental impact but can be managed through internal response.

ABBREVIATIONS

LEDET	Limpopo Department of Economic Development, Environment and Tourism
DWS	Department of Water and Sanitation
EA	Environmental Authorisation
ECA	Environmental Conservation Act (Act No. 73 of 1989)
ECO	Environmental Control Officer
EIA	Environmental Impact Assessment
EMPr	Environmental Management Programme
ER	Employer's Representative
IAP	Interested and Affected Party
NEMA	National Environmental Management Act (Act No. 107 of 1998)
OP	Operations Manager

1. INTRODUCTION

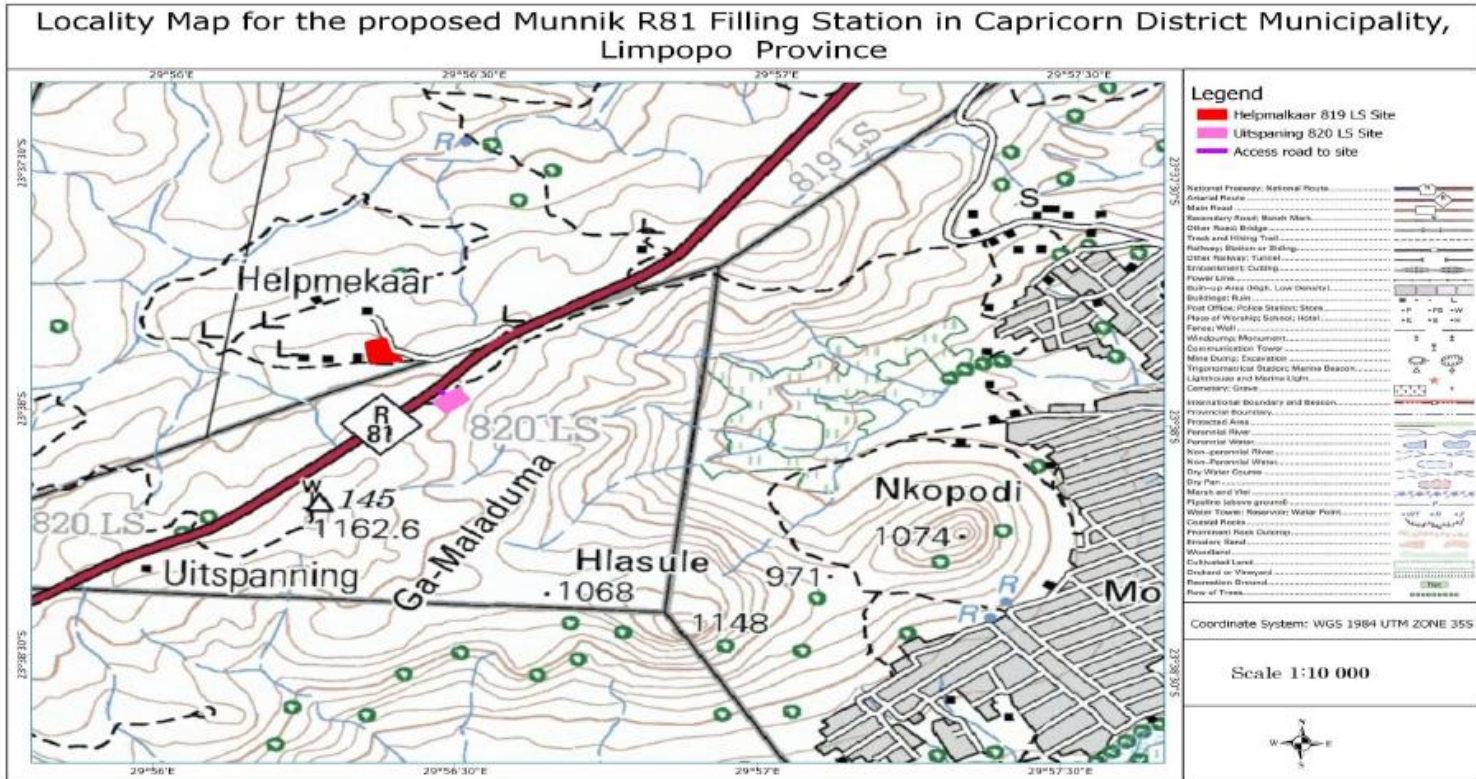
1.1. Project Background

Mmadibuke Consulting & Projects (Pty) Ltd have been appointed by Autumn Star Trading (Pty) Ltd to compile an Environmental Management Programme (EMPr) required for the proposed construction and operation of R81 Munnik interlinked Filling Stations and convenience store on farms Helpmalkaar 819 LS Remaining extent of portion 2 and Uitspanning 820 LS, Greater Letaba Local Municipality, Limpopo Province.


1.2. Project Description and Locality

The site is located alongside R81 road in Munnik on two farms (Helpmalkaar 819 LS Remaining extent of portion 2 and Uitspanning 820 LS with each property equalling 2ha). The total extent of the proposed development will be 40 000m².

Locality Map



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The proposed development of R81 Munnik Interlinked Filling Stations in Munnik will incorporate the following:

- Forecourts;
- Installation of 8x 46m³ underground storage tanks (USTs);
- Parking Bays;
- Restrooms (Toilets);
- Convenience store.
- Car wash

1.3. Aim of this documents

The purpose of this EMPr is to ensure that all environmental impacts from the various phases of development (i.e. planning, construction, operation and decommissioning) of the site are kept to a minimum. This includes detailing the roles and responsibilities of all parties with respect to environmental management during development, via the implementation and monitoring of this EMPr.

1.4. Status of the document

The provisions of this EMPr are binding on the Contractor (and his subcontractors, where applicable) during the Construction Period and Defects Liability Period of the contract. This specification must therefore be read in conjunction with all the documents that comprise the contract documents for this contract. In the event that any conflict occurs between the terms of the EMPr and the Project Specification, the terms of the EMPr shall stand.

Responsibility for environmental management on the site, as stipulated in the EMPr will be handed over from the Contractor to the Applicant upon issuing of a Completion Certificate at site handover.

2. PROJECT BACKGROUND

The proposed development of R81 Munnik Interlinked Filling Stations in Munnik will incorporate the following:

- Forecourt;
- Installation of 8x 46m³ underground storage tanks (USTs);
- Parking Bays;
- Restrooms (Toilets);
- Convenience store.
- Car wash

The total area of the site where proposed filling station will cover is 40 000m²;

2.1. Environmental Impact Assessment (EIA) Regulations (2014) as amended by the amendments to the EIA Regulations Listing Notices 1, 2 and 3 promulgated on 7 April 2017

On review of the Environmental Impact Assessment (EIA) Regulations (2014) as amended by the amendments to the EIA Regulations Listing Notices 1, 2 and 3 promulgated on 7 April 2017, the following Listed Activity pertains to the storage of dangerous goods:

- Listing Notice 1 (GNR 327), Activity 14 as **amended on 07 April 2017**, "The development of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80m³ or more, but not exceeding 500m³."

Interlinked Filling Stations will have a combined total capacity of 368m³ (i.e. 46m³ x 8) this Listed Activity is triggered as it exceeds the threshold of 80m³.

Based on the above, the Applicant seeks to obtain Environmental Authorisation from the Competent Authority, Limpopo Department of Economic Development, Environment and Tourism (LEDET) for the purpose of the commencement of the above mentioned activity.

The Applicant is reminded of Section 28 of the National Environmental Management Act (Act No. 107 of 1998) (NEMA), Duty of Care and Remediation of Environmental Damage, which states the following:

"(1) Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot be reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment. (2) the persons on whom subsection (1) imposes an obligation to take reasonable measures, including an owner of land, a person in control of land or premises, or a person who has a right to use the land or premises on which or in which – (a) any activity or process is or was performed or undertaken; or (b) any other situation exists, which causes or has caused or is likely to cause significant pollution or degradation of the environment. (3) The measures required in terms of subsection (1) may include measures to – (a) investigate, assess and evaluate the impact on the environment; (b) inform and educate Employees about the environmental risks of their work and the manner in which their tasks must be performed in order to avoid causing significant pollution or degradation of the environment; (c) cease, modify or control any act, activity or process causing pollution or degradation; (d) contain or prevent the movement of pollutants or the causing of degradation; (e) eliminate the source of the pollution or degradation; or (f) remedy the effects of the pollution or degradation..."


3. OTHER APPLICABLE LEGISLATIONS

Legislations/Act	Purpose/Application of the Act/Legislation
South African Constitution (No 108 of 1996)	<p>Chapter 2 of the Constitution comprises the Bill of Rights which makes provision for Environmental Rights. This notes that everyone has the right:</p> <ul style="list-style-type: none"> • To an environment that is not harmful to their health or well-being; and • To have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures that: <ul style="list-style-type: none"> ✓ Prevent pollution and ecological degradation; ✓ Promote conservation; and ✓ Secure ecologically sustainable development and use of natural resources while promoting justifiable economic and social development.
National Water Act, 1998 (Act No. 36 of 1998) (NWA)	<p>The primary purpose of this Act is to manage and control South Africa's water resources by:</p> <ul style="list-style-type: none"> • Meeting the basic human needs of present and future generations; • Promoting the efficient, sustainable and beneficial use of water in the public interest; • Providing for growing demands for water use; • Protecting aquatic and associated ecosystems and their biological diversity; • Reducing and preventing pollution and degradation of water resources and meeting international obligations.
National Environmental Management: Air	This Act provides for the control of dust, noise and offensive odours.

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<p>Quality Act, 2004 (Act No 39 of 2004) (NEMAQA)</p>	
<p>Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) (OHSA)</p>	<p>This Act makes provision in its Regulations for the general duties of employers to their employees. The Regulations make provisions for general duties of employers and self-employed persons to persons other than their employees.</p>
<p>National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEMWA)</p>	<p>This Act reformed the laws regulating waste management in order to protect health and the environment by providing reasonable measures for the prevention of pollution and ecological degradation and for securing ecologically sustainable development; to provide for institutional arrangements and planning matters; by providing for national norms and standards for regulating the management of waste by all spheres of government; by providing for specific waste management measures; by providing for licensing and control of waste management activities; by providing for the remediation of contaminated land; by providing for the national waste information system; and by providing for compliance and enforcement and for matters connected therewith.</p>

Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA)	This Act makes provision for the equitable access to and sustainable development of the Nation's mineral and petroleum resources and to provide for matters connected therewith.
------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



4. GENERAL REQUIREMENTS OF EMPr

4.1. EMPr Administration.

I. **Planning/Designing Phase**

Pro-active environmental measures minimize the chance of impacts taking place during the construction and operational phase. There is still the chance of accidental impacts taking place; however, through the incorporation of contingency plans (e.g. this EMPr) during the planning phase, the necessary corrective action can be taken to further limit potential impacts.

II. **Construction Phase**

During the Construction Phase, copies of this EMPr shall be kept at the Construction Site Office and must be distributed to all senior contract personnel. All senior personnel shall be required to familiarise themselves with the contents of this document and will further be required to sign a register confirming their understanding of the document. If necessary, the Contractor must conduct a training session with senior personnel regarding the implementation of the EMPr during the Construction Phase. Senior personnel will be required to educate their workers regarding the contents of this document and how to comply with its requirements. The register shall be continuously updated as changeover of senior personnel takes place.

III. **Operational Phase**

During the Operational Phase, a copy of this EMPr must be maintained by BP. All senior operational and maintenance staff will be required to familiarise themselves with the contents of the document and will have to sign a register to the effect that they have read and understood the contents of the document. If necessary, the ECO can conduct a training session with senior personnel regarding the implementation of the EMPr during the Operational Phase. Senior staff will be required to educate their operational staff as to the contents of this document and how to remain compliant.

IV. **Decommissioning Phase**

The same principles as noted in the Construction Phase will apply.

No decommission is envisaged for this development. Further, decommissioning is likely to trigger listed activities in terms of the National Environmental Management: Waste Act, 59 of 2008 which will require detailed assessment and authorization.

4.2. Roles and Responsibilities

4.2.1. LEDET

LEDET is the designated authority responsible for authorising the EMPr related to the development. LEDET has overall responsibility for ensuring that Edleen Circle Service Station complies with the conditions of this EMPr.

4.2.2. Autumn Star Trading (Pty) Ltd (Project Developer)

Under South African environmental legislation, the project developer (Autumn Star Trading (Pty) Ltd) is accountable for the potential impacts of the activities that are undertaken and is responsible for managing these impacts. The Licence Holder therefore has overall environmental responsibility to ensure that the implementation of this EMPr complies with the relevant legislation and the conditions of this EMPr. The Licence Holder will appoint a Contractor to undertake the construction and operation of the proposed development, but will still ultimately be responsible for any environmental impacts.

4.2.3. Employer's Representative (ER)

The appointed Civil and Consulting Engineers as the Employer's Representative (ER) would act as the Employer's on-site implementing agent, together with the appointed Contractors during the Construction, Operational and Decommissioning Phases. The ER will have the responsibility to ensure that the Employer's responsibilities are executed in compliance with the relevant legislation and this EMPr.

In addition to general project management, the ER, together with the Licence Holder, has the responsibility to appoint the Environmental Control Officer (ECO). Any on-site decisions regarding environmental management, however, are

ultimately the responsibility of the ER.

4.2.4. Environmental Control Officer (ECO)

The Environmental Control Officer (ECO) appointed to the project will monitor and review the on-site environmental management and implementation of this EMPr by the Contractor during the Construction and Decommissioning Phases and the Operational Manager (OM) during the Operational Phase. This will be done by conducting site audits for the duration of the contract and supplying monthly Audit Reports for submission to the Project Team, specific to the Construction and Decommissioning Phases, and bi-annual Audit Reports during the Operational Phase. The ECO's duties will include the following:

- Site inspections of all construction areas with regards to compliance with the EMPr;
- Monitoring and verifying that environmental impacts are kept to a minimum;
- Developing a checklist against which the criteria can be referenced during the audit; Investigate compliance of the project to the conditions of approval of the EMPr;
- Obtain and document evidence of any non-compliance and corroborate both verbal and physical evidence where possible;
- Compile monthly reports on the implementation of the EMPr during the
- Compiling a final Audit Report regarding the EMPr and its implementation during the
- Construction Period after completion of the contract and submit this report to the Applicant and the GDARD (if requested); and
- The ECO will continue to conduct bi-annual audits throughout the Operational Phase, for a period of one year, unless otherwise stated by the GDARD.

4.2.5. Contractor's Designated Environmental Officer (DEO)

The Contractor referred to is appointed by the Employer to undertake the detailed

design and the construction activities for the project.

The appointed Contractor will be required to appoint a competent individual as the Contractor's onsite Designated Environmental Officer (DEO). The selected DEO must be at least at Foreman level appointment and must fully familiarise him- / herself with the contents of this EMPr. He / she will be required to sign the register confirming his / her familiarity with the document. The DEO must furthermore possess the necessary skills to action environmental management to all personnel involved in the contract and must ensure compliance with the requirements of the EMPr on a daily basis.

4.2.6. Operations Manager

During the Operational Phase, the Operations Manager will have the responsibility to ensure that the Licence Holder's responsibilities are executed in compliance with the relevant legislation and this EMPr. Any on-site decisions regarding environmental management are ultimately the responsibility of the Operational Manager.

The Operations Manager is to fully familiarise him- / herself with the contents of this EMPr in terms of the Operational Phase. He / she will be required to sign the register confirming his / her familiarity with the document). The Operations Manager must furthermore possess the necessary skills to action environmental management to all personnel under the employment of the Licence Holder and must ensure compliance with the requirements of the EMPr on a daily basis.

4.2.7. Environmental Awareness Training

The Contractor and Operations Manager shall ensure that adequate Environmental Awareness Training of senior site personnel takes place and that all Construction and Operational Phase workers receive an Induction Presentation on the importance and implications of the EMPr.

The presentation shall be conducted, as far as possible, in the employees' language of choice.

As a minimum, training shall include:

- Explanation of the importance of complying with the EMPr;
- Discussion of the potential environmental impacts of construction / operational activities;
- The benefits of improved personal performance;
- Employees' roles and responsibilities, including emergency preparedness;
- Explanation of the mitigation measures that must be implemented when carrying out their activities;
- Explanation of the specifics of this EMPr and its implementation; and
- Explanation of the management structure of individuals responsible for matters pertaining to the EMPr.

The Contractor and Operations Manager shall keep records of all Environmental Training Sessions, including names, dates and the information presented. These records will be presented to the ECO on request during his / her audits.

5. ENFORCING THE EMPr

The Applicant, or their designated representatives, has an overall responsibility to ensure that all those people involved / appointed to the project are aware of and familiar with its environmental requirements. The EMPr shall be part of the terms of reference for all contractors, sub-contractors and suppliers. All contractors, sub-contractors and suppliers have to give some assurance that they understand the EMPr and that they will undertake to comply with the conditions therein.

All senior and supervisory staff members shall familiarise themselves with the full contents of the EMPr. They shall know and understand the specifications of the EMPr and shall be able to assist other staff members in matters relating to the implementation of the EMPr.

All parties involved in the project must sign an acknowledgement that they are familiar with the requirements of the EMPr. These records must be kept on file by the Applicant.

6. PHASES OF THE PROJECT

The following abbreviations will be applicable in all phases of the project:

ER = Employer's Representative / Implementing Agent

DEO = Designated Environmental Officer

C = Contractor

OM = Operations Manager

6.1. Planning/ Designing Phase

Planning/ Designing Phase	Management Objectives	Responsibility	Monitoring	Frequency
Disregard of legislative requirement				
Ensure compliance with all relevant legislation and legal standards.	Avoiding legal actions that could be taken against the developer	ER	Applicant	Ongoing
Poor design- Structural failures				
Consult with the relevant municipal departments during the detailed engineering phase to discuss the impact of the proposed project on existing service infrastructure.	Reduce unnecessary impacts on existing service infrastructure surrounding the proposed site and avoid potential planning impacts within the area	C & OP	ER	Ongoing

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6.2. Construction Phase

Construction Phase	Management Objectives	Responsibility	Monitoring	Frequency
Management of Loss in terrestrial vegetation & fauna habitat				
Maintain the viability of the indigenous seed bank in excavated soil so that it can be used for subsequent re-vegetation of any disturbed areas.	Ensure that the planted indigenous species are safely removed and relocated.	C	ER & DEO	Ongoing
Prevent impact of construction activities to extend on to neighbouring land- demarcated and fenced construction camp; strict control of labourers.		C	ER & DEO	Ongoing
All vehicles must be along existing lines or tracks.		C	ER & DEO	Ongoing
Search and rescue must be undertaken and, where possible, these species must be relocated to a suitable nursery or relocated to an alternate location within the site.		C	ER & DEO	Once-off before construction

Management of disturbance in fauna and flora communities				
Appropriately deal with fauna and flora encountered on site.	Ensure compliance with relevant Environmental Specifications for the control and removal of these species.	C	ECO	Weekly
Limit indiscriminate killing, persecution or hunting of fauna and Flora		C	ECO	Ongoing
Adhere to law and best practice guidelines regarding the displacement and relocation of CI fauna		C	ECO	Weekly
Increased risk of dust and erosion from clearing of vegetation and earth moving vehicles				
All vehicles must be along existing lines or tracks.	Prevent unnecessary respiratory dieses to the surrounding community	C	ER & DEO	Ongoing
Erosion protection measures must be implemented on the site to reduce erosion and sedimentation of the receiving environment. Measures could include: <ul style="list-style-type: none"> • Sediment traps • Sandbags • Bunding around soil stockpiles. 		C	ER & DEO	Ongoing

<p>Adequate dust control strategies should be applied to minimise dust disposition, they can include periodic spraying of roads with water, cover trucks to prevent dust emission during transportation.</p>		C	ER & DEO	Ongoing
<p>Increased risk of spillages associated with construction activities, maintenance and repair of vehicles</p>				
<p>Regularly check vehicles, machineries and equipment operating on site to ensure that none have leaks or cause spills of oil, diesel, grease or hydraulic fluid.</p>	<p>Reduce the spillage of petroleum effluent and the impact thereof on the environment.</p>	C	ER	Ongoing
<p>Emergency incident reporting and remedial measures must be in place.</p>		C	ECO	During construction
<p>Small oil spills must be cleaned immediately with an oil spill kit.</p>		C	ER	During construction
<p>Drip trays should be used during the servicing of vehicles. The content thereof must be disposed in accordance with relevant hazardous material disposal requirement.</p>		C	ER	During construction

Measures to contain spills must be readily available on site (Spill Kits).		C	ECO	Ongoing
All hazardous substance spills must be reported to the contractor and the ECO to be recorded and investigated.		C	ECO	Ongoing
Increased risk for soil, groundwater pollution resulting from poor waste management				

<p>Waste on site shall be strictly controlled and monitored. Only approved waste disposal methods shall be allowed and it includes the following:</p> <ul style="list-style-type: none"> • Topsoil- Topsoil must be spread unto areas that are to be grassed on site. • Material- Landfilled, spoiled in closed borrowed pit with permission from landowner or the pit owner. • General Construction Waste- Must be removed from bins at sufficient intervals to prevent overflow. This waste must be stored in skips within a designated waste storage area in the Contractor’s Camp. General waste must be transported to the local municipal General Waste Landfill Site by the Municipality, the Contractor or a private waste disposal Contractor. Service agreements in this regard must be obtained by the Applicant / Contractor prior to the commencement of construction activities. It is 	<p>To control petroleum products batching activities in order to prevent spillages and contamination of soil and ground water</p>	<p>C</p>	<p>ER & DEO</p>	<p>Ongoing</p>
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<p>recommended that general wastes be separated on site and delivered to appropriate depots for recycling. This would be facilitated by the provision of separate and labelled bins /skips.</p> <ul style="list-style-type: none"> • Hazardous construction waste- Must be stored in a designated, access controlled, sign posted and bunded storage area. This waste must be collected as and when necessary by an appropriately trained Service Provider and must be transported to a Hazardous Waste Landfill Site for disposal. 				
<p>Waste must not be buried on site.</p>		C	ER & DEO	Ongoing
<p>Potential noise impact from the use of construction equipment (for the construction of the proposed filling stations and associated infrastructure)</p>				
<p>Limit construction activities to day time hours.</p>	Prevent unnecessary impacts	C	ER & DEO	Daily

Construction personnel must wear personal protective equipment where appropriate.	on the surrounding environment by ensuring that the piling noise is mitigated.	C	ER & DEO	Daily
All machineries to be utilised on the site must be fitted with muffers and must be maintained in good working conditions in order to minimize noise.		C	ECO & DEO	Daily
The contractor shall warn all local community that could be affected by the noise generation from construction activities.		C	ECO	Daily
Increase in stormwater runoff resulting from construction activities				
To prevent stormwater damage, the increase stormwater runoff resulting from construction activities must be estimated and drainage patterns assessed accordingly. A drainage plan must be submitted to the Engineer for approval.	Reduce the contamination of stormwater.	C	ER & DEO	Ongoing
Temporary cut off drains and berms may be required to capture stormwater and promote infiltration.		C	ER & DEO	Ongoing

Potential health injuries to construction personnel as a result of construction work (i.e. welding fumes. This impact is rated as neutral.				
The contractor must ensure that all construction personnel are provided with adequate PPE for use where appropriate.	Prevent respiratory illnesses caused to the construction personnel.	C	ECO	Daily
Protection of Heritage and cultural features from disturbance of construction activities.				
SAHRA must immediately be alerted in case evident or artefacts, paleontological fossils, additional graves or heritage resources are discovered during the course of development.	Prevent damage and destruction to buildings, artefacts and materials of heritage significance.	C	ECO	As required/necessary during construction.
Carry out general monitoring of excavations for potential fossil heritage, artefacts and material of heritage importance.		C	ER & DEO	Daily during excavation work.

<p>Air quality impact: Emissions from construction vehicles and generation of dust as a result of earthworks, demolition, as well as the delivery and mixing of construction materials.</p>				
<p>Ensure that cleared (excavated) areas and unpaved surfaces are sprayed with water (obtained from an approved source) to minimise dust generation.</p>	<p>Reduce dust emissions during construction activities.</p>	<p>C</p>	<p>ECO & DEO</p>	<p>Weekly and during the reporting of incidents</p>
<p>Ensure that construction vehicles travelling on unpaved roads do not exceed a speed limit of 40 km/hour.</p>		<p>C</p>	<p>ER & DEO</p>	<p>Daily</p>
<p>Adequate dust control strategies should be applied to minimise dust deposition, for example: Periodic spraying of the entrance road and environmentally-friendly dust control measures (e.g. mulching and wetting) where and when dust is problematic</p>		<p>C</p>	<p>ECO, DEO & ER</p>	<p>Weekly and during the reporting of incidents</p>
<p>Socio-economic Impact: Employment creation and skills development opportunities during the construction phase, which is expected to give rise to approximately 10 new jobs. This impact is rated as positive.</p>				

Enhance the use of local labour and local skills as far as reasonably possible.	Maximise local employment and local business opportunities to promote and improve the local economy.	C	ER & DEO	During construction phase
Where the required skills do not occur locally, and where appropriate and applicable, ensure that relevant local individuals are trained.		C	ER	During construction phase
Ensure that an equitable percentage allocation is provided for local labour employment as well as specify the use of small-to-medium enterprises and training specifications in the Contractors contract.		C	ER	During construction phase

6.3. OPERATIONAL PHASE

Operational Phase	Management Objectives	Responsibility	Frequency	Method
Management of ground water contamination caused by leaks from the USTs				
The oil / water separator should be regularly checked and kept clean to prevent blockages and overflow. Any material collected must be disposed at an appropriately registered	Prevent unnecessary pollution impacts on ground water and surrounding environment	OM	Ongoing	Site inspection

waste disposal site.				
Follow acceptable maintenance and operational practices to ensure consistent, effective and safe performance of the infrastructure.		OM	Ongoing	Site inspection
Leak detection facilities must be installed and monitored on an ongoing basis.		OM	Ongoing	Site inspection
All accidental surface spills of oil or fuel must be contained on-site and diverted to the oil /water separator or similar.		OM	When the incident occurs	Site inspection
Potential impacts to groundwater to be monitored at observation wells. Light non-aqueous phase liquids (LNAPL) to be monitored using an electronic interface meter and groundwater samples collected should a leak be suspected based on the results of leak detection monitoring. Monitoring and sampling of groundwater in this instance is to be carried out by a competent practitioner.		OM	Ongoing	Site Inspection
Land contamination as a result of spillages that could occur during the transfer of petroleum products from road tanker				

to storage tanker				
Measure for emergency reporting and remedy must be provided.	Prevent unnecessary land contamination from petroleum products	OM	Ongoing	Site inspection
There must be compliance with SABS 089-3, 1999 when the installation of underground storage tanks, pumps/dispensers and pipe work at service stations and consumer installations.		OM	Ongoing	Site inspection
Train forecourt staff on implementation of spillage containment emergency plan, including usage of spill containment kit.		OM	Once off and when there is a need	Site inspection
Spillages that could result from vehicles fuelling				
Spillages must be restricted on the forecourt to greatest extent possible. Forecourt spillages are to be directed to an oil / water separator.	Prevent pollution on the surrounding environment	OM	Ongoing	Site inspection
Small spills (less than 1 litre) are to be mopped from hardened surfaces immediately to prevent contamination of stormwater runoff. Dry sand or sawdust can be utilised to soak up the spill. Water is not to be used as it will aid in spreading the fuel		OM	Ongoing	Site inspection

or oil.				
Potential noise impact from diesel trucks, vehicles braking and accelerating; staff of the filling stations could be disruptive				
Encourage vehicle drivers to switch off their engines when parked at the Fuel Filling Station (i.e. no idling). This will limit engine emissions. The use of appropriate signage can assist in this regard.	Prevent unnecessary impacts on the surrounding environment by ensuring that the drivers of road tankers minimise the use of air brakes.	OM	Daily	Site inspection
Provide strict management rules for personnel who are working at the filling stations.		OM	During induction of all employees	Site inspection
Potential impact on the health of operating personnel resulting in potential health injuries. This impact is rated as neutral				
Operational personnel must wear basic PPE (e.g. Filling station overalls.) as necessary during the operational phase.	To ensure that there are no adverse effects on the health of operating personnel.	OM	Daily	Site inspection

A complete First Aid Kit must be readily available on site and regularly serviced.		OM	Ongoing	Site inspection
Personnel must be trained in health and safety awareness and management of emergency situations.		OM	Once off (and thereafter as required for new operating personnel)	Proof of attendance to training sessions to be kept on file on site.
Fire Control				
Adequate firefighting training must be given to staff.	Preventing fire explosions on site	OM	Once off (and thereafter as required for new operating personnel)	Proof of attendance to training sessions to be kept on file on site.
Emergency numbers must be displayed with the correct		OM	Ongoing	Site inspection

details of the nearest firefighting station at all times.				
Prevent effluent from firefighting (foam, water, fuel, chemicals) from entering surface/groundwater, stormwater systems, and septic tanks.		OM	Ongoing	Site inspection
Ensure that relevant signage e.g. no smoking, is displayed in potentially dangerous areas and is abided by.		OM	Ongoing	Site inspection
Atmospheric pollution due to vapour tanks				
All UST ventilation points must be positioned away from any building ventilation inlet.	Preventing pollution on site	OM	Ongoing	Site inspection
All sample points must be enclosed and routed to drip tanks thus eliminating vapour within the site.		OM	Ongoing	Site inspection
Socio-economic Impact: Skills development opportunities and economic spin off activities will also occur during the operational phase. This impact is rated as positive.				
Enhance the use of local labour and local skills as far as reasonably possible.	Maximise local employment and local business opportunities to promote and improve the local economy	OM	Ongoing	Recruitment policy

Where the required skills do not occur locally, and where appropriate and applicable, ensure that relevant local individuals are trained.		OM	Ongoing	Maximise local employment for unskilled labour and provincial/national skilled labour.
Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible		OM	Ongoing	Procurement policy
Community impact through convenience stores of the filling stations				
Convenience store is to benefit community member who will get power to purchase at any time of the day.	Ensure that community benefit from the operation of the filling station	OM	Ongoing	Site inspection
Impact on the surrounding community in terms of visibility and great environment				
Ensure that surrounding gardens are well maintained. The planting of indigenous vegetation is encouraged.	Prevent night lights from impacting on surrounding visual	OM	Ongoing	Site inspection

	receptors by minimizing glare and light spill.			
Ensure that service station lighting does not disturb surrounding residents or users of surrounding roads (e.g. direction, glare, flashing).		OM	Ongoing	Site Inspection
Institute an appropriate building and site maintenance programme		OM	Ongoing	Site inspection

6.4. DECOMMISSIONING PHASE

At this stage decommissioning is not foreseen in the near future. At the time it might become applicable, an Environmental Impact Assessment must be undertaken in terms of Listed Activity Nr 31 (i) of R326 of the National Environmental Management Act, 1998 (Act No 107 of 1998), as amended; or else compliance with the environmental legislation requirements applicable at that time must take place.

7. NONE-COMPLIANCE

7.1. Procedures

The Contractor shall comply with the environmental specifications and requirements on an on-going basis and any failure on his / her part to do so will entitle the ER to impose a penalty.

In the event of non-compliance the following recommended process can be followed:

- The ER shall issue a Notice of Non-compliance to the Contractor, stating the nature and magnitude of the contravention. A copy shall be provided to the ECO during his / her site audit;
- The Contractor shall act to correct the non-conformance within 24 hours of receipt of the notice, or within a period that may be specified within the notice;
- The Contractor shall provide the ER with a written statement describing the actions to be taken to discontinue the non-conformance, the actions taken to mitigate its effects and the expected results of the actions. A copy shall be provided to the ECO;
- In the case of the Contractor failing to remedy the situation within the predetermined timeframe, the ER shall impose a monetary penalty based on the conditions of contract;
- In the case of non-compliance giving rise to physical environmental damage or destruction, the ER shall be entitled to undertake or to cause to be undertaken such remedial works as may be required to make good such damage and to recover from the Contractor the full costs incurred in doing so; and
- In the event of a dispute or difference of opinion between any parties arising out of the interpretation of the conditions of the EMPr, or a disagreement regarding the implementation or method of implementation of conditions of the EMPr, any

party shall be entitled to require that the issue be referred to specialists for arbitration.

The ER shall at all times have the right to stop work and/or certain activities on site in the case of noncompliance or failure to implement remediation measures.

7.2. Offences and Penalties

Any avoidable non-compliance with the conditions of the EMPr shall be considered sufficient ground for the imposition of a penalty. Possible offences, which must result in the issuing of a contractual penalty, include, but are not limited to:

- Unauthorised entrance into no-go areas;
- Unauthorised damage to natural vegetation;
- Unauthorised camp establishment (including stockpiling, storage etc.);
- Hydrocarbons/hazardous material: Negligent spills/leaks and insufficient storage;
- Ablution facilities: Non-use, insufficient facilities and insufficient maintenance;
- Late Method Statements or failure to submit Method Statements;
- Insufficient solid waste management (including clean-up of litter, unauthorised dumping and
- absence of weighbills as proof of disposal at a DWS registered landfill site);
- Erosion due to negligence/non-performance;
- Excessive cement / concrete spillage / contamination;
- Insufficient fire control and unauthorised fires;
- Preventable damage to water courses or pollution of water bodies; and
- Non-induction of staff.

8. CONCLUSION

In terms of NEMA, everyone is required to take reasonable measures to ensure that they do not pollute the environment. Reasonable measures include informing and educating employees about the environmental risks of their work and training them to operate in an environmentally responsible manner. Furthermore, in terms of NEMA, the cost to repair any environmental damage shall be borne by the person responsible for the damage.

If the above-mentioned management recommendations are adopted, it is anticipated that most of the negative environmental impacts associated with the construction and operation of R81 Munnik Interlinked Filling Stations, on the farms Helpmalkaar 819 LS remaining extent of portion 2 and Uitspanning 820 LS in Limpopo Province can be mitigated against. The appointed ECO will need to regularly monitor the site to ensure that the required environmental controls are in place and working effectively.

Appendix G: Other Information

CVs of EAPs and Company Profile

Vusani Mbobvu: Project Manager



Position in the company: Senior Environmental Assessment Practitioner
Full Name: Vusani Mbobvu
Specialization: Environmental Impact Assessment
Date of Birth: 15 June 1989
Nationality: South African

BIOSKETCH

Vusani holds a Bachelor degree in Environmental Sciences from the University of Venda; and has environmental experience with several companies in major cities such as Bloemfontein and Pretoria. The experience focused on impact assessment in mining and petroleum industry with the knowledge of community development with focus on stakeholder's engagement.

In 2013, Vusani has worked for government at Department of Water and Sanitation under water sector support directorate in a project of 2020 Vision for Water Education where the key areas involved stakeholder engagement. In 2015 Vusani started working for Multigreat Mine Consulting as an Environmental officer within the mining permit and prospecting right application section. His duties included facilitating prospecting right and mining permit applications through preparation of Basic Assessment Report; report writing and project management; participating in various forms of

various forms of environmental assessments (BAs, EIAs,); consultation with stakeholders and public meetings; and Project administration.

Since 2017, Vusani has been working for Mmadibuke Consulting and Projects (Pty) Ltd as an Environmental Assessment Practitioner for petroleum license acquisition projects. He is involved in a daily basis of managing projects that requires Environmental Authorisation from the competent authority. He leads projects in facilitating stakeholder’s consultation and any form of engagement, administration such as preparing quotation and doing site inspections.

Experience

Completion Date	Project Description	Role	Client
2016	Application of prospecting right of coal in the farm Rietfontein in Leandra, Mpumalanga	Environmental Officer: Stakeholder engagement and preparation of BAR	Life at its best enterprise
2016	Application of prospecting right of coal in the farm Rietfontein in Middleburg, Mpumalanga	Environmental Officer: Stakeholder engagement and preparation of BAR	Life at its best enterprise
2017 in progress	Application of Environmental Authorisation for the proposed MBT Lynnwood Filling Station	Environmental Assessment Practitioner: Stakeholder engagement	JPC Pioneer Developments (Pty) Ltd
2013-2014	2020 Vision for Water Education Programme (Aqua Enduro)	Mentor, Facilitator and a coach	Department of Water and Sanitation
2015-2016	Prospecting right of Diamond and alluvial stones in Thorp Farm Bloeberg, Limpopo- (Pty) Ltd.	Environmental Officer: Stakeholder engagement and preparation of BAR	Royal Coal

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2016 in progress	Prospecting right of Diamond in Nooitgedacht Farm, North West-	Environmental Officer: Stakeholder engagement and preparation of BAR	Aurico Gold
2017 in progress	Environmental Inquiries for land use in all province of South Africa for different projects	Environmental Assessment Practitioner: Stakeholder engagement	Several clients (To be provided if requested)
2016	Prospecting right of coal Bronkhospruit Farm, Nigel, Gauteng Province	Environmental Assessment Practitioner: Stakeholder engagement	Vharanani Mining (Pty) Ltd

Employment Record

- **2017-** Mmadibuke Consulting and Projects (Pty) Ltd- Environmental Assessment Practitioner
- **2015-2017-** Multigreat Mine Consulting (Pty) Ltd- Environmental Officer
- **2013-2014-** Department of Water and Sanitation – Water Sector Support (Intern)
- **2012-** Mal-ed Nutrition – University of Venda (Data Capturer)

Qualifications

- **2010 University of Venda (Bachelor of Environmental Sciences)**
Coursework: Climatology, Rural Geography and Development, Environment, Impact Assessment & Modeling, Introduction to Urban Planning, Resource Evaluation and Information System, Geomorphology, Population and Demography, Pollution and Environmental quality, Quantitative and qualitative research methods, Spatial organization of society, Principles of resource management, Patterns and processes in physical geography, Ecological principles of Environmental Management, Elements of remote sensing.

Short Courses, conferences and workshops

- 2012 Applying Safety, Health and Environment Principles Procedures with NOSA.
- 2014 Customer Service Delivery Course with Department of Water and Sanitation.
- 2014 Presentation skills course with Department of Water and Sanitation.
- 2014 attended 2020 Vision for water Education MOU with Department of Education workshop.
- 2014 attended Youth in water conference at Birchwood hotel
- Attended WESSA training in corporation with Department of Education relating to 2020 Vision for Water Education Programme.

Languages

	Speaking	Writing	Reading
Tshivenda	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Sepedi	Good	Fair	Fair

Precious Ramoba



Position in the company: Junior Environmental Assessment Practitioner
Full Name: Mokgadi Johanna Precious Ramoba
Specialization: Environmental Impact Assessment
Date of Birth: 22 October 1991
Nationality: South African

BIOSKETCH

Precious holds a Bachelor of Science in Environmental Resource Studies from the University of Limpopo; has started working as a junior Environmental Assessment Practitioner at Mmadibuke Consulting and Projects in January 2018.

Experience

Completion Date	Project Description	Role	Client
2018 in progress	Environmental Inquiries for land and Petroleum License applications.	Environmental Assessment Practitioner.	

Employment Record

- **2018-** Mmadibuke Consulting and Projects (Pty) Ltd-Junior Environmental Assessment Practitioner.

Qualifications

- **2018 University of Limpopo(Bachelor of Science in Environmental Resource Studies)**
Coursework: Applied Climatology, Applied Geomorphology, Economic Geography, settlement Geography, Regional Studies, Demographic and population studies, Introduction to Biological Studies, Solid waste management, Tourism Studies, Quantitative and qualitative techniques in Geography, Elements of Environmental management , Impact studies, Environment; Resource Planning and Management, Natural Resource Ecology, Environmental Resource Management, Applied GIS and Remote Sensing, Sustainable Resource Development, Plant Biology, Land Degradation and Research Project (Environment and Resource).

Languages

	Speaking	Writing	Reading
Sepedi	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

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