



**PROPOSED DEVELOPMENT OF AN OXIDATION  
POND SYSTEM AND SEWAGE LINES, SCHWEIZER  
RENEKE, NORTHWEST PROVINCE**

**Public Participation Report**

June 2023

Prepared for:



On behalf of:



Today's Impact | Tomorrow's Legacy

**APPENDIX E1: BACKGROUND INFORMATION DOCUMENT ..... 4**

**APPENDIX E2: PROOF OF PLACEMENT ADVERTS AND SITE NOTICES ..... 12**

**APPENDIX E3: PROOF OF WRITTEN NOTIFICATION TO LAND OWNERS..... 17**

**APPENDIX E4: COMMENTS AND RESPONSE REPORT..... 19**

**APPENDIX E5: PROOF OF WRITTEN NOTIFICATION TO GOVERNMENTAL  
AND AUTHORITIES..... 21**

## **1. INTRODUCTION**

The Public Participation Process (PPP) for this Basic Assessment Process was undertaken in accordance with section 54 of NEMA, and the public and relevant authorities and stakeholders were notified on the proposed project.

## **2. PHASE 1: PRE-APPLICATION PUBLIC ANNOUNCEMENT OF THE PROJECT**

### **2.1 NEWSPAPER ADVERT**

The preliminary advertisement was placed in the Beeld on the 2<sup>nd</sup> of February 2023 in accordance with section 24G of the NEAM regulations. Please find attached Appendix E2: Proof of Placement of newspaper advert

### **2.2 SITE NOTICES**

The site notices were placed in areas easily noticeable to the public on 23<sup>rd</sup> of January 2023. Site notices were placed on the boundary of the site as well as at public locations.

### **2.3 BACKGROUND INFORMATION DOCUMENT**

The Background Information Document was distributed to all adjacent landowners informing them of the 30-day commenting period which was open from 30 January 2023 to 1 March 2023. Hardcopies of an English Background Information Document was distributed to neighbouring landowners.

## **3. PHASE 2: INITIAL PUBLIC PARTICIPATION PROCESS**

### **3.1 BACKGROUND INFORMATION DOCUMENT**

The Background Information Document will be distributed again to all adjacent landowners informing them of the 30-day commenting period which will be open from 29 June 2023 to 31 July 2023. Email notifications will be sent to all relevant parties informing them of the 30-day commenting period.

### **3.2 NOTIFICATION OF STAKEHOLDERS AND I&APS**

Stakeholders and I&APs will be directly informed on the proposed project via the distribution of the Background Information Document, and they will be requested to submit their comments to the Environmental Assessment Practitioner.

Interested & Affected Party Comment Forms will be disseminated to all properties adjacent to the proposed development.

### **3.3 NOTIFICATION OF GOVERNMENTAL AND OTHER AUTHORITIES**

A number of Authorities and Organs of State will be directly informed on the proposed project via soft copies of the Basic Assessment Report and they will be requested to submit their comments to the Environmental Assessment Practitioner.

All the correspondence with Governmental and other Authorities will be added within the Final Basic Assessment

#### **4. COMMENTS AND RESPONSE DURING THE PUBLIC ANNOUNCEMENT OF THE PROJECT**

The EIA Regulations, 2021 specify that I&APs must have an opportunity to verify that their issues have been captured, through the inclusion of a Comments and Response Report (CRR) in the Draft and Final Basic Assessment Report.

The comments and response report will be included within the Final Basic Assessment Report.

#### **5. CONCLUSION**

It is concluded that the level of advertising, notification, and the mechanisms incorporated in the initial PPP, to inform the surrounding land users, I&APs and identified government authorities, is adequate.

# **APPENDIX E1: BACKGROUND INFORMATION DOCUMENT**

**Background Information Document distributed on 09 November 2022:**



**PROPOSED DEVELOPMENT OF AN OXIDATION POND SYSTEM AND TWO SEWAGE PIPELINES, SCHWEIZER RENEKE, NORTHWEST PROVINCE**

**Background Information Document**

Prepared for:



Today's Impact | Tomorrow's Legacy



Prepared by: ENVIROWORKS  
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King's Landing Trading 507 (Pty) Ltd trading as Enviroworks | Operating Since 2002



## Background Information Document

## 1. PROJECT OVERVIEW

Moedi Consulting Engineers on behalf of the Dr. Ruth Segomotsi Mompati District Municipality appointed Envirowork, an independent Environmental Consultant, for the proposed construction of an oxidation pond system and two gravity outfall sewer pipelines outside the urban area of Ipelegeng township on Portion 1 of the farm Schweizer-Reneke Town and Townlands 62 HO and Portion 21 of the farm Palachoema 64 HO, near Schweizer-Reneke, North West Province. The proposed development (the estimated construction duration is 18 months) will consist of the following:

The configuration of the existing sewer system entails that all wastewater generated in Ipelegeng gravitates to five (5) pumping stations. The current pumping system installed on site are not sufficient to convey wastewater to the Waste Water Treatment Plant (WWTP) and this results in spillages occurring due to the overloading of infrastructure. The motivation for the proposed project is twofold. Firstly, it will address the current capacity shortfall by reducing the inflow volume at pumping stations, and secondly, it will optimise the current sewer network to operate more efficiently by decreasing the pumping and repumping of sewage. It is proposed that two "cut-off" gravity outfall lines is installed to reduce the load on the pumping stations and furthermore, it is proposed that an oxidation pond are constructed to decommission Pumping Station A.

The proposed construction of the oxidation pond system will be in the vicinity of Pumping Station A. The establishment of a pond system will ensure that wastewater accumulates in the system regardless of external factors. Thus, the construction of this pond system will eradicate sewer spillages immediately. Due to the fact that the oxidation pond system does not require any electrical or mechanical equipment, the application is considered to be the most suitable cost-effective solution for the Ipelegeng sewer lines.

### 1.1. LOCALITY

Moedi Consulting Engineers on behalf of the Dr Ruth Segomotsi Mompati District Municipality proposes the construction of an oxidation pond system and two gravity outfall sewer pipelines outside the urban area of Ipelegeng township on Portion 1 of the farm Schweizer-Reneke Town and Townlands 62 HO and Portion 21 of the farm Palachoema 64 HO, near Schweizer-Reneke, North West Province. A locality map showing the proposed development area is provided in Figure 1.

Background Information Document

LOCALITY MAP

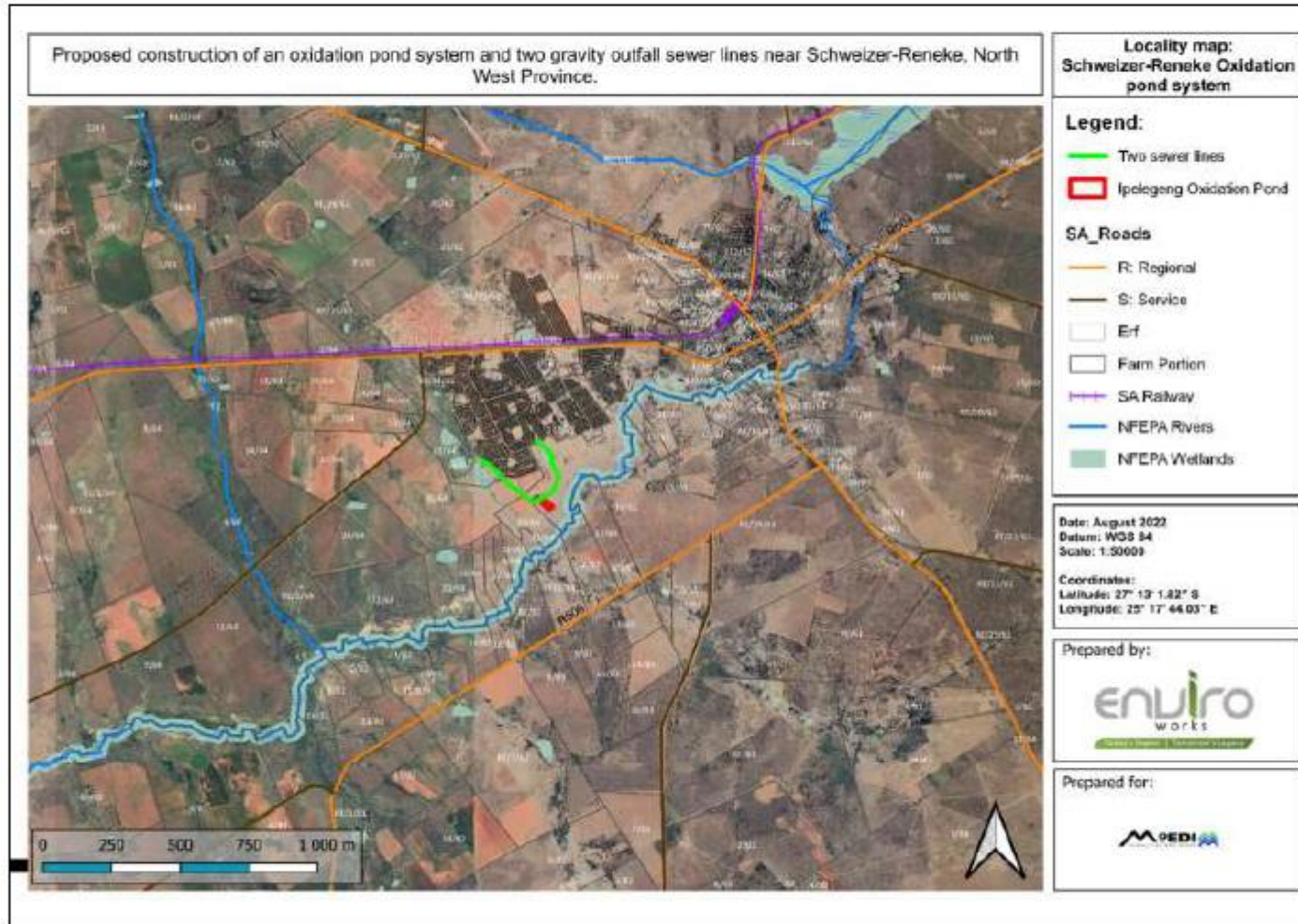


Figure 1: Locality of the proposed construction of the Oxidation pond system and two gravity outfall sewer pipelines, Schweizer Reneke, North West Province.



## Background Information Document

**2. THE BASIC ASSESSMENT PROCESS**

In the South African legislative framework, the National Environmental Management Act regulates development activities which may pose a risk to the integrity of the ecological and human environment.

Coupled with the NEMA, listed activities are provided, which describe the types of development, limits, expanse and nature where a Basic Assessment process is required. These are referred to as the NEMA EIA Regulations of 2017.

An initial review of the proposed development activity identified that the following listed activities will be triggered:

Indicate the number and date of the relevant notice:	Activity No (s) and Activity Description (in terms of the relevant notice)
GN.R. 327,	<b>10</b> The development and related operation of infrastructure exceeding 1 000 metres in length for the bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes – (i) With an internal diameter of 0.36 metres or more; or (ii) With a peak throughput of 120 litres per second or more. excluding where- (a) such infrastructure is for bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes inside a road reserve; or, (b) where such development will occur within an urban area.
GN.R. 327,	<b>19</b> The infilling or depositing of any material of more than 10 cubic meters into, or the dredging, excavation, removal, or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic meters from a watercourse.
GN.R. 327,	<b>25</b> The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or sewage with a daily throughput capacity of more than 2 000 cubic meters but less than 15 000 cubic meters.
GN.R. 327,	<b>27</b> The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation.
GN.R. 324	<b>12</b> The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. North West Province iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority; v) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act as adopted by the competent authority; or vi) Areas within a watercourse or wetland or within 100 metres from the edge of a watercourse or wetland.
GN.R. 324	<b>14</b> The development of – ii) Infrastructure or structures with a physical footprint of 10 square meters or more; Where such development occurs – (a) Within a watercourse; (b) In front of a

## Background Information Document

	development setback; or (c) If no development setback has been adopted, within 32 meters of a watercourse, measured from the edge of the watercourse; excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. North-West Province: iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority; v) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority.
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**National Heritage Resources Act, 1999 (Act No. 25 of 1999)**

**Section 38 (1):** *Subject to the provision of subsections (7), (8) and (9), any person who intends to undertake a development categorised as –*

**(c)** *Any development or other activity which will change the character of a site –*

**(i)** *Exceeding 5 000 m<sup>2</sup> in extent.*

**National Water Act, 1998 (Act No. 36 of 1998)**

**Section 21.** *For the purpose of this Act, water use includes –*

**(c):** *Impeding or diverting the flow of water in a watercourse.*

**(f):** *discharging waste or water containing waste into a water resource through a pipe, canal or other conduit.*

**(g):** *disposing of waste in manner which may detrimentally impact on a water resource.*

**(i):** *Altering the bed, banks, course or characteristics of a watercourse*

Moedi Consulting Engineers on behalf of the Dr Ruth Segomotsi Mompati District Municipality are therefore applying for a Water Use License in terms of Section 21 of the National Water Act 36 of 1998. The Water Use License Application will be submitted to the Competent Authority.

### 3. PUBLIC PARTICIPATION

It is a legal requirement to engage with Interested and Affected Parties (I&AP's) as part of the BA process.

The benefits of engaging with I&AP's are:

- It creates a platform where project-related issues can be debated and possible solutions can be sought;
- It solicits "hidden" knowledge of the wider community and their key concerns; and
- It encourages transparency and accountability.

The first step of the Public Participation Process (PPP) is to identify the key stakeholders and I&AP's, and to create a registration database, which will be used for ongoing communication during the course of the BA process. The identified stakeholders and I&AP's are encouraged to register their interest, concerns and issues in writing, so that all comments and/or concerns can be included in the submissions made to the Competent Authority as part of the approval process.

#### 3.1 HOW TO PARTICIPATE IN THE PUBLIC PARTICIPATION PROCESS

The PPP will be conducted in accordance with the EIA Regulations, 2017, and Guidelines for Public Participation Department of Environmental Affairs, 2017.

The public participation process will commence on 30 January 2023 and end on 1 March 2023.

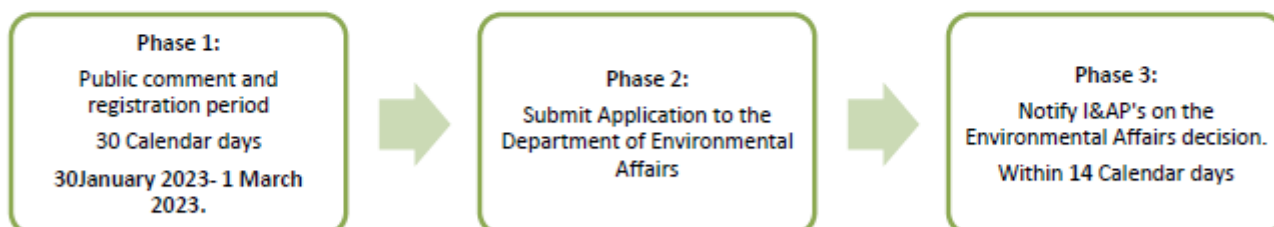
All stakeholders and I&AP's are hereby invited to comment on the abovementioned project. All comments and/or concerns (if any) should be communicated to the Environmental Assessment Practitioner (EAP), in order to address the comments and/or concerns of the I&AP's.

Any member of the public that wishes to partake in the PPP should register as an I&AP. An I&AP Registration form is attached on the last page of this document. The I&AP registration form should be submitted to Enviroworks before or on 1 March 2023.

All documentation regarding this BA process of the proposed project, will be available on the Enviroworks' website: [www.enviroworks.co.za](http://www.enviroworks.co.za) from 30 January 2023. All stakeholders, I&AP's, Authorities and Governmental Organisations will be informed on the availability all the documentation.

The Draft Technical Report that will be submitted as part of the Water Use Licence Application will be made available for public review. I&APs will be notified when the document will be available for review and will then have a 60-day opportunity to comment on it, prior to submission to the Department of Water and Sanitation for consideration.

#### 3.2 PUBLIC REVIEW PERIODS



## Background Information Document

**INTERESTED AND AFFECTED PARTY (I&AP) REGISTRATION FORM:**

To participate in this public participation process, please complete the following information in the table below.

<b>Name</b>			
<b>Organization</b>			
<b>Telephone</b>			
<b>Fax</b>			
<b>Cell</b>			
<b>Postal Address</b>			
<b>Physical Address</b>			
<b>Email</b>			
<b>Comments:</b>			
<b>Preferred method of report receipt (Please tick)</b>			
<b>Email</b>	<input type="checkbox"/>	<b>Web</b>	<input type="checkbox"/>
<b>Electronic CD</b>	<input type="checkbox"/>	<b>Hard Copy</b>	<input type="checkbox"/>

Upon submission of the registration form to Enviroworks, you will be registered as an I&AP, and be included on an I&AP's database which will ensure that you receive all future project information.

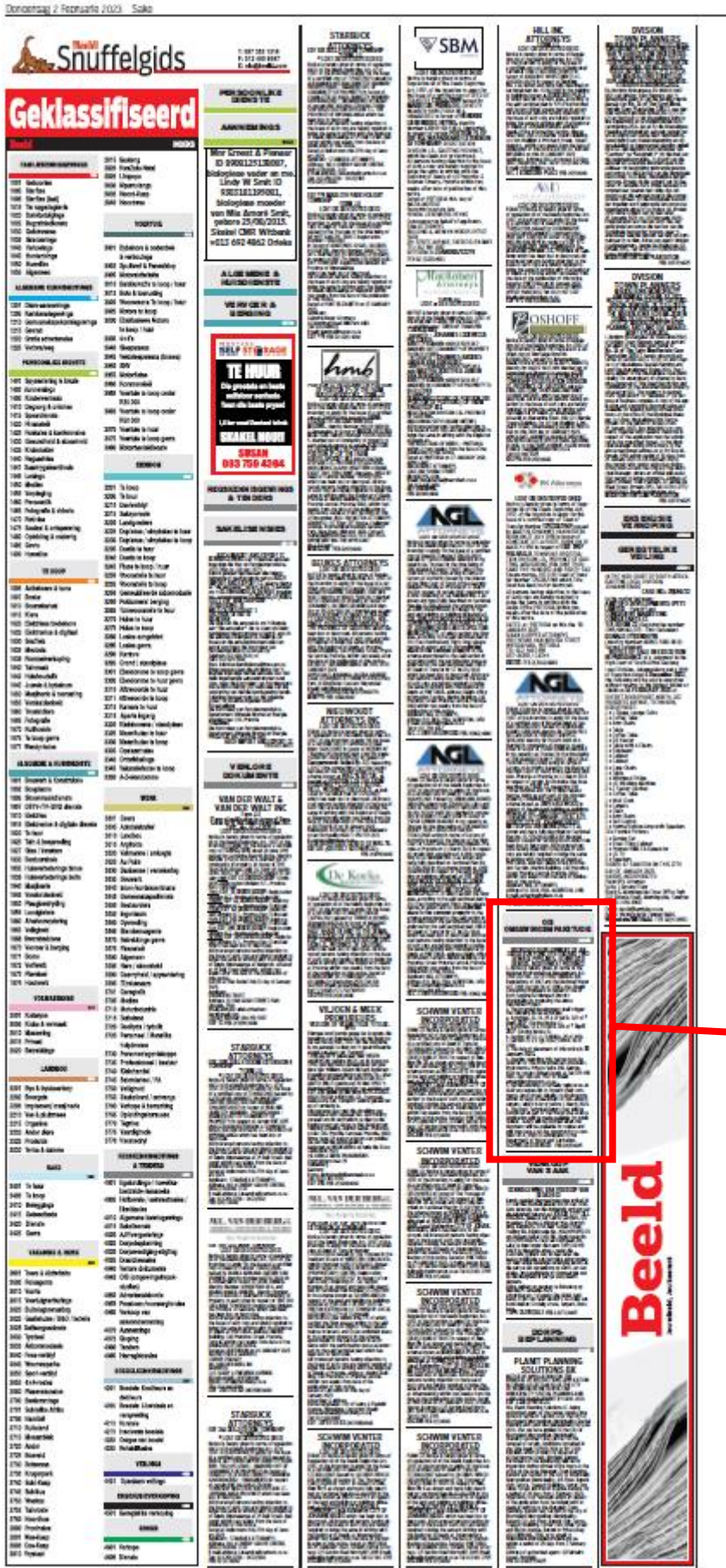
Please note that this participation period ends on **1 March 2023**.

The project EAP is **Me Edmari Lewis**; she can be contacted on the following details:

<b>Tel:</b>	079 459 9881
<b>Fax:</b>	086 719 7191
<b>Email:</b>	edmari@enviroworks.co.za
<b>Postal Address:</b>	Private Suite 208, George, 6529
<b>Physical Address:</b>	96 Merriman Street, George, Western Cape

# **APPENDIX E2: PROOF OF PLACEMENT ADVERTS AND SITE NOTICES**

Proof of Newspaper Advertisement Placement in the Beeld on 2 February 2023:



**OIS**  
**OMGEWINGSIMPAKSTUDIE**

**4045**

**PROPOSED DEVELOPMENT OF AN OXIDATION POND SYSTEM AND TWO SEWAGE PIPELINES, SCHWEIZER RENKE, NORTHWEST PROVINCE**

1. Notice is hereby given, in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) EIA Regulations of 2017 and the National Water Act, 1998 (Act No 36 of 1998), that Moedi Consulting Engineers on behalf of the Dr Ruth Segomotsi Mompati District Municipality is proposing the above mentioned Project.

2. The intended development shall trigger the following listed activities:

- Activities, 10, 19, 25 & 27 GN R. 327 of 7 April 2017 (Listing Notice 1).
- Activities, 12 & 14 GN R. 324 of 7 April 2017 (Listing Notice 3).
- Section 38 (1), (c, i) NHRA. 25 of 1999.
- Section 21 (c), (g), (i) & (f) NWA. 36 of 1998.

3. The date of placement of this notice is **30 January 2023**.

4. Queries regarding this matter must be referred to: The Environmental Consultant, Enviworks, Private Suite 208, George, 6529 or contact Edmari Lewis at Tel: 079 459 9881, Fax: 086 601 7507 or Email: [edmari@enviworks.co.za](mailto:edmari@enviworks.co.za).

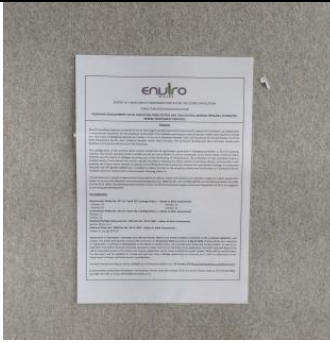


5. Parties wishing to formally register as an I&AP are requested to forward their comments (and contact details) to Enviworks within 30 days of placement of this advertisement, which is on or before 1 March 2023.

6. The Draft Technical Report that will be submitted as part of the Water Use Licence Application will be made available for public review. I&APs will be notified when the document will be available for review and will then have a 60-day opportunity to comment on it, prior to submission to the Department of Water and Sanitation.

**SCHWEIZER RENKE FEB 02(E)4045**






**Proof of Placement Site Notices: 23 January 2023.**

Place	Site Notice	Coordinates
Schweizer Reneke Biblioteek/Library		27°11'35.4"S 25°19'42.7"E
Edge of the proposed oxidation pond system		27°12'32.32"S 25°17'45.07"E
Edge of the proposed oxidation pond system		27°12'40.17"S 25°17'14.07"E



**Proof of Placement BID: 23 January 2023.**

	<p><b>Surrounding landowner</b></p> <p><b>27°13'6.99"S 25°17'29.91"E</b></p>
	<p><b>27°13'36.19"S 25°18'35.55"E</b></p>
	<p><b>27°12'17.12"S 25°17'54.50"</b></p>

# **APPENDIX E3: PROOF OF WRITTEN NOTIFICATION TO LAND OWNERS**

**List of Adjacent Land Owners and I&APs**

<b>NAME</b>	<b>CONTACT NUMBER</b>	<b>EMAIL ADDRESS</b>	<b>FARM/ERF NAME (OR BUSINESS)</b>
T.E Mohapi	0837609368	<a href="mailto:mamusaprimery@gmail.com">mamusaprimery@gmail.com</a>	Mamusaprimery 27°12'19.05"S 25°17'50.07"E
M. Ditsele	0604061976 0788238110	<a href="mailto:ipelegengcommunitycc@gmail.com">ipelegengcommunitycc@gmail.com</a>	27°12'17.12"S 25°17'54.50"E
O.P Lephonetse	0785927361	-	27°12'39.93"S 25°17'54.76"E
Seoliti	0717674570		27°12'29.30"S 25°17'13.76"E
S.E Batsietseng	0539637155		27°12'32.14"S 25°17'50.10"E
L.D Motlhabane	0834975659		27°12'32.14"S 25°17'50.10"E

# **APPENDIX E4: COMMENTS AND RESPONSE REPORT**

## Pre-Application Public Participation

Number	Organisation	Name	Tel/Cell	Email
To date no comments have been received				

# **APPENDIX E5: PROOF OF WRITTEN NOTIFICATION TO GOVERNMENTAL AND AUTHORITIES**

**List of Authorities and Organs of State**

ORGANISATION	NAME AND SURNAME	TEL/CELL	EMAIL
Municipal Manager - Mamusa Local Municipality	Mr Ruben Gincane	053 963 1331	<a href="mailto:gincaner@mamusalm.gov.za">gincaner@mamusalm.gov.za</a>
Mamusa Local Municipality Ward Councillor	Jeanette Nyathi	078 145 0527	<a href="mailto:410ancpco@gmail.com">410ancpco@gmail.com</a>
Acting Municipal Manager – Dr Ruth Segomotsi Mompoti District Municipality	Mr. Collen Colane	053 928 6400	<a href="mailto:colanen@bophirima.co.za">colanen@bophirima.co.za</a>
DEDECT - Chief Director for Environmental Services	Ms Lebogang Diale or Mr Jeff Motsumi	082 697 9433. / 018 388 1342	<a href="mailto:LDiale@nwpg.gov.za">LDiale@nwpg.gov.za</a>
Department of Public Works and Infrastructure	Mr. Ramabele Matlala	018 386 5268	<a href="mailto:Ramabele.Matlala@dpw.gov.za">Ramabele.Matlala@dpw.gov.za</a>
North West Department of Public Works and Roads Director - Dr Ruth Segomotsi Mompoti District Municipality	Mr. Ntogelang Tumelo	053 928 7200	
South African Heritage Resources Agency	Esther Khoza	012 320 8490	<a href="mailto:ekhoza@sahra.org.za">ekhoza@sahra.org.za</a>
Department of Agriculture	Emelda Setshako	060 745 4020	<a href="mailto:ESetshako@nwpg.gov.za">ESetshako@nwpg.gov.za</a>
South African Civil Aviation Authority			<a href="mailto:obstacles@caa.co.za">obstacles@caa.co.za</a>
North West Department of Defence	Jacob Motloug	018 293 3805	<a href="mailto:potch@sa-armyfoundation.co.za">potch@sa-armyfoundation.co.za</a>
SANRAL		012 426 6200	<a href="mailto:oliverj@nra.co.za">oliverj@nra.co.za</a>
ESKOM	Noxolo Galela	063 753 7396	<a href="mailto:GalelaN@eskom.co.za">GalelaN@eskom.co.za</a>
DWS - Case Official	Ramusiya Tshedza		<a href="mailto:RamusiyaT@dws.gov.za">RamusiyaT@dws.gov.za</a>

**This section will be completed after the initial public participation and included within the submission of the Final Basic Assessment Report.**