



ENERTRAG SOUTH AFRICA (PTY) LTD

HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY STAKEHOLDER ENGAGEMENT REPORT

MDARDLEA Reference Number: 1/3/1/16/1N-347

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ENERTRAG SOUTH AFRICA (PTY) LTD

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WSP
BUILDING C, KNIGHTSBRIDGE
33 SLOANE STREET
BRYANSTON, 2191
SOUTH AFRICA

TEL.: +27 11 361 1300
FAX: +27 11 361 1301
WSP.COM

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Prepared by	Thirushan Nadar	Thirushan Nadar		
Signature	-			
Checked by	Ashlea Strong	Ashlea Strong		
Signature	-			
Authorised by	Ashlea Strong	Ashlea Strong		
Signature	-			
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PREPARED BY

Thirushan Nadar
Consultant

REVIEWED BY

Ashlea Strong
Principal Associate (Environmental Assessment Practitioner)

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PRODUCTION TEAM

APPLICANT

Enertrag South Africa (Pty) Ltd Mercia Grimbeek

WSP

Project Manager / EAP Ashlea Strong
Environmental Consultant Thirushan Nadar

SPECIALISTS

Heritage Specialist Jaco van Der Walt & Marion Bamford ((Beyond Heritage)
Avifaunal Specialist Chris Van Rooyen & Albert Froneman (Chris Van Rooyen Consulting)
Ecology Specialist David Hoare (David Hoare Consulting (Pty) Ltd)
Surface Water & Wetland Specialist Stephen Burton
Socio-economic Specialist Pierre van Jaarsveld (Urban-Econ Development Economists)
Visual Specialist Kerry Schwartz (SLR Consulting (Pty) Ltd)
Risk Specialist Debra Mitchell (Ishecon cc)
Agriculture Specialist Johan Lanz
Bats Specialist Werner Marais (Animalia Consultants (Pty) Ltd)
Traffic Specialist Avheani Ramawa (JG Afrika (Pty) Ltd)
Geotechnical Specialist Mohammad Osman (SLR Consulting (Pty) Ltd)
Noise Specialist Morné de Jager (Enviro-Acoustic Research cc)
Geohydrological Specialist Ockie Scholtz (Shangoni Management Services (Pty) Ltd)



TABLE OF CONTENTS

1	INTRODUCTION.....	1
1.1	Project Background.....	1
1.2	Terms of Reference and Details of the EAP	2
1.3	Public Participation	2
1.4	Approach to Stakeholder Engagement.....	4
1.5	Approved Public Participation Plan	6
2	PUBLIC PARTICIPATION TO DATE	13
2.1	Pre-Application Consultation.....	13
2.2	Identification of Key Stakeholders.....	13
2.3	Comments Received.....	22

TABLES

TABLE 1-1:	DETAILS OF THE EAP	2
TABLE 1-2:	LEVEL OF PUBLIC PARTICIPATION AS PER PUBLIC PARTICIPATION GUIDELINE (DEA, 2017).....	4
TABLE 1-3:	APPROVED PUBLIC PARTICIPATION PLAN	6
TABLE 1-4:	MEETINGS.....	12
TABLE 2-1:	INTERESTED AND AFFECTED PARTIES TABLE	13
TABLE 2-2:	DATES ON WHICH THE ADVERT WAS PUBLISHED	14
TABLE 2-3:	SITE NOTICE LOCATIONS.....	15
TABLE 2-5:	COMMENTS RECEIVED TO DATE	23

APPENDICES

A	STAKEHOLDER DATABASE
B	NOTIFICATIONS
B-1	Advertisement
B-2	Site Notices
B-3	Notification Letter
B-4	E-mail Notifications
B-5	SMS Notifications
B-6	Proof of reports Availability
B-7	Courier Proof
C	MEETINGS
C-1	DFFE Pre-Application Meeting
D	COMMENTS
E	Final Scoping Report Approval

1 INTRODUCTION

1.1 PROJECT BACKGROUND

The proposed Hendrina GH&A Facility will be developed in an area of approximately 25 hectares (ha), 17km west of Hendrina, in Mpumalanga. The proposed Hendrina GH&A Facility falls within the Steve Tshwete Local Municipality of the Nkangala District Municipality.

There are five projects of the Hendrina Renewable Energy Complex are located within the same geographical area and are inevitably linked and integrated. The Hendrina Green Hydrogen and Ammonia Facility (GH&A), including grid connection infrastructure will be subject to a S&EIR process.

The focus of this Stakeholder Engagement Report is the proposed Hendrina GH&A project.

The proposed facility will connect directly to the nearby Collector substation through an up to 132kV powerline, which will supply the GH&A facility with green energy for the production of hydrogen (and ultimately Ammonia) via the Haber–Bosch process.

In order for the proposed project to proceed, it will require an Environmental Authorisation (EA) from the Competent Authority (CA) (i.e. the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)).

1.2 TERMS OF REFERENCE AND DETAILS OF THE EAP

WSP was appointed in the role of Independent EAP to undertake the S&EIA processes for the proposed Project. This Stakeholder Engagement Report was compiled as part of the Scoping process and must be read in conjunction with the Scoping in support of the EA application. **Table 1-1** details the relevant contact details of the EAP.

Table 1-1: Details of the EAP

EAP	WSP GROUP AFRICA (PTY) LTD
Contact Person:	Ashlea Strong
Physical Address:	Building C, Knightsbridge, 33 Sloane Street, Bryanston, Johannesburg
Postal Address:	P.O. Box 98867, Sloane Park 2151, Johannesburg
Telephone:	011 361 1392
Fax:	011 361 1301
Email:	Ashlea.Strong@wsp.com

To adequately identify and assess potential environmental impacts, the EAP was supported by a number of specialists, the details of which are provided in the EIA.

STATEMENT OF INDEPENDENCE

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

1.3 PUBLIC PARTICIPATION

Public participation is understood to be a series of inclusive and culturally appropriate interactions aimed at providing stakeholders with opportunities to express their views, so that these can be considered and incorporated into the decision-making process. Effective public participation requires the prior disclosure of relevant and adequate project information to enable stakeholders to understand the risks, impacts, and opportunities of the proposed Project.

Basic reasons why the public are involved in the EIA Process:

- The environment is held in public trust, therefore use of environmental resources is everyone's concern.
- To ensure that projects meet the citizens' needs and are suitable to the affected public.
- The project carries more legitimacy, and less hostility, if interested and affected parties (I&APs) are able to influence the decision-making process.
- The final decision is deemed informed when local knowledge and values are included and when expert knowledge is publicly examined.

1.3.1 OBJECTIVES

The objectives of the public participation process (PPP) can be summarised as follows:

- Identify relevant individuals, organisations and communities who may be interested in or affected by the proposed Project;
- Clearly outline the scope of the proposed Project, including the scale and nature of the existing and proposed activities;

- Identify viable proposed Project alternatives that will assist the relevant authorities in making an informed decision;
- Identify shortcomings and gaps in existing information;
- Identify key concerns, raised by I&APs that should be addressed in the subsequent specialist studies;
- Highlight the potential for environmental impacts, whether positive or negative; and
- To inform and provide the public with information and an understanding of the proposed Project, issues and solutions.

1.3.2 WHAT IS AN INTERESTED AN AFFECTED PARTY?

An I&AP is defined as any person, group of persons or organisations interested in or affected by an activity, and any organ of state that may have jurisdiction over any aspect of the activity.

The difference between an I&AP and a registered I&AP:

- An I&AP can be directly or indirectly impacted on by a proposed activity.
- A registered I&AP is a person whose name has been placed on the register of registered I&APs. According to the PPP Guidance document, 2017, only registered I&APs will be notified:
 - Of the availability of reports and other written submissions made to the competent authority (CA) by the Applicant, and be entitled to comment on these reports and submissions; and
 - Of the outcome of the application, the reasons for the decision, and that an appeal may be lodged against a decision.

For the purpose of this report, registered I&APs will be referred to as Stakeholders.

RIGHTS, ROLES AND RESPONSIBILITIES OF THE STAKEHOLDER

Registered stakeholders have the right to bring to the attention of the CA any issues that they believe may be of significance to the consideration of the application. The rights of stakeholder are qualified by certain obligations, namely:

- Stakeholders must ensure that their comments are submitted within the timeframes that have been approved by the DFFE, or within any extension of a timeframe agreed by the Proponent, EAP or competent authorities;
- Serve a copy of the comments submitted directly to the competent authorities, the Proponent or the EAP; and
- Disclose to the EAP any direct business, financial, personal or other interest that they might have in the approval or refusal of the application.

The roles of stakeholders in a public participation process usually include one or more of the following:

- Assisting in the identification and prioritisation of issues that need to be investigated;
- Making suggestions on alternatives and means of preventing, minimising and managing negative impacts and enhancing proposed Project benefits;
- Assisting in or commenting on the development of mutually acceptable criteria for the evaluation of decision options;
- Contributing information on public needs, values and expectations;
- Contributing local and traditional knowledge; and
- Verifying that their issues have been considered.

In order to participate effectively, stakeholders should:

- Become involved in the process as early as possible;
- Register as a stakeholder;
- Advise the EAP of other stakeholders who should be consulted;
- Contribute towards the design of the public participation process (including timeframes) to ensure that it is acceptable to all stakeholders;
- Follow the process once it has been accepted;
- Read the material provided and actively seek to understand the issues involved;

- Give timeous responses to correspondence;
- Be respectful and courteous towards other stakeholders;
- Refrain from making subjective, unfounded or ill-informed statements; and
- Recognise that the process is confined to issues that are directly relevant to the application.

1.4 APPROACH TO STAKEHOLDER ENGAGEMENT

Our approach to stakeholder engagement is based on the following principles:

- Undertake meaningful and timely participation with stakeholders;
- Focus on important issues during the process;
- Undertake due consideration of alternatives;
- Take accountability for information used;
- Encourage co-regulation, shared responsibility and a sense of ownership over the proposed Project lifecycle;
- Apply “due process” particularly with regard to public participation as provided for in the EIA Regulations; and
- Consider the needs, interests and values of stakeholders.

The Public Participation guideline in terms of the NEMA EIA Regulations, drafted by the DEA (now DFFE) in 2017, tabulates the level of Public Participation required for various levels of anticipated project impacts. This table has been used to identify additional Public Participation methods which are required for the Project. Highlighted cells indicate the applicable response to the anticipated impacts. Results of the process are shown in **Table 1-2** below.

Table 1-2: Level of Public Participation as per Public Participation Guideline (DEA, 2017)

SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Are the impacts of the project likely to extend beyond the boundaries of the local municipality?	Formal Consultation with other affected municipalities should be carried out during the PPP.	No need to have a formal consultation with other municipalities during PPP. Minimum requirements for public participation in accordance to EIA must be met.
Are the impacts of the project likely to extend beyond the boundaries of the province?	Formal Consultation with other affected provinces should be carried out during the PPP.	No need to have a formal consultation with other provinces during PPP. Minimum requirements for public participation in accordance to EIA must be met.
Is the project a greenfields development (a new development in a previously undisturbed area)?	Extensive consultation with Registered Interested and Affected Parties (RI&APs) might be required before a decision is taken on the project to in order to gather more information, and to ensure that there is minimal impact on the environment.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Does the area already suffer from socio-economic problems (e.g. job losses) or environmental problems (e.g. pollution), and is the project likely to exacerbate these?	Extensive consultation with RI&APs within the area should be undertaken, to gather more Information on both the socio-economic and environmental problems.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is the project expected to have a wide variety of impacts (e.g. socio-economic and ecological)?	Thorough consultation needs to be conducted with RI&APs, in order to address variety of impacts.	Minimum requirements for public participation in accordance to EIA Regulations must be met.

SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Public and environmental sensitivity of the project:		
Are there widespread public concerns about the potential negative impacts of the project?	Broader consultation with all RI&APs will need to be undertaken.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is there a high degree of conflict among RI&APs?	There might need to be more consultation to ensure that there is consensus reached among RI&APs.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Will the project impact on private land other than that of the applicant?	Consultation with the private landowner must be done, and all their concerns need to be addressed.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Does the project have the potential to create unrealistic expectations (e.g. that a new factory would create a large number of jobs)?	Thorough consultation that addresses the perceptions of unrealistic expectations needs to be carried out.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Potentially affected parties:		
Has very little previous public participation taken place in the area?	More thorough public participation should take place within the area, to ensure that all potential and RI&APs participate.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Did previous public participation processes in the area result in conflict?	Additional consultation might be needed to ensure that issues of conflict are addressed effectively.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Are there existing organisational structures (e.g. local forums) that can represent I&APs?	Organizational structures might minimise conflict whilst maximising the participation.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is the area characterised by high social diversity (i.t.o. socio-economic status, language or culture)?	Proper consultations that address language and cultural diversity should be promoted.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Were people in the area victims of unfair expropriations or relocation in the past?	PPP should be extensive and address any unfair practices that occurred in the past.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is there a high level of unemployment in the area?	The PPP should ensure that there are no unrealistic expectations created due to the project. The consultation should ensure that any unrealistic expectations are adequately addressed before the project starts.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Do the RI&APs have special needs (e.g. a lack of skills to read or write, disability, etc)?	Consultation should include mechanisms that will ensure full participation by people with special needs.	Minimum requirements for public participation in accordance to EIA Regulations must be met. Minimum requirements for PP in accordance to the Act must be met as well as best practices relating to PP.

1.5 APPROVED PUBLIC PARTICIPATION PLAN

As part of the pre-application consultation meeting held with MDARDLEA on 16 August 2022, the proposed plan for public participation was discussed. The PP Plan was also presented to MDARDLEA at the Pre-Application Meeting held on 16 August 2022 and it was approved during the meeting. **Table 1-3** below outlines the approved Public Participation Plan for the Hendrina GH&A facility.

Table 1-3: Approved Public Participation Plan

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)	PLAN/ACTIVITIES
<p>39 (1) If the proponent is not the owner or person in control of the land on which the activity is to be undertaken, the proponent must, before applying for an environmental authorisation in respect of such activity, obtain the written consent of the landowner or person in control of the land to undertake such activity on that land.</p>	<ul style="list-style-type: none"> — Landowner consent letters will be obtained for each of the farms portions where the proposed activities will be undertaken. Consent letters will be included in the Application forms for Environmental Authorisation.
<p>39 (2) Subregulation (1) does not apply in respect of—</p> <ol style="list-style-type: none"> a) linear activities; b) activities constituting, or activities directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral or petroleum resource; and c) strategic integrated projects as contemplated in the Infrastructure Development Act, 2014. 	<ul style="list-style-type: none"> — Landowner Consent Letters are not required for linear activities. — Notification letters of the Environmental Assessment Processes undertaken for the linear projects will be distributed via email and/or hand delivery (as required) to the directly impacted landowners or occupiers of the land.
<p>40 (1) The public participation process to which the—</p> <ol style="list-style-type: none"> a) basic assessment report and EMPr, and where applicable the closure plan, submitted in terms of regulation 19; and b) scoping report submitted in terms of regulation 21 and the environmental impact assessment report and EMPr submitted in terms of regulation 23; <p>was subjected to must give all potential or registered interested and affected parties, including the competent authority, a period of at least 30 days to submit comments on each of the basic assessment report, EMPr, scoping report and environmental impact assessment report, and where applicable the closure plan, as well as the report contemplated in regulation 32, if such reports or plans are submitted at different times.</p>	<ul style="list-style-type: none"> — Notification of the availability of the Scoping and Environmental Impact (S&EIA) Reports as relevant for the Hendrina GH&A facility, as well as the period for review will be sent to all identified and registered stakeholders via email and sms. — The Draft Reports will be made available to all stakeholders for a 30-day comment period as follows: <ul style="list-style-type: none"> — From WSP on request and electronic copies can be shared via secure links that will be emailed. — On the WSP website as well as on a data free website for download. — Hard copies of the Reports will be placed at the relevant public places such as libraries, community halls, ward councillor offices etc. — CDs and/or Hard Copies submitted to the relevant Organs of State. — Hard copy Submitted to the MDARDLEA. <p><i>Note: Should the COVID-19 level be level 3 or higher at time of disclosure, WSP will confirm with the local libraries, as to whether they are open and able to accept documents for public review. In the event that public places are not available due to COVID restrictions WSP will provide the Local Ward Councillors with copies of the reports to ensure that I&APs without access to the internet are provided access to the required documentation. Furthermore, the data free website will be available to all I&APs</i></p>
<p>40 (2) The public participation process contemplated in this regulation must provide access</p>	<ul style="list-style-type: none"> — Provision has been made to ensure all project information will be made available to all I&APs, and that they are afforded the

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)

PLAN/ACTIVITIES

<p>to all information that reasonably has or may have the potential to influence any decision with regard to an application unless access to that information is protected by law and must include consultation with—</p> <ul style="list-style-type: none"> a) the competent authority. b) every State department that administers a law relating to a matter affecting the environment relevant to an application for an environmental authorisation. c) all organs of state which have jurisdiction in respect of the activity to which the application relates; and d) all potential, or, where relevant, registered interested and affected parties. 	<p>opportunity to participate in the projects, as well as submit comments and raise any concerns and/or issues with regards to the proposed projects. This will include:</p> <ul style="list-style-type: none"> — Identification of stakeholders with a potential interest in the project will be at the outset of the project. — All stakeholders identified will be registered on the project stakeholder database, and the database will be maintained throughout the S&EIA process. — The stakeholder database will include all relevant authorities (government departments and relevant district and local municipalities), ward councillors, relevant conservation bodies and non-governmental organisations (NGO's), as well as neighbouring landowners and the surrounding community. — General communication (written notification) with identified stakeholders (public and other government departments/authorities) on the proposed projects. — Distribution of the Background Information Document (BID), inclusive of a Registration and Comments Form, to allow stakeholders to register and ensure all comments and queries regarding the projects are captured for inclusion in the relevant Stakeholder Engagement Reports. — Consultation of relevant communities via the Ward Councillor and/or community representative, in a manner determined and/or required during stakeholder engagement.
<p>40 (3) Potential or registered interested and affected parties, including the competent authority, may be provided with an opportunity to comment on reports and plans contemplated in subregulation (1) prior to submission of an application but must be provided with an opportunity to comment on such reports once an application has been submitted to the competent authority</p>	<ul style="list-style-type: none"> — Reports will be made available to all potential or registered I&APS following the submission of the applications to the MDARDLEA, that is during the legislated relevant report — Reports will be available on request, on the WSP website, and in hard copy at appropriate public places in the study area such as public libraries and municipal officers. — All I&APs will be provided an opportunity to comment on the reports and submit comments directly to the EAP. Comments can be submitted in the following ways: <ul style="list-style-type: none"> — Comments Forms via comment form booklets at public places or via fax or email — Written comments via email or fax — Telephonically for capturing by the EAP; and — Via Whatsapp or SMS (including the use of “please call me”).
<p>41(2) The person conducting a PPP must give notice to all potential I&APs by-</p> <ul style="list-style-type: none"> a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of— <ul style="list-style-type: none"> I. the site where the activity to which the application or proposed application relates is or is to be undertaken; and II. any alternative site; 	<ul style="list-style-type: none"> — Placement of site notices (in English, Afrikaans and IsiZulu) at appropriate locations on site (at the GH&A facility and at various points along the OHPL routes) and in the surrounding area. — This will include the boundary/access road to the sites, as well as additional public places within the greater Hendrina and Komati area, such as grocery stores, municipality, and/or local public libraries.
<p>(b) giving written notice, in any of the manners provided for in section 47D of the Act, to—</p>	<ul style="list-style-type: none"> — A written notification (in English, Afrikaans, and Isizulu) will be sent to owners and occupiers on or adjacent to the proposed project

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)

PLAN/ACTIVITIES

<ul style="list-style-type: none"> (i) the occupiers of the site and, if the proponent or applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken; (ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken; (iii) the municipal councillor of the ward in which the site and alternative site is situated and any organisation of ratepayers that represent the community in the area; (iv) (iv) the municipality which has jurisdiction in the area; (v) any organ of state having jurisdiction in respect of any aspect of the activity; and (vi) any other party as required by the competent authority; 	<ul style="list-style-type: none"> sites, municipality ward councillors, local and district municipality, and relevant state departments. — General communication (written notification) with stakeholders (public and government departments/authorities) throughout the respective environmental impact assessment (EIA). — Stakeholders will be added to the database on request as the project progresses.
<p>(c) placing an advertisement in—</p> <ul style="list-style-type: none"> (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; 	<p>An advert will be published in relevant local newspapers (in English, Afrikaans and IsiZulu), formally announcing the commencement of the Environmental Authorisation (EA) applications, requesting stakeholders to register their interest in the project, and informing them of the release of the Draft Scoping, EIA Reports for public review and comment.</p>
<p>(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 metropolitan or district municipality in which it is or will be undertaken.</p>	<p>It has been established that advertising in provincial and national newspapers is not required as the impact of the activities do not extend beyond the boundaries of the district municipality or province in which the Project will be undertaken.</p>
<p>(e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desirous of but unable to participate in the process due to—</p> <ul style="list-style-type: none"> I. illiteracy; II. disability; or III. any other disadvantage. 	<ul style="list-style-type: none"> — A consolidated I&AP database will be compiled for the project. Any existing I&AP databases for other projects in the area known to the applicant will be utilised as a basis for the database. These I&APs will be contacted to request formal consent to be included in the projects’ database, in line with the POPI Act. As part of the verification process, existing I&APs will be contacted telephonically and asked to confirm their preferred method of communication. — The relevant ward councillors will be contacted to ensure that community-based organisations are aware of the Project and can assist in distributing and communicating relevant Project information to community members. — Virtual focus group meetings will be held in each phase of the project. — In the event that face-to-face meetings are requested, these will be arranged on a case by case basis, taking into account the relevant COVID restrictions at the time of the request. — I&APs will be able to contact the EAP via email, fax, telephone, WhatsApp or SMS (Including the use of “please call me”).

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)

PLAN/ACTIVITIES

<p>41 (3) A notice, notice board or advertisement referred to in subregulation (2) must—</p> <p>(a) give details of the application or proposed application which is subjected to public participation; and</p> <p>(b) state—</p> <ol style="list-style-type: none"> i. whether basic assessment or S&EIR procedures are being applied to the application; ii. the nature and location of the activity to which the application relates; iii. where further information on the application or proposed application can be obtained; and iv. the manner in which and the person to whom representations in respect of the application or proposed application may be made. 	<p>— An advert will be published in relevant local newspapers (in English, Afrikaans and IsiZulu), formally announcing the commencement of the Environmental Authorisation (EA) applications, requesting stakeholders to register their interest in the project, and informing them of the release of the Draft Scoping, EIA Reports for public review and comment.</p> <p>— Site notices (in English, Afrikaans and IsiZulu) will be placed at appropriate locations on site) and in the surrounding area. The size and content of the site notices will be in line with Regulation 41 (3) and 41(4) as contained herein.</p>
<p>41 (4) A notice board referred to in subregulation (2) must—</p> <ol style="list-style-type: none"> (a) be of a size of at least 60cm by 42cm; and (b) display the required information in lettering and in a format as may be determined by the competent authority. 	
<p>41 (5) Where public participation is conducted in terms of this regulation for an application or proposed application, subregulation (2)(a), (b), (c) and (d) need not be complied with again during the additional public participation process contemplated in regulations 19(1)(b) or 23(1)(b) or the public participation process contemplated in regulation 21(2)(d), on condition that—</p> <ol style="list-style-type: none"> a) such process has been preceded by a public participation process which included compliance with subregulation (2)(a), (b), (c) and (d); and b) written notice is given to registered interested and affected parties regarding where the— <ol style="list-style-type: none"> i. revised basic assessment report or, EMPr or closure plan, as contemplated in regulation 19(1)(b); ii. revised environmental impact assessment report or EMPr as contemplated in regulation 23(1)(b); or iii. environmental impact assessment report and EMPr as contemplated in regulation 21(2)(d); <p>may be obtained, the manner in which and the person to whom representations on these reports or plans may be made and the date on which such representations are due.</p>	<p>— If the revised reports are required to undergo additional review, the requirements of Regulation 41(5) will be followed.</p>

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)

PLAN/ACTIVITIES

<p>41 (6) When complying with this regulation, the person conducting the public participation process must ensure that—</p> <ul style="list-style-type: none"> a) information containing all relevant facts in respect of the application or proposed application is made available to potential interested and affected parties; and b) participation by potential or registered interested and affected parties is facilitated in such a manner that all potential or registered interested and affected parties are provided with a reasonable opportunity to comment on the application or proposed application. 	<ul style="list-style-type: none"> — Provision has been made to ensure all project information will be made available to all I&APs, and that they are afforded the opportunity to participate in the projects, as well as submit comments and raise any concerns and/or issues with regards to the proposed projects. — A Notification Letter and BID will be compiled to provide preliminary information regarding the project and its location, as well as to invite comments from I&APs during the 30-day public review period of the Draft Reports. — All registered I&APs will be included in any communication regarding the application processes for the projects throughout the respective S&EIA process.
<p>41 (7) Where an environmental authorisation is required in terms of these Regulations and an authorisation, permit or licence is required in terms of a specific environmental management Act, the public participation process contemplated in this Chapter may be combined with any public participation processes prescribed in terms of a specific environmental management Act, on condition that all relevant authorities agree to such combination of processes.</p>	<ul style="list-style-type: none"> — Applications for the proposed projects will also be made under the National Water Act (NWA), through a Water Use Licence Application (WULA) or General Authorisation (GA) processes as applicable for the purposes of Water Use Authorisation under the National Water Act. A Public Participation Process (PPP) in terms of the EIA Regulations (contained herein) and the NWA will be undertaken
<p>(42) A proponent or applicant must ensure the opening and maintenance of a register of interested and affected parties and submit such a register to the competent authority, which register must contain the names, contact details and addresses of—</p> <ul style="list-style-type: none"> a) all persons who, as a consequence of the public participation process conducted in respect of that application, have submitted written comments or attended meetings with the proponent, applicant or EAP; b) (b) all persons who have requested the proponent or applicant, in writing, for their names to be placed on the register; and c) all organs of state which have jurisdiction in respect of the activity to which the application relates. 	<ul style="list-style-type: none"> — Stakeholders with a potential interest in the Project will be identified at the outset of the Project and will include all relevant authorities (government departments and the local and district municipalities), relevant conservation bodies and non-governmental organisations (NGO's), as well as landowners, neighbouring landowners and the surrounding community. — This stakeholder database will be updated on an ongoing basis as new stakeholders request to be registered. — All stakeholders identified will be registered on the project stakeholder database, and the database will be maintained throughout the EIA process. — The EAP will continue to ensure that individuals/organisations from referrals and networking are notified of the proposed project.
<p>(43) (1) A registered interested and affected party is entitled to comment, in writing, on all reports or plans submitted to such party during the public participation process contemplated in these Regulations and to bring to the attention of the proponent or applicant any issues which that party believes may be of significance to the consideration of the application, provided that the interested and affected party discloses any direct business, financial, personal or other interest which that party may have in the approval or refusal of the application. (2) In order to give effect to section 24O of the Act, any State department that administers a law relating to a matter affecting the environment</p>	<p>All Draft Reports will be made available to all stakeholders for a 30-day comment period. Strict adherence to all COVID-19 protocols and regulations as well as best practice measures will be ensured throughout PPP. As a result, the Draft Reports will be made available to stakeholders as follows:</p> <ul style="list-style-type: none"> — From WSP on request and electronic copies can be shared via secure links that will be emailed. — On the WSP website and on a data free website for download. — Hard copies of the Reports will be placed at the relevant public places such as libraries, community halls, ward councillor offices — CDs and/or Hard Copies submitted to the relevant Organs of State. — Hard copies Submitted to the MDARDLEA.

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)

PLAN/ACTIVITIES

<p>must be requested, subject to regulation 7(2), to comment within 30 days.</p>	<p>Comment forms (in a bound booklet) will be placed with the Draft Reports at the abovementioned public places. These booklets will be collected at the end of the public review period as required. In addition, the contact details of EAP will be provided should the I&AP wish to contact the EAP directly.</p> <p><i>Note: Should the COVID-19 level be level 3 or higher at time of disclosure, WSP will confirm with the local libraries as to whether they are open and able to accept documents for public review. In the event that public places are not available due to COVID restrictions WSP will provide the Local Ward Councillors with copies of the reports to ensure that I&APs without access to the internet are provided access to the required documentation. Furthermore, the data free website will be available to all I&APs.</i></p> <p>A Comment and Response Report (CRR) will be generated for inclusion in Final Reports for consideration by the competent authority.</p>
<p>44 (1) The applicant must ensure that the comments of interested and affected parties are recorded in reports and plans and that such written comments, including responses to such comments and records of meetings, are attached to the reports and plans that are submitted to the competent authority in terms of these Regulations.</p> <p>(2) Where a person desires but is unable to access written comments as contemplated in subregulation (1) due to—</p> <ol style="list-style-type: none"> a lack of skills to read or write; disability; or any other disadvantage; reasonable alternative methods of recording comments must be provided for. 	<p>All I&APs will be able to submit comments directly to the EAP in the following ways:</p> <ul style="list-style-type: none"> — Comments Forms via comment form booklets at public places or via fax or email — Written comments via email or fax — Telephonically for capturing by the EAP; and — Via WhatsApp or SMS. <p>Comments received telephonically will be transcribed and captured as formal comments in the Comments and Responses Report. I&APs that do not have access to internet or emails will also be able to submit via the consultation process that includes engaging with the Ward Councillor and/or Community Representative.</p>
<p>Regulation 44 (2) The applicant must, in writing, within 14 days of the date of the decision on the application ensure that—</p> <ol style="list-style-type: none"> all registered interested and affected parties are provided with access to the decision and the reasons for such decision; and the attention of all registered interested and affected parties is drawn to the fact that an appeal maybe lodged against the decision in terms of the National Appeal Regulations, if such appeal is available in the circumstances of the decision. 	<p>Written notification of the decision on the EAs will be sent to all registered I&APs, as well as communicated via Ward Councillors to I&APs that do not have access to internet and emails. Registered I&APs will be informed of the appeal procedure as well as advised that copies of the EA decisions can be provided on request.</p>

Table 1-4: Meetings

PROJECT MEETINGS

Pre-Application Meeting	A virtual pre-application meeting was held on 16 August 2022 with the MDARDLEA to discuss the proposed projects, proposed approach, and confirm the processes.
Public and/or Focus Group Meetings	No Virtual focus group meetings have been requested during the Scoping Phase by the I&APs as stipulated in the BID and other notification documents.
Site visit with MDARDLEA	A site visit was conducted with the case officer, Dineo Tswai from MDARDLEA on the 21 February 2023 .

2 PUBLIC PARTICIPATION TO DATE

2.1 PRE-APPLICATION CONSULTATION

A virtual pre-application meeting was held on **16 August 2022** with the MDARDLEA to discuss the proposed Hendrina GH&A Facility project. The minutes of the meeting (inclusive of the proposed public participation plan) are included in **Appendix C-1**.

2.2 IDENTIFICATION OF KEY STAKEHOLDERS

Section 41 of the EIA Regulations (2014, as amended) states that written notices must be given to identified stakeholders as outlined in **Table 2-1**.

Relevant authorities (Organs of State) have been automatically registered as I&APs. In accordance with the EIA Regulations, 2014 (as amended), all other persons must request in writing to be placed on the register, submit written comments, or attend meetings to be registered as stakeholders, and included in future communication regarding the Project.

Table 2-1: Interested and Affected Parties Table

NEMA REQUIREMENT	DISCUSSION
<i>(i) the owner or person in control of that land if the applicant is not the owner or person in control of the land</i>	The project activity is located on multiple portions of privately owned land. The landowners have been included on the stakeholder database.
<i>(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</i>	All landowners have been contacted to confirm whether there are any occupiers on the land portions. Where applicable, occupiers have been included on the database.
<i>(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</i>	Adjacent landowner details were collected and have been included on the stakeholder database. Where applicable, occupiers have been included on the database.
<i>(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</i>	Ward Councillors of Ward 3 and Ward 4 for the Steve Tshwete Local Municipality have been included on the stakeholder database.
<i>(v) the municipality which has jurisdiction in the area</i>	The Steve Tshwete Local Municipality, which is located in the Nkangala District Municipality (Mpumalanga Province), both Local and District Municipalities have been included on the stakeholder database.
<i>(vi) any organ of state having jurisdiction in respect of any aspect of the activity</i>	MDARDLEA has been, and will continue to be, consulted. The DFFE has been included on the stakeholder database.
<i>(vii) any other party as required by the competent authority.</i>	All tiers of government, namely, national, provincial, local government and parastatals have been included on the stakeholder database. Inclusive of: <ul style="list-style-type: none"> — Department of Mineral Resources and Energy (DMRE) — Mpumalanga Departments of Water and Sanitation (DWS) — DFFE — Department of Rural Development and Land Reform — Department of Forestry, Fisheries and Environment (DFFE) — Mpumalanga Department of Water and Sanitation: Oliphant's Proto-CMA

NEMA REQUIREMENT	DISCUSSION
	<ul style="list-style-type: none"> — Mpumalanga Department of Social Development — Mpumalanga Department of Public Works, Roads and Transport (DPWR) — Mpumalanga Department of Co-Operative Governance and Traditional Affairs — Mpumalanga Heritage Resources Authority — Department of Defence Force Mpumalanga — South African Heritage Resource Agency (SAHRA) — Transnet Freight Rail — Steve Tshwete Local Municipality — Nkangala District Municipality — Eskom — BirdLife South Africa — South African National Biodiversity Institute (SANBI) — Mpumalanga Tourism and Parks Agency

Appendix A provides a list of stakeholders registered on the Project database. The stakeholders along with the date on which they registered and reference to comments received, where applicable, are indicated in **Table 2-4**. The stakeholder database has been updated throughout the EIA process.

2.2.1 NOTIFICATION PROCEDURES

DIRECT NOTIFICATION

Notification of the proposed Project was issued to potential Stakeholders, via direct correspondence (i.e. SMSs and e-mail) on **23 November 2022**. The notification letter that was circulated is included in **Appendix B-3** of this report. Proof of e-mail and SMS notification are included in **Appendix B-4** and **Appendix B-5**.

ADVERTISEMENT

Notification of the proposed Project was issued to the general public via an advertisement on **23 November 2022**. The purpose of the advertisement was to notify the general public of the proposed application and provide an opportunity to register on the Project database and provide input into the process. A copy of the advertisements and proof of their publication are included as **Appendix B-1**. The advertisement publication details are provided in **Table 2-2**.

Table 2-2: Dates on which the advert was published

NEWSPAPER	PUBLICATION DATE	LANGUAGE
Middelburg Herald	25 November 2022	English and Zulu
Standerton Newspaper	25 November 2022	Afrikaans

SITE NOTICES

In accordance with GNR 326 Section 41(2)(a-b) site notices were developed (see **Appendix B-2**) and placed at Six (6) strategic points in close proximity to the proposed site, as well as public places within the Steve Tshwete Local Municipality. The site notices were placed on site on 25 November 2022.

Table 2-3 below shows details and proof of display.


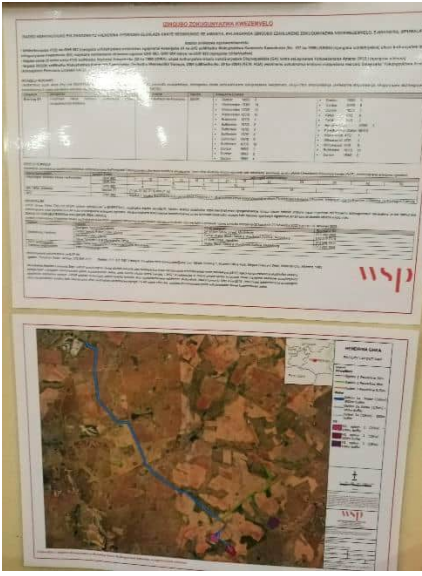

Table 2-3: Site Notice Locations

LOCATION	CO-ORDINATES	PHOTOGRAPHS
Gerard Sekoto Library	25°46'24.5"S 29°27'22.1"E	
Hendrina Public Library	26°09'37.5"S 29°43'00.1"E	

LOCATION

CO-ORDINATES

PHOTOGRAPHS

		 
Nkangala District Municipality	25°47'01.7"S 29°26'31.5"E	

LOCATION

CO-ORDINATES

PHOTOGRAPHS



Pullenshope, The Rec Kiosk

26°01'05.3"S
29°35'50.9"E



LOCATION

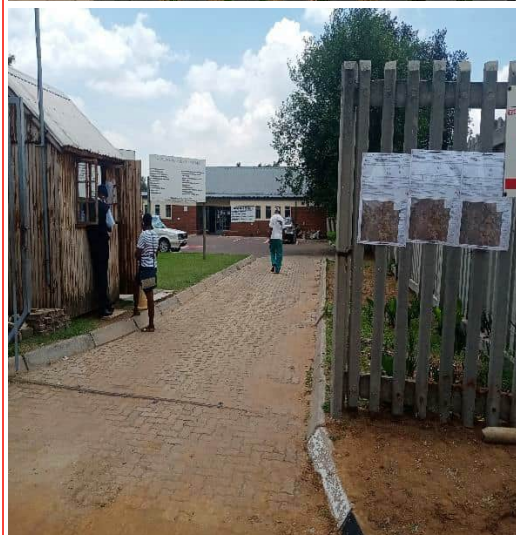
CO-ORDINATES

PHOTOGRAPHS



Hendrina Clinic


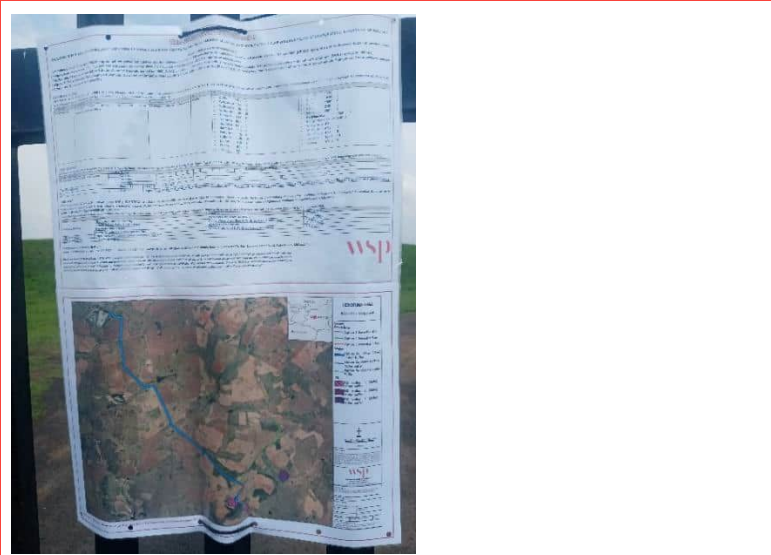
26°09'36.8"S
29°42'56.6"E



LOCATION

CO-ORDINATES

PHOTOGRAPHS

<p>Komati Library</p>	<p>26°05'35.7"S 29°27'46.1"E</p>	
<p>Site notice— Along the R35</p>	<p>26° 5'56.48"S 29°28'48.61"E</p>	

LOCATION

CO-ORDINATES

PHOTOGRAPHS

		
Site notice – Along the R542	26° 8'59.55"S 29°36'28.65"E	 

LOCATION**CO-ORDINATES****PHOTOGRAPHS**

Site Notice	26°11'17.24"S 29°33'17.34"E	
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AVAILABILITY OF DRAFT SCOPING REPORT

The Draft Scoping Report was placed on public review for a period of at least 30 days from **25 November 2022 to 16 January 2023**, at the venues as follows:

- Gerard Sekoto Library;
- Hendrina Public Library;
- Steve Tshwete Local Municipality Office;
- Nkangala District Municipality office
- WSP website (<https://www.wsp.com/en-ZA/services/public-documents>); and
- Datafree Website (<https://wsp-engage.com/>)

The Draft Reports were made available to Commenting Authorities and I&APS via a One Drive link.

Proof of display of the Draft Scoping Report is provided in **Appendix B-6**.

AVAILABILITY OF FINAL SCOPING REPORT

The Final Scoping Report was submitted to MDARDLEA, Commenting authorities and I&APs on the **25 January 2023**.

The Final Reports were made available to Commenting Authorities and I&APS via a One Drive link

- WSP website (<https://www.wsp.com/en-ZA/services/public-documents>); and
- Datafree Website (<https://wsp-engage.com/>)

The Final Scoping Report (FSR) and the plan of study for the environmental impact assessment was received on 15 March 2023 (dated 14 March 2023), from MDARDLEA and is included in **Appendix E**.

AVAILABILITY OF THE DRAFT EIAR

The Draft EIA Report will be placed on public review for a period of at least 30 days from **8 May 2023 to 7 June 2023**, at the venues as follows:

- Gerard Sekoto Library;
- Hendrina Public Library;
- Steve Tshwete Local Municipality Office;
- Nkangala District Municipality office
- WSP website (<https://www.wsp.com/en-ZA/services/public-documents>); and
- Datafree Website (<https://wsp-engage.com/>)

The Draft Reports were made available to Commenting Authorities and I&APS via a One Drive link.

2.2.2 STAKEHOLDER REGISTRATION

All stakeholders that either called in or sent written correspondence, such as emails, fax, or post, to the EAP have been added to the database and their comments and/or queries have been responded to.

2.3 COMMENTS RECEIVED

Comments received from registered stakeholders to date have been captured and responded to within the comments and response tables included in **Table 2-4** below. The original comments and responses are included in **Appendix D**.

Table 2-4: Comments received to date

DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/I&AP	COMMENTS	RESPONSE	REPORT REFERENCE
Transnet Freight Rail JHB			
27 November 2022 Email Correspondence Livhuwani Ndou	Dear Zanele For consideration. NB: Thirushan, please send future communications regarding this matter to Ms. Zanele Manyathi. Kind regards Ndou	EAP: Dear Ndou, Thank you for the response. WSP can confirm that we have Ms. Zanele Manyathi on the I&AP database and that the original mail was also sent to her regarding the proposed Hendrina Green hydrogen and ammonia facility.	Appendix A of this SER
SAHRIS			
13 January 2023 Official Letter Response Natasha Higgitt Heritage Officer: Archaeology, Palaeontology Meteorites Unit	The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina Green Hydrogen and Ammonia Facility located near Hendrina in the Mpumalanga Province. The project is located within the Steve Tshwete Local Municipality in the Mpumalanga Province. WSP Group Africa (Pty) Ltd has been appointed by Enertrag SA to conduct an Environmental Authorisation (EA) Application for the proposed Green Hydrogen and Ammonia Facility, near Hendrina, Mpumalanga Province. A draft Scoping Report (DSR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include a powerline (3 route options have been considered), a processing facility (3 location options have been considered), water reservoir, water pipeline (3 route options have been considered). Beyond Heritage was appointed to provide heritage specialist input into the EA process as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).	EAP: WSP acknowledges this comment and confirms it to be correct.	

**DATE OF COMMENT,
FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	<p>Van der Walt, J. 2022. Heritage Impact Assessment for the Proposed Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga Province</p> <p>The HIA assessed only a limited portion of the proposed development components as shown in Figure 1.2 and 1.3 when compared to the layout shown in the DSR in Figure 2-2. A total of three heritage resources were identified that include a stone packed wall (Site 082) and a complex of ruins (features 067 – 071) of low heritage significance, however there is a chance for associated burial sites and therefore will be of high heritage significance, and a cemetery (Site 088) of high heritage significance.</p> <p>Recommendations provided in the report include the following:</p> <ul style="list-style-type: none"> — Implementation of a chance find procedure for the project (as outlined in Section 10.2); — Avoidance of burial sites (Waypoint 088) with a 50 m buffer and access for family members; — Identified ruins (Waypoint 067 – 071 and 082) should be indicated on development plans and avoided during construction; — Based on the potential risks associated with Option 1 and Option 3 it is recommended that these options are avoided due to the presence of a burial site (Waypoint 088) and ruins (Waypoint 067 to 071); — Pre-construction heritage walkdown of final layout. 		
	<p>Interim Comment</p> <p>The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that an updated HIA be submitted that assesses all the development components as shown in Figure 2-2 of the DSR and section 2.3 of the DSR. Additionally, the conducted palaeontological assessment must be submitted for review and comment, where the correct development footprint must be assessed as part of the PIA.</p> <p>It must also be noted that the applicant and EAP names in the HIA do not correspond to the submitted DSR.</p>	<p>EAP:</p> <p>WSP acknowledges this comment. WSP can confirm that a revised HIA will be undertaken and submitted during the EIA phase.</p> <p>The applicant and EAP names have been updated since the HIA was completed.</p> <p>The applicant is now Enertrag South Africa (Pty) Ltd, and the EAP is WSP Group Africa, this will be used going forward for all reporting related to the proposed project.</p>	<p>Section 1 of the FSR</p>

**DATE OF COMMENT,
FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	<p>Please clarify this discrepancy. Further comments will be issued upon receipt of the above pending report and the draft EIA inclusive of appendices.</p> <p>Should you have any further queries, please contact the designated official using the case number quoted above in the case header.</p>		
MTPA-Mpumalanga Tourism and Parks Agency			
<p>30 November 2022 Email Correspondence Frans Krige</p>	<p>Send Hardcopies to Mbombela Thanks Frans</p>	<p>EAP: Dear Frans, Thank you for the feedback. WSP can confirm that a hard copy was delivered to the MPTA offices in Mbombela, on the 22 November 2022 to Thabile Mnisi.</p>	<p>Appendix D of this SER</p>
<p>13 December 2022 Official Letter response Ref: LUA 22/3298 Mr MH Vilakazi Acting Chief Executive Officer</p>	<p>Your correspondence with reference WPS ref: 41104000 of November 2022 refer.</p> <p>The sensitivity of the area on which the expansion activity is likely to occur was assessed according to the Mpumalanga Biodiversity Sector Plan (MBSP; MTPA, 2014). This sensitivity is assessed in terms of terrestrial and freshwater assessments. In the MBSP, sensitive areas are identified in terms of Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs).</p> <p>The MBSP sensitivity assessment maps and the DFFE screening tool are included in the Environmental Impact Assessment report. The MTPA has limited concerns about the layout of the proposed development.</p> <p>The preferred site for the Green Hydrogen and Ammonia facility is in portion 3 of the farm Dunbar 189 IS.</p> <p>The proposed Hendrina Green Hydrogen and Ammonia facility with the associated water pipeline and Connecting power line as provided in the WSP facility layout map provides three power line options and three water</p>	<p>EAP: WSP acknowledges this comment as correct.</p>	<p>Appendix D of this SER</p>

**DATE OF COMMENT,
FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	<p>provision pipeline options. The MTPA supports the preferred option 1a for the water line and power line option 2.</p>		
	<p>Recommendations: Where wetlands and streams are crossed, the application must adhere to the EIA regulations for stream crossings.</p>	<p>EAP: WSP can confirm that the relevant Listed Activities triggered as a result of stream crossings have been included in the application, namely Listed Activities 12, 19 and 48 of Listing Notice 1 (GNR 983) and Activities 14 and 23 of Listing Notice 3 (GNR 985). Furthermore, a WULA is being undertaken for the relevant stream crossings for the development.</p>	<p>Section 7.9 of the FSR</p>
	<p>Where Conservation important plants are encountered on site, it must be rescued and replanted on site.</p>	<p>EAP: This comment is acknowledged. The biodiversity specialist will provide further details mitigation measures relating to this in the EIA phase.</p>	
	<p>Many geophytes are dormant and underground during the winter season and are overlooked during botanical surveys, also because of their short flowering times.</p>	<p>EAP: This comment is acknowledged. The biodiversity specialist will provide further details mitigation measures relating to this in the EIA phase.</p>	
	<p>The water required for the production of hydrogen and for heating and cooling purposes will need to be treated. The process of treatment using reverse osmosis to remove wastes such as brine salt will result in large amounts of concentrated waste. The waste management plan and facilities or infrastructure needed to handle this waste needs to be described thoroughly.</p>	<p>EAP: This comment is acknowledged. The waste management procedure will be incorporated in the EMPr for the facility which will be appended to the Draft EIR. This will detail how the waste must be handled. The handling of the waste is also detailed in Section 2.3.2 of the FSR.</p>	<p>Section 2.3.2 of the FSR</p>
	<p>The dewatered solid brine can be stored or disposed of in a suitable licenced waste disposal facility. This might be a problem because very few municipalities have licensed waste disposal sites.</p>	<p>EAP: This comment is acknowledged.</p>	

**DATE OF COMMENT,
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ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

		<p>The owner and operator of the facility will ensure that a registered waste disposal site is used for this. Along with the relevant proof of disposal at the relevant site. This will be incorporated into the EMPr during the EIA Phase.</p>	
	<p>It is proposed that the use of more environmental friendly lights are investigated or night sight technology with early warning systems with no lights are implemented. This will also reduce the night-time visibility and light pollution.</p>	<p>EAP: This comment is acknowledged. The visual specialist has recommended the following:</p> <ul style="list-style-type: none"> — As far as possible, limit the amount of security and operational lighting present on site. — Light fittings for security at night should reflect the light toward the ground and prevent light spill. — Lighting fixtures should make use of minimum lumen or wattage. — Mounting heights of lighting fixtures should be limited, or alternatively, foot-light or bollard level lights should be used. — If economically and technically feasible, make use of motion detectors on security lighting. 	<p>Section 6.12 of the FSR</p>
	<p>Planning should include an emergency plan to combat and prevent pollution in the worst-case scenario of bullet tanks collapsing. No high-pressure liquids should be able to disperse into water courses but must be contained in the smallest possible area.</p>	<p>EAP: This comment is acknowledged. The facility will be registered as a Major hazard Installation (MHI), and therefore follow that MHI legislation in terms of having an appropriate emergency response plan in place. Furthermore, the specialist has recommended that a full on-site Emergency Response Plan to be in place as per SANS 1514, e.g. emergency co-ordinator, first responder team, equipment (BA sets, hazmat suits), Command Centre etc.</p>	<p>Section 6.17 of the FSR</p>
	<p>All exotic or alien invaders must be removed and not allowed to recruited. An Alien Invasive Species management plan must be compiled and implemented.</p>	<p>EAP: This comment is acknowledged. The biodiversity specialist has prescribed that alien and invasive vegetation control should take place throughout the duration of the construction and operation phases, and an alien management plan will be part of the EMPr.</p>	<p>Section 6.9 of the FSR</p>

**DATE OF COMMENT,
FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	Connecting cables for above ground electrical powerlines should be marked with flight diverters.	EAP: This comment is acknowledged. The avifaunal specialist has recommended that Eskom approved Bird flight diverters should be installed on the entire line for the full span length on the earthwire (according to Eskom guidelines – five metres apart).	Section 6.10 of the FSR
	Please do not hesitate to contact this office if there are any enquiries.	EAP: This comment is acknowledged.	N/A
INSA Coal			
23 November 2022 Email correspondence Bjorn Goosen General Manager	Hi Provide me with the KML files for your proposed project. Regards	EAP: Dear Bjorn, Please find attached KMZ for the proposed project.	Appendix D of this SER
Glencore Operations South Africa (Pty) Ltd			
23 November 2022 Email correspondence Kubashni Mari	Hi, Hope that you are well. Please keep me on your list as we are located to the west of your proposed facility.	EAP: Dear Kubashni, Thank you for your response, WSP can confirm that your contact details have been added to the database for further communication regarding the project.	Appendix A of this SER
Gert Sibande District Municipality: Community and Social Services			
23 November 2022 Email correspondence	Hi Thirushan,	EAP: Dear Tebogo,	Appendix D of this SER

**DATE OF COMMENT,
FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

<p>Ms. Tebogo Mogakabe Manager: Environmental Services</p>	<p>The notification of the notice is for an activity outside our jurisdiction – the Gert Sibande district municipality. Thank you</p> <p>Ms. Tebogo Mogakabe Manager: Environmental Services Gert Sibande District Municipality: Community and Social Services</p>	<p>Thank you for your response. This is duly noted, as the project falls within the Nkangala district and Steve Tshwete local municipalities.</p>	
<p>Overlooked Colliery Alpha (Pty) Ltd</p>			
<p>14 December 2022 Email correspondence</p> <p>Karen Ravenscroft General Manager Legal</p>	<p>Good afternoon</p> <p>We received notification of this project from Sudor Coal.</p> <p>Our Company, Overlooked Colliery Alpha (Pty) Ltd, is the holder of Mining Right 262 MR which includes Portions 1,3,5.6 and 7 of the farm Dunbar189 IS.</p> <p>These portions are included in the Hendrina Green Hydrogen project area, and it appears that the preferred position for the site, pipeline and powerline is on portions 1,3, 5 and 6 of Dunbar.</p> <p>As we intend to undertake mining on these portions any proposed surface infrastructure would need to be positioned so as not to sterilize any of our rights and</p> <p>we would object to the current proposed position of the site in Option 1 on this basis.</p> <p>These are our initial, high-level concerns which we may add to and amplify further once we have studied the Draft Scoping Report in more detail.</p> <p>Please register us as an Interested and Affected Party and note our objections and concerns.</p> <p>Our contact persons are myself and Mr David Kobuoe</p>	<p>EAP:</p> <p>Dear Karen,</p> <p>Thank you for the response and comment.</p> <p>WSP acknowledges this and we have forwarded the concerns to the developer.</p> <p>Furthermore, WSP can confirm that the contact details provided have been added to the I&AP database for future communication.</p> <p>Kind regards</p>	<p>Appendix A of this SER</p>

**DATE OF COMMENT,
FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	Sustainability Manager E mail David.kobuoe@overlooked.co.za Tel 082 411 0898		
Landowner: Dunbar Portion 4			
23 November 2022 Email correspondence Dirk van Woudenberg	Good day Can you please include me in any correspondence regarding this project. I'm the owner of the farm Dunbar portion 4. Thank you	EAP: Dear Dirk, Thank you for your response, WSP confirms that we have your contact details and will be keeping you in all correspondence regarding the proposed project.	Appendix A of this SER
DFFE Biodiversity Conservation			
12 January 2023 Email correspondence Kamogelo Mathetja	Dear Sir/Madam DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs M Rabothata and Mr K Mathetja (Both copied on this email). Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota	EAP: Dear Kamogelo, Thank you for the acknowledgement. WSP can confirm that we have added your details provided to the I&AP database. WSP confirms that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries, will be sent to BCAdmin@environment.gov.za for attention of Mr Seoka Lekota.	Appendix A of this SER
16 January 2023 Official letter Response Mr. Seoka Lekota	Dear Mr. Nadar COMMENTS ON THE DRAFT SCOPING REPORT FOR PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA PROVINCE The Directorate: Biodiversity Conservation reviewed and evaluated the report.	EAP: WSP acknowledges this comment to be correct.	

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ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

<p>Control Biodiversity Officer Grade B: Biodiversity Conservation Department of Forestry, Fisheries & the Environment Letter signed by: MP Makitla Designation: Control Biodiversity Officer Grade A</p>	<p>Based on the information provided in the report, the study area is located within the Eastern Highveld Grassland that is listed as endangered. The south-eastern and north-western parts of the study area consists of CBA irreplaceable and optimal respectively as well as heavily or moderately modified areas on site primarily associated with cultivations. There are a number of plant species on site protected according to the Mpumalanga Nature Conservation Act, 2009 (Act 9 of 2009). Of the frog species that could potentially occur in the study area, none are listed in a threat category, but one species is listed as protected, according to National legislation, the Giant Bullfrog (<i>Pyxicephalus adspersus</i>). There are several numbers of SCC bird species recorded in the project area as well as bat species. The study area is dominated by a variety of aquatic features, characterised as follows: Mainstem Rivers: Olifants River, Hillslope Seep wetlands (Agriculture) (Fragmented) (Unimpacted), Floodplains, Unchanneled Valley Bottom wetlands (UBVs), Channelled Valley Bottom wetlands (CVBs), Unchanneled Valley Bottom wetlands (UBVs) (fragmented), Channelled Valley Bottom wetlands (CVBs) (fragmented) which are of ecological importance and sensitive.</p>		
	<p>Considering the above, the development can proceed to the next phase of the EIA process. However, the FSR should consider the following recommendations: The detailed Biodiversity Specialist studies required to be undertaken to assess the significance of those impacts identified within the scoping study, must be compiled and submitted with the final report.</p>	<p>EAP: WSP can confirm that a detailed biodiversity specialist study will be submitted with the draft EIA report.</p>	<p>Appendix H-3, H13 & H14 of the EIAR</p>
	<p>The sensitivity Layout Map overlaid with sensitivities and indicating the final footprint for the proposed development avoiding environmentally sensitive areas must be included in the Final report.</p>	<p>EAP: The final sensitivity map will be included in the EIA report indicating the footprint of the proposed development and outline environmentally sensitive areas. This is due to the specialist appointed still being busy with finalising their reports. Preliminary sensitivity maps have been provided outlining sensitivities in relation to the development.</p>	<p>Section 5.2 of the FSR</p>

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FORMAT OF
COMMENT, NAME OF
ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	<p>Permit from relevant authorities must be obtained prior commencement of any construction activities for the disturbance or removal of any nationally or provincially protected species.</p>	<p>EAP: WSP can confirm that the client will obtain permits from the relevant authorities prior to the commencement of construction. Furthermore, the client is aware that no construction will commence without the permits from the relevant authorities.</p>	<p>Section 7.9 of the FSR</p>
	<p>The sensitive habitats in close proximity to the development footprint must be avoided or demarcated as No-Go area (i.e. CBA).</p>	<p>EAP: WSP can confirm that sensitive habitats in close proximity to the development will be avoided. The biodiversity specialist will provide maps of sensitive areas to be avoided in the EIA phase. Preliminary sensitivity maps have been provided outlining CBAs in relation to the development.</p>	<p>Section 5.2 of the FSR</p>
	<p>All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota.</p>	<p>EAP: WSP can confirm that these contact details are on the I&AP database and all future communication regarding the project will be sent to the address.</p>	<p>Appendix A of this SER</p>
<p>12 January 2023 Email correspondence Kamogelo Mathetja</p>	<p>Dear Sir/Madam DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs M Rabothata and Mr K Mathetja (Both copied on this email). Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota Regards, Kamogelo</p>	<p>EAP: Dear Kamogelo, Thank you for the response. WSP can confirm that both these contact details have been added to the I&AP data baser for this project. Furthermore, we confirm that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be directed to BCAdmin@environment.gov.za for attention of Mr Seoka Lekota. Kind regards</p>	<p>Appendix A of this SER</p>
<p>30 January 2023 12 January 2023</p>	<p>Dear Sir/Madam DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs M Rabothata and</p>	<p>EAP: Dear Kamogelo, Thank you for the response.</p>	<p>Appendix A of this SER</p>

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RESPONSE

**REPORT
REFERENCE**

<p>Email correspondence Kamogelo Mathetja</p>	<p>Mr K Mathetja (Both copied on this email). Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota Regards, Kamogelo</p>	<p>WSP can confirm that both these contact details have been added to the I&AP data baser for this project. Furthermore, we confirm that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be directed to BCAdmin@environment.gov.za for attention of Mr Seoka Lekota. Kind regards</p>	
South African Civil Aviation Authority -CAA			
<p>23 November 2022 Lizell Stroh Email Correspondence Obstacle Inspector Aerodrome Infrastructure</p>	<p>Good day, Kindly find information in relation to Development around any landing area in South Africa for your information. The attached Regulation would guide you on the process and procedures to follow if the required proposal, falls within the criteria as indicated. Kind regards</p>	<p>EAP: Good morning Lizell, Thank you for your response. WSP acknowledges this. Kind regards</p>	Appendix D of this SER
Mpumalanga Department of Agriculture, Rural Development, Land & Environmental Affairs-MDARDLEA			
<p>2 December 2022 Official letter Ref:1/3/1/16/1N-347</p>	<p>The Department confirms having received the application form for environmental authorisation of the abovementioned project on the 24 November 2022.</p>	<p>EAP: This comment is acknowledged.</p>	
<p>Dineo Tswai Deputy Director</p>	<p>The application has been assigned the reference number 1/3/16/1N-347. Kindly quote this reference number in any future correspondence in respect of the application. The responsible officer is Dineo Tswai and all correspondence must be directed to: Environmental Impact Management, Nkangala District Office, marked for the attention of the responsible officer.</p>	<p>EAP: This comment is acknowledged. WSP can confirm that Ms Dineo Tswai will be forwarded all future correspondence regarding this project. Furthermore, all future documents relating to the project will have the reference number 1/3/16/1N-347.</p>	Appendix A of this SER
	<p>Please note that you must, within 44 days from the 24 November 2022, submit to this office a Final Scoping Report — inclusive of specialist reports and an EMPr which has already been subjected to a public participation</p>	<p>EAP: This comment is acknowledged.</p>	Appendix B-4 of this SER

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ORGANISATION/I&AP COMMENTS**

RESPONSE

**REPORT
REFERENCE**

	<p>process, and was provided to interested and affected parties for a period of 30 days for comments, and which reflects the incorporation of any comments received, including any comments from this office. In this regard you are referred to the requirements of Regulation 40(3).</p>	<p>WSP can confirm that the final scoping report will be submitted within 44 days of the 24 November 2022.</p> <p>Thereafter the Draft EIA report will be compiled and will include the various detailed specialist reports as well as the draft EMPr. The Draft EIA Report and associated Appendices will be subjected to a public participation process, which will provide interested and affected parties 30 days for review and comment.</p>	
	<p>Please take note in terms of the provisions of regulation 45, the application will lapse, and this office will deem the application to have lapsed, if the applicant fails to submit the Final Scoping Report within the timeframe specified above.</p>	<p>EAP: This comment is acknowledged.</p> <p>WSP can confirm that the final scoping report will be submitted within 44 days of the 24 November 2022.</p>	<p>Appendix B-4 of this SER</p>
	<p>Please draw the applicant’s attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department. Your cooperation will be highly appreciated.</p>	<p>EAP: This comment is acknowledged. The applicant is aware that no construction activity may commence without the Environmental Authorisation being granted.</p>	-
<p>26 January 2023</p> <p>Email correspondence</p> <p>Charity Mthimunye</p>	<p>Good Morning Nadar</p> <p>The below e-mail is noted with a thank you.</p> <p>Kind Regards</p> <p>Charity</p>	<p>EAP:</p> <p>This response is acknowledged by WSP.</p>	<p>Appendix A of this SER</p>
<p>14 March 2023</p> <p>Official letter -FSR Acceptance</p> <p>Ref:1/3/1/16/1N-347</p>	<p>The Department has received the Final Scoping Report and Plan of Study for the above-mentioned project on 02 February 2023 and has been accepted. Based on the information supplied, this Department has no objections at this stage to the proposed development. You may proceed with the submission of the draft EIR with the consideration of the comments below;</p>	<p>EAP: This comment is acknowledged.</p>	<p>Appendix E of this SER</p>
<p>Dineo Tswai</p>	<p>Applicable licenses must be obtained before the commencement of the activity.</p>	<p>EAP:</p>	<p>Section 1.6 of the EIAR</p>

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RESPONSE

**REPORT
REFERENCE**

Deputy Director		<p>This comment is acknowledged.</p> <p>The applicant is aware of the applicable licences to be obtained for the project and will be obtaining them prior to construction begins.</p>	
	<p>Applicable municipal By-Laws must be considered and adhered to at all times throughout the planning and the lifespan of the project.</p>	<p>EAP:</p> <p>This comment is acknowledged.</p> <p>The developer is aware that Applicable municipal By-Laws must be considered and adhered to at all times throughout the planning and the lifespan of the project</p>	-
	<p>All recommendations, key findings and conditions made in the specialist studies must be adhered to.</p>	<p>EAP:</p> <p>This comment is acknowledged.</p> <p>WSP can confirm that all specialist recommendations have been added to the EMPr to ensure compliance during the stages of development.</p>	Appendix I of the EIAR
	<p>MTPA comments must be sourced and recommendations thereof must inform the site layout and protection of any identified endangered species.</p>	<p>EAP:</p> <p>This comment is acknowledged.</p> <p>WSP can confirm that the MTPA has provided comment on this project, which has been added to the SER.</p>	Appendix D of this SER
	<p>Complaints received from the public must be attended to as soon as possible and addressed to the satisfaction of all concerned.</p>	<p>EAP:</p> <p>This comment is acknowledged.</p> <p>It has been recommended by various specialists that a complaints register be implemented and maintained from the construction phase to the operational phase of the project, this has been added to the EMPr to ensure that it is complied with.</p>	Appendix I of the EIAR

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RESPONSE

**REPORT
REFERENCE**

	<p>The applicant is responsible for the compliance with the provisions for “Duty of Care” and remediation of damage contained in Section 28 of the National Environmental Management Act, (Act 107 of 1998)</p>	<p>EAP: This comment is acknowledged. The applicant is aware that the responsibility of compliance with the provisions for “Duty of Care” and remediation of damage contained in Section 28 of the National Environmental Management Act, (Act 107 of 1998), is necessary.</p>	-
	<p>Please draw the applicant’s attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.</p>	<p>EAP: This comment is acknowledged. The applicant is aware that no construction activity may commence without the Environmental Authorisation being granted.</p>	-
Department of Agriculture, Land Reform and Rural Development - DALRRD			
<p>26 January 2023 Email correspondence Mabule Ramodike</p>	<p>Dear Nadar Kindly note that I am no longer working under the section that is dealing with Subdivision of Agricultural Land Act (SALA), Act 70 of 1970 as of 01 December 2022. You are advised to send your correspondences to mashuduma@dalrrd.gov.za as the manager under this section and she will be able to allocate/send to her relevant officials/ who deals with MP applications. It is trusted that you will find the above to be in good order. Kind Regards</p>	<p>EAP: Dear Mabule, Thank you for your feedback. WSP acknowledges this and will direct future correspondence to her. Kind regards</p>	<p>Appendix A of this SER</p>

APPENDIX

A

STAKEHOLDER DATABASE



Farm	Farm number	Portion Number	Authority	Name/Company
Affected Farm properties				Personal details of I&AP redacted as required by the POPI Act
Dunbar	189 IS	0		
Geluk	26 IS	6		
Geluk	26 IS	7		
Wilmansrust	47 IS	1		
Wilmansrust	47 IS	9		
Bultfontein	187 IS	2		
Bultfontein	187 IS	4		
Broodnyersplaats	25 IS	7		
Bultfontein	187 IS	10		
Dunbar	189 IS	1		
Dunbar	189 IS	3		
Dunbar	189 IS	5		
Dunbar	189 IS	6		
Dunbar	189 IS	7		
Halfgewonnen	190 IS	11		
Halfgewonnen	190 IS	14		
Halfgewonnen	190 IS	15		
Weltevreden	193 IS	0		
Weltevreden	193 IS	2		
Weltevreden	193 IS	10		
Weltevreden	193 IS	14		
Weltevreden	193 IS	15		
Weltevreden	193 IS	17		
Weltevreden	193 IS	18		
Hartebeestkuil	185 IS	1		
Uitgezocht	194 IS	0		
Hartebeestkuil	185 IS	2		
Hartebeestkuil	185 IS	4		
Dunbar	189 IS	4		
Hartebeestkuil	185 IS	3		
Uitgezocht	194 IS	4		
Weltevreden	193 IS	11		
Weltevreden	193 IS	12		
Weltevreden	193 IS	13		
Weltevreden	193 IS	16		
Wilmansrust	47 IS	3		
Bultfontein	187 IS	3		
Broodnyersplaats	25 IS	11		
Komati Power Station	56 IS	0		
Bultfontein	187 IS	14		
Bultfontein	187 IS	6		
Wilmansrust	47 IS	9		
Wilmansrust	47 IS	13		
Bultfontein	187 IS	4		
Koornfontein	27 IS	21		
Geluk	26 IS	26		
Adjacent Farm properties & Land Users				
Farm	Farm number	Portion Number		
Wilmansrust	47 IS	1		
Driefontein	153 IS	5		
Boschmanskraal	184 IS	5		
Bultfontein	187 IS	4		
Bultfontein	187 IS	2		
Geluk	26 IS	7		
Broodnyersplaats	25 IS	7		
Dunbar	189 IS	5		
Halfgewonnen	190 IS	6		
Weltevreden	193 IS	10		
Weltevreden	193 IS	3		
Weltevreden	193 IS	5		
Weltevreden	193 IS	7		
Gloria	186 IS	RE		
Kafferstad	195 IS	20		
Boschmanskraal	184 IS	RE		
Boschmanskraal	184 IS	15		
Kafferstad	195 IS	2		
Kafferstad	195 IS	25		
Weltevreden	193 IS	4		
Halfgewonnen	190 IS	1		
Halfgewonnen	190 IS	5		
Halfgewonnen	190 IS	10		
Halfgewonnen	190 IS	7		
Wilmansrust	47 IS	13		
Broodnyersplaats	25 IS	25		
Koornfontein	27 IS	21		
Wilmansrust	47 IS	3		
Bultfontein	187 IS	10		
Bultfontein	187 IS	14		
Bultfontein	187 IS	6		
Wilmansrust	47 IS	9		

Uitgezocht	194IS	5
Dunbar	189IS	2
Uitgezocht	194IS	2
Uitgezocht	194IS	1
Bultfontein	187IS	3
Bultfontein	187IS	12
Broodsniersplaats	25 IS	2
Broodsniersplaats	25 IS	3
Goedehoop	46IS	3
Bultfontein	187IS	1
Dunbar	189IS	8
Weltevreden	193IS	24
Weltevreden	193IS	1
Uitgezocht	194IS	0
Hartebeeskruil	185 IS	1
Leeuwfontein	48IS	2
Geluk	26IS	6
Mandala Commodities (Tala Bethal)		
Insa Coal, Dunbar Mine		
IW Group (Farm Owner Schurvekop and rents Farm Halfgewonnen 190 IS Portion 2)		
G7 Renewable Energies		
G7 Renewable Energies		
G7 Renewable Energies		
G7 Renewable Energies		
DuToit Wilken		
Daivde Bishop		
Weltevreden Farm		
Bultfontein Guesthouse & Hostel		
Bultfontein Guesthouse & Hostel		
Astro Angus Stoetery		
Astro Angus Stoetery		
Beestepan		
Saaria		
Hattingh Farm		
Hattingh Farm		
Ysterkop		
Wykom Boerdery		
Paas Weltevreden		
Vlaklaagte farm		
Halfgewonnen Farm		
Halfgewonnen Colliery		
Weltevreden		
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Uitgezocht		
Weltevreden		
Weltevreden		
Weltevreden		
Driefontein		
Bultfontein		
Middle Kraal		
Middle Kraal		
Middle Kraal		
Dik Farm		
Middle Kraal		
Weebstyrtr		
OIK Farm		
OIK Farm		
OIK Farm		
Dik Farm		
Dik Farm		
Bullfontein		
Bullfontein		
Hartbeest Farm		
Hartbeestkuil		
OIK Farm		
Schoeman		
Schoeman		
Geluk Farm		
Geluk Farm		
Geluk Farm		
Bultfontein farm		
Bultfontein farm		
Bultfontein farm		
Bultfontein Farm		

Personal details of I&AP redacted as required by the POPI Act

			Department of Forestry, Fisheries and Environment
			Department of Forestry, Fisheries and Environment
			Department of Forestry, Fisheries and Environment
			Department of Forestry, Fisheries and Environment
			Department of Forestry, Fisheries and Environment
			Department of Forestry, Fisheries and Environment
			Department of Mineral Resources and Energy
			Department of Mineral Resources and Energy
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			Department of Water and Sanitation
			Department of Water and Sanitation
			Department of Water and Sanitation
			Mpumalanga Tourism and Parks Agency
			Mpumalanga Tourism and Parks Agency
			Mpumalanga Tourism and Parks Agency
			Mpumalanga Tourism and Parks Agency
			Mpumalanga Tourism and Parks Agency- Head of Scientific Services and Conservation
			Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA) : Director: Nkangala District
			Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA) : Nkangala District
			Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA) : Nkangala District
			Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA)
			Land Claims Commission
			Department of Agriculture, Land Reform and Rural Development
			Department of Agriculture, Land Reform and Rural Development
			South African Heritage Resources Agency (SAHRA)
			South African Heritage Resources Agency (SAHRA)
			Mpumalanga Public Works, Roads & Transport
			South African Civil Aviation Authority (SACAA)
			South African Civil Aviation Authority (SACAA)
			South African Civil Aviation Authority (SACAA)
			National Energy Regulator of South Africa (NERSA)
			National Energy Regulator of South Africa (NERSA)
			Steve Tshwete Local Municipality
			Steve Tshwete Municipality Acting Municipal Manager
			Steve Tshwete Local Municipality- Secretary of Acting Municipal Manager
			Steve Tshwete Local Municipality- Director: Environmental & Solid Waste Management:
			Steve Tshwete Local Municipality- Secretary of Director: Environmental & Solid Waste Management:
			Steve Tshwete Local Municipality- MMC Environment
			Steve Tshwete Local Municipality: Head of Communications
			Steve Tshwete Local Municipality
			Steve Tshwete Local Municipality Ward 4
			Steve Tshwete Local Municipality Ward 3
			Steve Tshwete Local Municipality Constituency Head
			Steve Tshwete Local Municipality- Executive Mayor
			Councillor Steve Tshwete Local Municipality

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		Ward Committee
		Ward Committee
		Steve Ishwete Local Municipality- Ward Committee
		Steve Ishwete Local Municipality
		Ward Committee
		Nkangala District Municipality: Speakers Office
		Govan Mbeki Local Municipality (Environmental)
		Govan Mbeki Local Municipality Ward 15
		Gert Sibande District Municipality
		Gert Sibande District Municipality
		Gert Sibande District Municipality
		Gert Sibande District Municipality- Town Planner
		Air Traffic Navigation Services (ATNS)
		Department of Defence
		Square Kilometre Array/South African Radio Astronomy Observatory (SKA/SARAO)
		SA Weather Service (SAWS)
		SANRAL
		SANRAL
		SANRAL
		Brdlife
		ESKOM
		Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs
		Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs
		Department of Agriculture, Land Reform and Rural Development
		Department of Agriculture, Land Reform and Rural Development
		Department of Agriculture, Land Reform and Rural Development
		Department of Agriculture, Land Reform and Rural Development
		Department of Agriculture, Land Reform and Rural Development
		SANparks
		SANparks
		Endangered Wildlife Trust
		Endangered Wildlife Trust
		MIPA
		Transnet freight rail JHB
Commenting Authorities		
		Department of Forestry, Fisheries and Environment
		Department of Forestry, Fisheries and Environment
		Department of Mineral Resources and Energy
		Department of Mineral Resources and Energy
		Department of Mineral Resources and Energy
		Department of Mineral Resources and Energy
		Department of Mineral Resources and Energy
		Department of Water and Sanitation
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		Department of Water and Sanitation
		Mpumalanga Tourism and Parks Agency
		Mpumalanga Tourism and Parks Agency
		Mpumalanga Tourism and Parks Agency
		Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA) : Agricultural Unit
		Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA) : Nkangala District
		Mpumalanga Department of Agriculture, Rural development, Land and Environmental Affairs (DARDLEA) : Nkangala District
		Land Claims Commission
		Department of Agriculture, Land Reform and Rural Development
		Department of Agriculture, Land Reform and Rural Development
		Department of Agriculture, Land Reform and Rural Development

Personal details of I&AP redacted as required by the POPI Act

			South African Heritage Resources Agency (SAHRA)	Personal details of I&AP redacted as required by the POPI Act
			South African Civil Aviation Authority (SACAA)	
			South African Civil Aviation Authority (SACAA)	
			South African Civil Aviation Authority (SACAA)	
			National Energy Regulator of South Africa (NERSA)	
			National Energy Regulator of South Africa (NERSA)	
			Steve Tshwete Local Municipality	
			Steve Tshwete Local Municipality- Secretary of Acting Municipal Manager	
			Steve Tshwete Local Municipality- Director: Environmental & Solid Waste Management:	
			Steve Tshwete Local Municipality- MMC Environment	
			Steve Tshwete Local Municipality Ward 4	
			Steve Tshwete Local Municipality Ward 3	
			Steve Tshwete Local Municipality Constituency Head	
			Steve Tshwete Local Municipality- Executive Mayor	
			Councillor Steve Tshwete Local Municipality	
			Ward Committee	
			Ward Committee	
			Steve Tshwete Local Municipality- Ward Committee	
			Steve Tshwete Local Municipality	
			Ward Committee	
			Nkangala District Municipality: Speakers Office	
			Govan Mbeki Local Municipality (Environmental)	
			Govan Mbeki Local Municipality Ward 15	
			Gert Sibande District Municipality	
			Gert Sibande District Municipality	
			Gert Sibande District Municipality	
			Air Traffic Navigation Services (ATNS)	
			Department of Defence	
			Square Kilometre Array/South African Radio Astronomy Observatory (SKA/SARAO)	
			SA Weather Service (SAWS)	
			SANRAL	
			SANRAL	

APPENDIX

B

NOTIFICATIONS



APPENDIX

B-1 ADVERTISEMENT

DON'T FISH TO EAT, BUT RELEASE TO ALLOW GROWTH



Ward 12 Cllr Hennie Niemann picking up litter at Athlone Dam in Aerorand.

That's the stern warning sounded by Steve Tshwete Local Municipality (STLM) as it joined the celebration of World Fisheries Day today together with the entire fishing communities throughout the world. World Fisheries Day is officially celebrated on 21 November annually and STLM can never be left out of those celebrations because the municipality has major fishing spots at the Pienaars Dam, Dennesig Dam, Kruger Dam and Athlone Dam. World Fisheries Day, most importantly, is celebrated to draw attention to the problems related to fisheries like overfishing, unsustainable fishing techniques, habitat destruction, inadequate methods of fishing and other threats to our dams. This day also labels the pollution problems that we have at our fishing spots as mentioned above.

To raise awareness to reach out to all fishing communities and the general public, Ward 12 Councillor Hennie Niemann and Solid Waste and Environmental Department, picked up litter at Athlone Dam in Aerorand.

He said: "We would like to urge residents to not litter when visiting any dam for fishing or leisure, as the litter enters the dam and can harm the fish ecosystem and environment. "Steve Tshwete residents should practice catch and release fish at the dams to improve native fish populations by allowing more fish to remain and reproduce in the ecosystem.

"This practice provides an opportunity for increasing numbers of anglers to enjoy fishing and to successfully catch fish," concluded Cllr Niemann.

Protest in Kriel affecting learners



Community members and disgruntled parents standing outside the school.

Grade 11 learners at Kriel Hoërskool are outside the classrooms on the second day of protests. Learners were supposed to be sitting for the English and Business Studies examinations at 8h00 this morning but have refused to sit for the papers.

Learners are calling for justice following the death of Bafana Sithole who allegedly committed suicide at the school on 17 November 2022. It is alleged that the school principal, Mrs Lotter and her deputy conducted a disciplinary hearing for Bafana without involving his parents and stripped him off his badges as a member of the RCL and head of sports. This after he was accused of sexually violating a fellow learner who later retracted the accusations.

LONG SERVICE EMPLOYEES AWARD CEREMONY

The devoted Steve Tswete Municipality employees received awards in appreciation of long serving for 10, 20, 30 and 40 years in the Municipality at an

exceptional awards ceremony held at Sydney Choma Banquet hall on the 17th of November 2022.



STLM employees who received their long service awards along with senior managers posed for a picture during the award ceremony.

ENVIRONMENTAL AUTHORISATION PROCESSES NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, COMPRISING VARIOUS ENVIRONMENTAL AUTHORISATION PROCESSES, HENDRINA, MPUMALANGA

Notice is given in terms of:

- Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for submission of various applications for environmental authorisations (Eas) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended)
- Section 39 or 41(4) of the National Water Act (36 of 1998) (NWA), for the submission of a General Authorisation (GA) or Water Use Licence (WUL) Application (as applicable)
- Section 38(3)(b) of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) (NEM: AQA) of an invitation to register comments with regards to an application for an Atmospheric Emissions Licence (AEL)

DESCRIPTION AND LOCATION

ENERTRAG South Africa (Pty) Ltd (ENERTRAG SA), proposes to establish a renewable energy complex, comprising various applications for environmental authorisation, 17km West of Hendrina in Mpumalanga. The proposed authorisation include the following Scoping and Environmental Impact Reporting (S&EIR) process:

Proponent	Project	Technology	Process	Farm Names	
Enertrag SA	Hydrogen and Ammonia Plant and associated infrastructure	Green Hydrogen and Ammonia	S&EIR	Dunbar 18915 3	Dunbar 18915 2
				Weltevreden 19315 18	Dunbar 18915 4
				Weltevreden 19315 14	Dunbar 18915 5
				Weltevreden 19315 15	Dunbar 18915 6
				Gulfontein 18715 1	Dunbar 18915 7
				Gulfontein 18715 2	Geluk 2615 6
				Gulfontein 18715 3	Geluk 2615 7
				Gulfontein 18715 4	Hartebeestkool 18515 3
				Gulfontein 18715 6	Komati Power Station 5615 0
				Gulfontein 18715 10	Willemstrust 4715 1
				Gulfontein 18715 14	Willemstrust 4715 3
				Dunbar 18915 0	Willemstrust 4715 9
				Dunbar 18915 1	

ENVIRONMENTAL APPLICATIONS

The anticipated listed activity numbers associated with the Proposed Projects are reflected in the table below. Should you wish to obtain a complete copy of these listed activities, please contact the Environmental Assessment Practitioner (EAP), details provided below:

Project Name	Listing Notice	Applicable Triggers													
		9	10	11	12	16	19	24	25	27	28	30	48	56	
Green Hydrogen and Ammonia	GNR 983														
	GNR 984	4		6		7		15							
	GNR 985	4		10		12		14		18		23			
GA / WUL (as applicable)	Section 21	21 (a), 21 (c), 21 (j) and 21 (g)													
AEL	GNR 993	Category 7: Inorganic Chemicals Industry Subcategory 7.1: Production and/or Use in Manufacturing of Ammonia, Urea, Fluorine Compounds, Chlorine, and Hydrogen Cyanide													

REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the EAP by ENERTRAG, to manage the S&EIR processes. Parties wishing to formally register as stakeholders in order to offer their comment on the Proposed Projects are requested to forward their full contact details to the EAP at the details provided below. Registered stakeholders will be forwarded all future correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Environmental Scoping Report will be made available from WSP on request and/or at the venues below for review and comment for 30 days from 23 November 2022 to 16 January 2023.

Area	Venue	Street Address	Contact No.
Middelburg and Hendrina	Nkangala District Municipality	2A Water Sisu Street, Middelburg	013 249 2000
	Gemid Sekoto Public Library	Corner Walter Sisulu Street & Wanderers Avenue	013 249 7314
	Hendrina Public Library	44 Kerk Street, Hendrina	013 249 7314
	Steve Tshwete Local Municipality Office	Walter Sisulu St & Wanderers Ave, Middelburg, 1055	013 243 1656
WSP Website	https://www.wsp.com/en-ZA/services/public-documents		
Datafree Website	https://wsp-engage.com/		

The contact details of the EAP are:

Name: Thrushan Nadar
Tel: 011 254-4575/ 073 888 3727
Fax: 011 381 1361
E-mail: thrushan.nadar@wsp.com
Address: Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, 1685

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database. If you consent for us to do so, WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I&AP or if you no longer want your contact details to be included on our database.



NOTICES KENNISGEWINGS

ISAZISO NGESIBONELELO SOKUGUNYAZWA KWEZEMVELO SESICELO SOKUBHEKELWA KWELUNGULO ENGENYENI: 08 YEPULAZI I-Woestalleen 477 JS, ELIPHANSI KWESIFUNDA SASE-MIDDLEBURG ESIFUNDAZWENI SASEMPUMALANGA.

NOTICE OF ENVIRONMENTAL AUTHORISATION GRANT FOR THE PROSPECTING RIGHT APPLICATION ON PORTION 08 OF THE FARM WOESTALLEEN 477 JS, SITUATED UNDER MIDDLEBURG DISTRICT IN MPUMALANGA PROVINCE.

ISIZULU

ENGLISH

Isaziso sinikezwa lapha ukuthi zingama-17 kuNovemba 2022, Umnyango Wezimbiwa Namandla waseMpumalanga (DMRE) unikeze Ukugunyazwa Kwezemvelo nge-DMRE Ref: MP 30/5/1/1/2/15068 EM ngesicelo esihlongozwayo selungelo lokuhlola ngokoMthetho Wokuphathwa Kwemvelo Kazwelonke (NEMA), 1998 (uMthetho No. 107 ka-1998) njengoba uchitshiyelwe ngenjongo yokufunwa kwamalahle kule ndawo eshiwo ngenhla. Isigunyazo samukelwe ngumfakisicelo, i-RODUM PROJECTS (PTY) LTD ngomhlaka-17 kuNovemba 2022.

Notice is hereby given that on the 17th of November 2022, the Mpumalanga Department of Mineral Resources and Energy (DMRE) granted Environmental Authorisation with DMRE Ref: MP 30/5/1/1/2/15068 EM for the proposed prospecting right application in terms of the National Environmental Management Act (NEMA), 1998 (Act No. 107 of 1998) as amended for the purpose of prospecting for coal on the above-mentioned property. The authorisation was received by the applicant, RODUM PROJECTS (PTY) LTD, on the 17th of November 2022.

ISIMEMO SOKUPHAWULA

INVITATION TO COMMENT

NgokweMithethonqubo Kazwelonke Yokwedluliswa Kwesikhalo, 2014, kanye ne-EA, noma yimuphi umuntu ofisa ukufaka isikhalazo ngesinqumo kufanele acele ifomu lesikhalazo kuMqondisi Wezikhalazo futhi athumele isikhalazo kuMlawuli Wezikhalazo (Department of Forestry, Fisheries, and Environment futhi athumele ikhophi isikhalazo kuMphathi wesifunda we-DMRE, Umfakisicelo kanye ne-EAP. (bheka imininingwane yokuxhumana ngezansi). Bonke ababhaliwe Abanentshisekelo Nabathintekayo (I&APs), noma iluphi uPhiko Lombuso olunentshisekelo kulolu daba, kanye nomenzi wesinqumo kufanele balethe leli fomu elishiwo ngenhla zingakapheli izinsuku ezingama-20 zekhalenda kusukela ngosuku ama-I&APs aziswe ngalo ngesinqumo.

In terms of the National Appeal Regulations, 2014, and the EA, any person wishing to appeal against the decision must request an appeal form from the Appeal Administrator and submit the appeal to the Appeal Administrator (Department of Forestry, Fisheries and Environment) and forward a copy of the appeal to the DMRE Regional Manager, Applicant and EAP (see contact details below). All registered Interested and Affected Parties (I&APs), any Organ of State interested in the matter, and the decision-maker, must submit the above-mentioned form within 20 calendar days from the date I&APs were notified of the decision.

A COPY OF LODGED APPEAL MUST BE SUBMITTED TO THE DEPARTMENT OF MINERAL RESOURCES & ENERGY (IKHOPI SIKHALAZO ESIFANISIWE KUMELE ITHUNYELWE EMNYANGWENI WEZINCABA ZOKUMAMBIDI KANYE NAMANDLA):

THE APPEAL MUST BE SUBMITTED IN THE PRESCRIBED FORM TO THE DEPARTMENT OF FORESTRY, FISHERIES AND ENVIRONMENT (SIKHALAZO KUMELE SITHUNYELWE NGEFOMU ELINQULUMILE EMNYANGWENI WAMAHLANZI, WEZINHLANZI KANYE NEMVELO):

Attention: Regional Manager (Mpumalanga Region)

Email: lydia.maphopha@dmre.gov.za

Postal Address: Private Bag X 7279, Witbank, 1035

Physical Address: 1st floor Saveways Centre, Nelson Mandela Drive, eMalaheni, 1035

Fax: 013 656 1474

Attention: Directorate Appeals and Legal Review

Email: appealsdirector@environment.gov.za

Postal Address: Private Bag X447, Pretoria, 0001

Physical Address: Environmental House, Corner Steve Biko and Soutpansberg Street, Arcadia, Pretoria, 0083

THE COPY OF THE APPEAL MUST BE SUBMITTED TO THE EAP. (IKHOPI SIKHALAZO KUMELE ITHUNYELWE KWA-EAP):

THE COPY OF THE APPEAL MUST BE SUBMITTED TO THE APPLICANT (IKHOPI SIKHALAZO KUMELE ITHUNYELWE KUMFANISI):



Office 870, 5 Balalaika Street, Tasbet Park Ext. 2, eMalaheni (Witbank), 1040

EAP: Dr Kenneth Singo

Email: kenneth@singoconsulting.co.za

Tel No.: +27 13 6920 041

Fax No.: +27 86 5144 103

M/25Nov/Singo/15068/SV/LO46492217

Rodum Projects (Pty) Ltd

Contact person: Mr GB Simelane

Address: 12 Martie Street

Del Judor Ext. 4

Emalaheni, 1035

Cell: 076 246 3677

Fax: 086 5144 103

Email: simelane@jaments.co.za

OMGEWINGS MAGTIGINGS PROSESSE

KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE HENDRINA GROEN WATERSTOF EN AMMONIAAKFASILITEIT, BESTAANDE UIT VERSKEI OMGEWINGMAGTING PROSESSE, HENDRINA, MPUMALANGA

Kennis word gegee in terme van:

• Regulasie 41(2) van GNR 982 (soos gewysig) gepubliseer ingevolge artikel 24 en 24D van die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) (NEMA) (soos gewysig) vir die indiening van verskeie aansoeke om omgewingsmagtigings (EA's) ten opsigte van aktiwiteite geïdentifiseer ingevolge GNR 983, GNR 984 en GNR 985 (soos gewysig)

• Artikel 39 of 41(4) van die Nasionale Waterwet (36 van 1998) (NWA), vir die indiening van 'n Algemene Magtiging (GA) of Watergebruik Lisensie (WUL) Aansoek (soos van toepassing)

• Artikel 38(3)(b) van die Wet op Nasionale Omgewingsbestuur: Luggehalte, 2004 (Wet No. 39 van 2004) (NEM: AQA) van 'n uitnodiging om kommentaar te registreer met betrekking tot 'n aansoek om 'n Atmosferiese Emissielisensie (AEL)

BESKRYWING EN LIGGING

ENERTRAG Suid-Afrika (Edms) Bpk (ENERTRAG SA), stel voor om 'n hernubare-energiekompleks te vestig, bestaande uit verskeie aansoeke vir omgewings magtiging, 17 km wes van Hendrina in Mpumalanga. Die voorgestelde magtiging sluit die volgende Omvang- en Omgewings impak verslagdoening (S&EIR) proses in:

Proponent	Projek	Tegnologie	Proses	Plaasname	
Enertrag SA	Waterstof- en Ammoniaakaanleg en gepaardgaande infrastruktuur	Groen waterstof en ammoniak	S&EIR	Dunbar 189IS 3	Dunbar 189IS 2
				Weltevrede 193IS 18	Dunbar 189IS 4
				Weltevrede 193IS 14	Dunbar 189IS 5
				Weltevrede 193IS 15	Dunbar 189IS 6
				Bultfontein 187IS 1	Dunbar 189IS 7
				Bultfontein 187IS 2	Geluk 26IS 6
				Bultfontein 187IS 3	Geluk 26IS 7
				Bultfontein 187IS 4	Hartebeestkuil 185IS 3
				Bultfontein 187IS 6	Komati Power Station 56IS 0
				Bultfontein 187IS 10	Wilmansrust 47IS 1
				Bultfontein 187IS 14	Wilmansrust 47IS 3
				Dunbar 189IS 0	Wilmansrust 47IS 9
				Dunbar 189IS 1	

OMGEWING AANSOEKE

Die verwagte gelyste aktiwiteits nommers wat met die voorgestelde projekte geassosieer word, word in die tabel hieronder aangedui. Indien u 'n volledige kopie van hierdie aktiwiteite op die lys wil bekom, kontak asseblief die Omgewings evaluering praktisyn (EAP), besonderhede hieronder verskaf.

Projek Naam	Listing Notice	Toepaslike Snellers													
Groen waterstof en ammoniak	GNR 983	9	10	11	12	16	19	24	25	27	28	30	48	56	
	GNR 984	4		6		7		15							
	GNR 985	4		10		12		14			18		23		
GA / WUL (as applicable)	Section 21	21 (a), 21 (c), 21 (i) and 21 (g)													
AEL	GNR 893	Kategorie 7: Anorganiese chemikalieë-industrie Subkategorie 7.1: Produksie en of gebruik in die vervaardiging van ammoniak, fluor, fluorverbindinge, chloor en waterstofsianied													

REGISTRASIE

WSP Group Africa (Edms) Bpk (WSP) is deur ENERTRAG as die WHP aangestel om die S&EIR-prosesse te bestuur. Partye wat formeel as belanghebbendes wil registreer om hul kommentaar oor die voorgestelde projekte te lewer, word versoek om hul volledige kontakbesonderhede aan die WHP te stuur by die besonderhede hieronder verskaf. Geregistreerde belanghebbendes sal alle toekomstige korrespondensie aangestuur word en individueel in kennis gestel word van bykomende geleentheid om aan die proses deel te neem.

KONSEP OMFANGVERSLAG OORSIGTYDPERK

Die Konsep Omgewings bestekverslag sal beskikbaar gestel word vanaf WSP op versoek en/of by die lokale hieronder vir hersiening en kommentaar vir 30 dae vanaf 23 November 2022 tot 16 Januarie 2023.

Gebied	Lokaal	Straat Adres	Kontaknommer
Middelburg and Hendrina	Nkangala District Municipality	2A Walter Sisulu Street, Middelburg	013 249 2000
	Gerald Sekoto Public Biblioteek	Corner Walter Sisulu Street & Wanderers Avenue	013 249 7314
	Hendrina Public Biblioteek	44 Kerk Street, Hendrina	013 249 7314
	Steve Tshwete Local Municipality Office	Walter Sisulu St & Wanderers Ave, Middelburg, 1055	013 243 1656
WSP Website	https://www.wsp.com/en-ZA/services/public-documents		
Datafree Website	https://wsp-engage.com/		

Die kontak besonderhede van die EAP is:

Naam: Thirushan Nadar

Tel: 011 254-4875/ 073 888 3727

Fax: 011 361 1381

E-pos: thirushan.nadar@wsp.com

Adres: Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, 1685

Beskerming van persoonlike inligting: WSP sal sekere persoonlike inligting oor jou as 'n belanghebbende en geaffekteerde party (B&GP) verwerk vir doeleindes om jou registrasie as 'n B&GP moontlik te maak en om jou besonderhede op ons databasis te stoor, indien jy daartoe instem. WSP sal hierdie besonderhede gebruik om jou in die toekoms oor ander relevante projekte te kontak. WSP sal altyd jou persoonlike inligting verwerk in ooreenstemming met die Wet op die Beskerming van Persoonlike Inligting 4 van 2013. Jy is geregtig om jou regte as 'n datasubjek uit te oefen en ons te laat weet of jy as 'n B & GP gederegistreer wil word of as jy nie langer wil hê dat u kontakbesonderhede op ons databasis ingesluit moet word

3-in-1 Wedloop vanaf SAVF tehuis dié naweek

Die Eskom Atletiekklub is die gasheer van die jaarlikse SAVF Tuhuis 3-in-1 wedloop Saterdag vanaf die SAVF Tuhuis vir Bejaardes.

Inskrywings word by die tehuis se hoofingang gedoen vanaf 05:30 en die wedloop spring om 06:30 weg.

Atlete kan inskryf vir die 4.9km (R30), 10km (R80) en 21.1km (R120). Tydelike lisensies is beskikbaar teen R40.

Prysgeld is op die spel vir al die kategorieë vanaf juniors tot meesters.

ASA reëls sal geld, soos dat geen oorfone of honde toegelaat word nie en dat atlete die padreëls moet gehoorsaam.

Vir enige navrae, bel die wedlooporganiseerder, Paul Bester by 082 966 7767.

•Tehuisbestuurder, Bernice du Plessis, sê daar sal 'n hele paar van die SAVF Tuhuis se inwoners deelneem aan die 4.9km pretploop.



Op julle merke, gereed...gaan! Oom Tom Markram en tannie Lettie Tempel het hierdie week geoefen vir die 3-in-1 wedloop wat Saterdag vanaf die SAVF Tuhuis vir Bejaardes gehou word.

SAVF 3 in 1 Race

The running season draws to a close with the SAVF 3 in 1 Race taking place on 26 November.

The races, hosted by the Eskom Athletics Club will consist of a 21 km, 10 km and 4.9 km.

The following fees will be payable before participation: 21 km - R120; 10 km - R80; 4.9 km - R30. Temporary licenses can be purchased for R40.

Registrations start at 05:30 and the first race takes off at 06:30.

For more information, contact Paul Bester at 082 966 7767.

Soccer tournament fixtures

The Steve Tshwete Local Football Association will play host to several soccer games this weekend.

Fixtures for the u/15s are as follows:

25 November:

16:00 – Middelburg Mighty Force vs KPM Academy (Phumula Sports Ground)

16:00 – Zamokuhle vs Dream of Sporting (Rockdale Sports Ground)

16:00 – New Age Galaxy vs Naledi Pillars (Extension 7 Sports Ground)

16:00 – Nkangala Blackburn vs Mhluzi Aces (Sefoloshe Sports Ground)

16:00 – Peace Markers vs Junior Tigers (Newtown Sports Ground)

16:00 – PK Development vs Jento United (Extension 2 Sports Ground)

16:00 – Pretty Stars vs Enemies FC (Phumula Sports Ground)

16:00 – Wailers FC vs Blackpool FC (Extension 7 Sports Ground)

26 November:

12:00 – Two Touch United vs General FC (Arnot Sports Ground)

13:00 – Black Vultures vs Nathi Lions (Sefoloshe Sports Ground)

13:00 – Mission United FC vs Living Sport United (Rockdale Sports Ground)

13:00 – Middelburg Academy vs Happy Fighters (Phumula Sports Grounds).



Hengelvooruitsigte

Die hengelvooruitsigte vir die naweek lyk nie te sleg nie.

•Hengelaar Braam Lee sê reën, wolke en sonskyn in géén volgorde nie, word vir die naweek voorspel.

“Die een viskalender wys dat die naweek 'n goeie hengelaweek sal wees, terwyl 'n ander Toep (App) weer sê dat daar net goeie vangste Saterdagoggend kan wees.”

Daar is min maanlig om te hengel want dit is nuwemaan en daar word nie sterk wind verwag nie.

“Wees versigtig vir daardie onvoorsiene storm wat van nêrens af kan kom! Stywe lyn!”

APPENDIX

B-2 *SITE NOTICES*

ENVIRONMENTAL AUTHORISATION PROCESSES

NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, COMPRISING VARIOUS ENVIRONMENTAL AUTHORISATION PROCESSES, HENDRINA, MPUMALANGA

Notice is given in terms of:

- Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for submission of various applications for environmental authorisations (EAs) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended)
- Section 39 or 41(4) of the National Water Act (36 of 1998) (NWA), for the submission of a General Authorisation (GA) or Water Use Licence (WUL) Application (as applicable)
- Section 38(3)(b) of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) (NEM: AQA) of an invitation to register comments with regards to an application for an Atmospheric Emissions Licence (AEL)

DESCRIPTION AND LOCATION

ENERTRAG South Africa (Pty) Ltd (ENERTRAG SA), proposes to establish a Green Hydrogen and Ammonia facility, comprising various applications for environmental authorisation, approximately 17 west of Hendrina in Mpumalanga. The proposed authorisation will include the following Scoping and Environmental Impact Reporting (S&EIR) processes:

Proponent	Project	Technology	Process	Farm Names
Enertrag SA	Hydrogen and Ammonia Plant and associated infrastructure	Green hydrogen and Ammonia	S&EIR	<ul style="list-style-type: none"> • Dunbar 189IS 3 • Weltevreden 193IS 18 • Weltevreden 193IS 14 • Weltevreden 193IS 15 • Bultfontein 187IS 1 • Bultfontein 187IS 2 • Bultfontein 187IS 3 • Bultfontein 187IS 4 • Bultfontein 187IS 6 • Bultfontein 187IS 10 • Dunbar 189IS 1 • Dunbar 189IS 2 • Dunbar 189IS 4

ENVIRONMENTAL APPLICATIONS

The anticipated listed activity numbers associated with the Proposed Project are reflected in the table below. Should you wish to obtain a complete copy of these listed activities, please contact the Environmental Assessment Practitioner (EAP), details provided below.

Project Name	Listing Notice	Applicable triggers												
Green Hydrogen and Ammonia	GNR 983	9	10	11	12	16	19	24	25	27	28	30	48	56
	GNR 984	4		6		7		15						
	GNR 985	4		10		12		14		18		23		
GA / WUL (as applicable)	Section 21	21 (a), 21 (c), 21 (i) and 21 (g)												
AEL	GNR 893	Category 7: Inorganic Chemicals Industry Subcategory 7.1: Production and or Use in Manufacturing of Ammonia, Fluorine, Fluorine Compounds, Chlorine, and Hydrogen Cyanide												

REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the EAP by ENERTRAG, to manage the S&EIR process. Parties wishing to formally register as stakeholders in order to offer their comment on the Proposed Project are requested to forward their full contact details to the EAP at the details provided below. Registered stakeholders will be forwarded all future correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Environmental Scoping Report will be made available from WSP on request and/or at the venues below for review and comment for 30 days from **23 November 2022 to 16 January 2023**

Area	Venue	Street Address	Contact No
Middleburg, Hendrina	Nkangala District Municipality	2A Walter Sisulu Street, Middelburg	013 249 2000
	Gerald Sekoto Public Public Library	Corner Walter Sisulu Street & Wanderers Avenue, Middelburg	013 249 7314
	Hendrina Public Library	44 Kerk Street, Hendrina	013 249 7314
	Steve Tshwete Local Municipality Office	Walter Sisulu Street & Wanderers Avenue, Middelburg	013 243 1656
WSP Website	https://www.wsp.com/en-ZA/services/public-documents		
Datafree Website	https://wsp-engage.com/		

The contact details of the EAP are:

Name: Thirushan Nadar

Tel: 073 888 3727

Fax: 011 361 1381 **E-mail:** thirushan.nadar@wsp.com **Address:** Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, 1685

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.





Figure 1: Proposed Hendrina Green Hydrogen and Ammonia Facility, with associated infrastructure

OMGEWINGS MAGTIGINGS PROSESSE

KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE HENDRINA GROEN WATERSTOF EN AMMONIAAKFASILITEIT, BESTAANDE UIT VERSKEI OMGEWINGMAGTING PROSESSE, HENDRINA, MPUMALANGA

Kennis word gegee in terme van:

- Regulasie 41(2) van GNR 982 (soos gewysig) gepubliseer ingevolge artikel 24 en 24D van die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) (NEMA) (soos gewysig) vir die indiening van verskeie aansoeke om omgewingsmagtigings (EA's) ten opsigte van aktiwiteite geïdentifiseer ingevolge GNR 983, GNR 984 en GNR 985 (soos gewysig)
- Artikel 39 of 41(4) van die Nasionale Waterwet (36 van 1998) (NWA), vir die indiening van 'n Algemene Magtiging (GA) of Watergebruik Lisensie (WUL) Aansoek (soos van toepassing)
- Artikel 38(3)(b) van die Wet op Nasionale Omgewings bestuur: Luggehalte, 2004 (Wet No. 39 van 2004) (NEM: AQA) van 'n uitnodiging om kommentaar te registreer met betrekking tot 'n aansoek om 'n Atmosferiese Emissielisensie (AEL)

BESKRYWING EN LIGGING

ENERTRAG Suid-Afrika (Edms) Bpk (ENERTRAG SA), stel voor om 'n hernubare-energiekompleks te vestig, bestaande uit verskeie aansoeke vir omgewings magtiging, 17 km wes van Hendrina in Mpumalanga. Die voorgestelde magtiging sluit die volgende Omvang- en Omgewings impak verslagdoening (S&EIR) proses in:

Proponent	Projek	Tegnologie	Proses	Plaasname
Enertrag SA	Waterstof- en Ammoniaakaanleg en gepaardgaande infrastruktuur	Groen waterstof en ammoniak	S&EIR	<ul style="list-style-type: none"> • Dunbar 189IS 3 • Weltevreden 193IS 18 • Weltevreden 193IS 14 • Weltevreden 193IS 15 • Bultfontein 187IS 1 • Bultfontein 187IS 2 • Bultfontein 187IS 3 • Bultfontein 187IS 4 • Bultfontein 187IS 6 • Bultfontein 187IS 10 • Dunbar 189IS 1 • Dunbar 189IS 2 • Dunbar 189IS 4 • Dunbar 189IS 5 • Dunbar 189IS 6 • Dunbar 189IS 7 • Geluk 26IS 6 • Geluk 26IS 7 • Hartebeestkuil 185IS 3 • Komati Power Station 56IS 0 • Wilmansrust 47IS 1 • Wilmansrust 47IS 3 • Wilmansrust 47IS 9 • Bultfontein 187IS 14 • Dunbar 189IS 0

OMGEWING AANSOEKE

Die verwagte gelyste aktiwiteits nommers wat met die voorgestelde projekte geassosieer word, word in die tabel hieronder aangedui. Indien u 'n volledige kopie van hierdie aktiwiteite op die lys wil bekom, kontak asseblief die Omgewings evaluering praktisyn (EAP), besonderhede hieronder verskaf.

Projek Naam	Listing Notice	Toepaslike snellers												
Groen waterstof en ammoniak	GNR 983	9	10	11	12	16	19	24	25	27	28	30	48	56
	GNR 984	4		6		7		15						
	GNR 985	4		10		12		14		18		23		
GA / WUL (as applicable)	Section 21	21 (a), 21 (c), 21 (i) and 21 (g)												
AEL	GNR 893	Kategorie 7: Anorganiese chemikalieë-industrie Subkategorie 7.1: Produksie en of gebruik in die vervaardiging van ammoniak, fluor, fluorverbindinge, chloor en waterstofsianied												

REGISTRASIE

WSP Group Africa (Edms) Bpk (WSP) is deur ENERTRAG as die WHP aangestel om die S&EIR-prosesse te bestuur. Partye wat formeel as belanghebbendes wil registreer om hul kommentaar oor die voorgestelde projekte te lewer, word versoek om hul volledige kontakbesonderhede aan die WHP te stuur by die besonderhede hieronder verskaf. Geregistreerde belanghebbendes sal alle toekomstige korrespondensie aangestuur word en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

KONSEP OMFANGVERSLAG OORSIGTYDPERK

Die Konsep Omgewings bestekverslag sal beskikbaar gestel word vanaf WSP op versoek en/of by die lokale hieronder vir hersiening en kommentaar vir 30 dae vanaf 23 November 2022 tot 16 Januarie 2023.

Gebied	Lokaal	Straat adres	Kontaknommer
Middleburg, Hendrina	Nkangala District Municipality	2A Walter Sisulu Street, Middelburg	013 249 2000
	Gerald Sekoto Public Public Library	Corner Walter Sisulu Street & Wanderers Avenue, Middelburg	013 249 7314
	Hendrina Public Library	44 Kerk Street, Hendrina	013 249 7314
	Steve Tshwete Local Municipality Office	Walter Sisulu Street & Wanderers Avenue, Middelburg	013 243 1656
WSP webwerf	https://www.wsp.com/en-ZA/services/public-documents		
Datavrye webwerf	https://wsp-engage.com/		

Die kontak besonderhede van die EAP is:

Naam: Thirushan Nadar **Tel:** 073 888 3727 **Fax:** 011 361 1381 **E-pos:** thirushan.nadar@wsp.com@wsp.com **Adres:** Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, 1685

Beskerming van persoonlike inligting: WSP sal sekere persoonlike inligting oor jou as 'n belanghebbende en geaffekteerde party (B&GP) verwerk vir doeleindes om jou registrasie as 'n B&GP moontlik te maak en om jou besonderhede op ons databasis te stoor, indien jy daartoe instem. WSP sal hierdie besonderhede gebruik om jou in die toekoms oor ander relevante projekte te kontak. WSP sal altyd jou persoonlike inligting verwerk in ooreenstemming met die Wet op die Beskerming van Persoonlike Inligting 4 van 2013. Jy is geregtig om jou regte as 'n datasubjek uit te oefen en ons te laat weet of jy as 'n B & GP gederegistreer wil word of as jy nie langer wil hê dat u kontakbesonderhede op ons databasis ingesluit moet word





Figure 1: Voorgestelde Hendrina Groen Waterstof en Ammoniak Fasiliteit, met gepaardgaande infrastruktuur

IZINQUBO ZOKUGUNYAZWA KWEZEMVELO

ISAZISO NGENTHUTHUKO EHLONGOZWAYO I-HENDRINA HYDROGEN ELUHLAZA KANYE NESIKHUNGO SE AMONIYA, EHLANGANISA IZINQUBO EZAHLUKENE ZOKUGUNYAZWA NGOKWEZEMVELO, E-HENDRINA, MPUMALANGA

Isaziso sinikezwa ngokwemibandela:

- Umthethonqubo 41(2) we-GNR 982 (njengoba uchitshiyelwe) oshicilelwe ngaphansi kwesigaba 24 no-24D soMthetho Wokuphathwa Kwemvelo Kazwelonke (No. 107 ka-1998) (NEMA) (njengoba uchitshiyelwe) ukuze kuthunyelwe isicelo zokugunyazwa kwezemvelo (EA) mayelana nemisebenzi ehlonzwe ngokwe-GNR 983, GNR 984 kanye ne-GNR 985 (njengoba ichtshiyelwe)
- Isigaba sama-39 noma sama-41(4) soMthetho Wamanzi Kazwelonke (36 ka-1998) (NWA), ukuze kuthunyelwe isicelo sokuGunyazwa Okujwayelekile (GA) noma seLayisense Yokusebenzisa Amanzi (WUL) (njengoba sikhona)
- Isigaba 38(3)(b) soMthetho Wokuphathwa Kwemvelo Kazwelonke: Umthetho Wekhwalthi Yomoya, 2004 (uMthetho No. 39 ka-2004) (NEM: AQA) wesimemo sokubhalisa imibono maqondana nesicelo Selayisensi Yokungcoliswa Komoya (Atmospheric Emissions License) I-AEL)

INCAZELO NENDAWO

I-ENERTRAG South Africa (Pty) Ltd (ENERTRAG SA), ihlangoza ukusungula inxanxathela yamandla avuselelekayo, ehlanganisa izicelo ezihlukahlukene zokugunyazwa kwezemvelo, okuyi-17Km eNtshonalanga ye-Hendrina eMpumalanga. Ukugunyazwa okuhlongozwayo kubandakanya le nqubo elandelayo yokubika nge-Scoping and Environmental Impact Report (S&EIR):

Umsekeli	Iphrojekthi	Ubuchwepheshe	Inqubo	Amagama Epulazi
Enertrag SA	I-Hydrogen kanye nemboni ye-Amoniya kanye nengqalasizinda ehlobene	I-hydrogen eluhlaza ne-Amoniyaa	S&EIR	<ul style="list-style-type: none"> • Dunbar 189IS 3 • Weltevreden 193IS 18 • Weltevreden 193IS 14 • Weltevreden 193IS 15 • Bultfontein 187IS 1 • Bultfontein 187IS 2 • Bultfontein 187IS 3 • Bultfontein 187IS 4 • Bultfontein 187IS 6 • Bultfontein 187IS 10 • Dunbar 189IS 1 • Dunbar 189IS 2 • Dunbar 189IS 4
				<ul style="list-style-type: none"> • Dunbar 189IS 5 • Dunbar 189IS 6 • Dunbar 189IS 7 • Geluk 26IS 6 • Geluk 26IS 7 • Hartebeestkuil 185IS 3 • Komati Power Station 56IS 0 • Wilmansrust 47IS 1 • Wilmansrust 47IS 3 • Wilmansrust 47IS 9 • Bultfontein 187IS 14 • Dunbar 189IS 0

IZICELO ZEMVELO

Izinombolo zemisebenzi esohlwini ezilindelwe ezihlotshaniswa NePhrojekthi Ehlongozwayo ziboniswa kwitafula elingezansi. Uma ufisa ukuthola ikhophi ephelile yale misebenzi esohlwini, sicela uthinte Umsebenzi Wokuhlola Imvelo (EAP), imininingwane enikezwe ngezansi.

Igama lephrojekthi	Isaziso Sohlu	Izibangeli ezisebenzayo												
I-Hydrogen eluhlaza kanye ne-Amoniya	GNR 983	9	10	11	12	16	19	24	25	27	28	30	48	56
	GNR 984	4		6		7		15						
	GNR 985	4		10		12		14		18		23		
GA / WUL (efanele)	Section 21	21 (a), 21 (c), 21 (i) and 21 (g)												
AEL	GNR 893	Isigaba 7: Isigaba Somkhakha Wamakhemikhali Angaphili 7.1: Ukukhiqizwa kanye noma Ukusetshenziswa Ekukhiqizeni I-Amonia, I-Fluorine, Inhlanganisela Ye-Fluorine, I-Chlorine, ne-Hydrogen Cyanide												

UKUBHALISA

I-WSP Group Africa (Pty) Ltd (WSP) iqokwe njenge-EAP yi-ENERTRAG, ukuphatha inqubo ye-S&EIR. Abantu abafisa ukubhalisa ngokusemthethweni njengababambe iqhaza ukuze babeke imibono yazo mayelana nePhrojekthi Ehlongozwayo bayacelwa ukuba bathumele imininingwane yabo egcwele ku-EAP kule mininingwane enikezwe ngezansi. Ababambiqhaza ababhalisiwe bazothunyelwa zonke izincwadi zesikhathi esizayo futhi baziswe ngamunye ngamunye amathuba okubamba iqhaza kulolu hlobo.

ISIKHATHI SOKUBUYEKEZWA KWESIKOPI ESALUNGILE

Umbiko Osalungiswa Wokuhlola Imvelo uzotholakala kwa-WSP ngesicelo kanye/noma ezindaweni ezingezansi ukuze ubonwe futhi kuphawule ngawo izinsuku ezingama-30 kusukela 23 Novemba 2022 kuya ku-16 Januwari 2023.

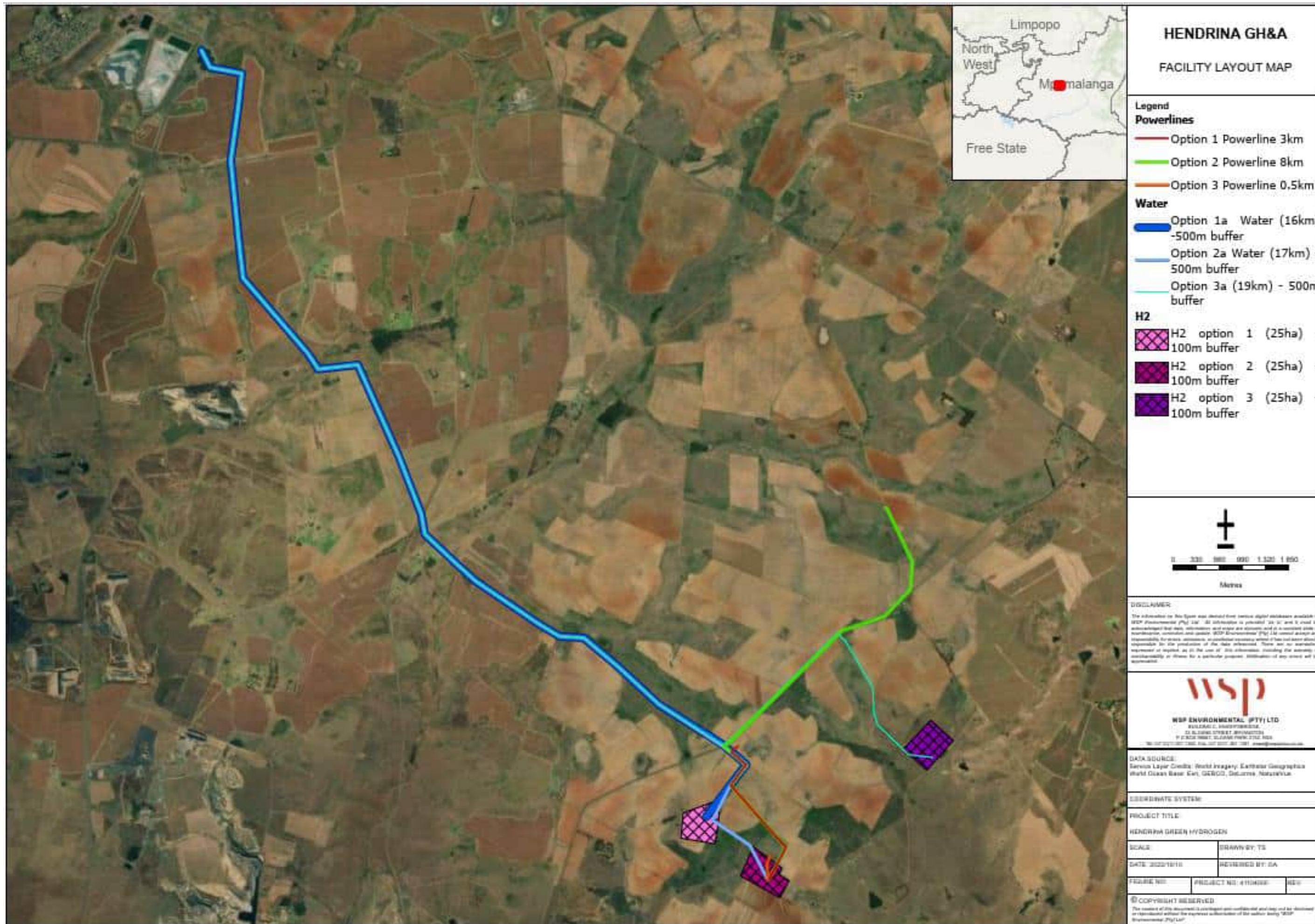
Indawo	Indawo	Ikheli lesitaladi	Xhumano No
Middleburg, Hendrina	Nkangala District Municipality	2A Walter Sisulu Street, Middelburg	013 249 2000
	Gerald Sekoto Public Library	Corner Walter Sisulu Street & Wanderers Avenue, Middelburg	013 249 7314
	Hendrina Public Library	44 Kerk Street, Hendrina	013 249 7314
	Steve Tshwete Local Municipality Office	Walter Sisulu Street & Wanderers Avenue, Middelburg	013 243 1656
WSP Iwebhusayithi	https://www.wsp.com/en-ZA/services/public-documents		
Datafree Iwebhusayithi	https://wsp-engage.com/		

Imininingwane yokuxhumana ye-EAP ithi:

Igama: Thirushan Nadar **Ucingo:** 073 888 3727 **Ifekisi:** 011 361 1381 **I-imeyili:** thirushan.nadar@wsp.com@wsp.com **Ikheli:** Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, 1685

Ukuvikelwa Kolwazi Lomuntu Siqu: I-WSP izocubungula ulwazi oluthile lomuntu siqu olumayelana nawe njengomuntu onentshisekelo noma othintekayo (I&AP) ngezinjongo zokwenza ukubhalisa kwakho njenge-I&AP nokucina imininingwane yakho kusizindalwazi sethu, uma uvuma ukuba senze kanjalo. I-WSP izosebenzisa le mininingwane ukuze ixhumane nawe mayelana namanye amaphrojekthi abalulekile esikhathini esizayo. I-WSP izohlala icubungula ulwazi lwakho lomuntu siqu ngokuhambisana noMthetho Wokuvikela Ulwazi Lomuntu Siqu 4 ka-2013. Unelungelo lokusebenzisa amalungelo akho njengesihloko sedatha futhi usazise uma ufisa ukukhishwa ukubhaliswa njenge-I & AP noma uma cha. usefuna imininingwane yakho yokuxhumana ifakwe kusizindalwazi sethu





Umfanekiso 1: Indawo ehlongozwayo ye-Hendrina Green Hydrogen and Ammonia, nengqalasizinda ehlobene

APPENDIX

B-3 NOTIFICATION LETTER



WSP ref.: 41104000

23 November 2022

Dear Stakeholder,

Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA PROVINCE

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of applications for environmental authorisations (EAs) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).

DESCRIPTION AND LOCATION

The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina Green Hydrogen and Ammonia Facility located near Hendrina in the Mpumalanga Province. The project is located within the Steve Tshwete Local Municipality in the Mpumalanga Province. The following farm portions are affected by the project:

- Dunbar 189IS 3
- Weltevreden 193IS 18
- Weltevreden 193IS 14
- Weltevreden 193IS 15
- Bultfontein 187IS 1
- Bultfontein 187IS 2
- Bultfontein 187IS 3
- Bultfontein 187IS 4
- Bultfontein 187IS 6
- Bultfontein 187IS 10
- Dunbar 189IS 1
- Dunbar 189IS 2
- Dunbar 189IS 4
- Dunbar 189IS 5
- Dunbar 189IS 6
- Dunbar 189IS 7
- Geluk 26IS 6
- Geluk 26IS 7
- Hartebeestkuil 185IS 3
- Komati Power Station 56IS 0
- Wilmansrust 47IS 1
- Wilmansrust 47IS 3
- Wilmansrust 47IS 9
- Bultfontein 187IS 14
- Dunbar 189IS 0

Building C, Knightsbridge
33 Sloane Street
Bryanston, 2191
South Africa

T: +27 11 361 1300
F: +27 11 361 1301
wsp.com



ENVIRONMENTAL APPLICATIONS

A Scoping and Environmental Impact Reporting (S&EIR) Process is required for the project. The listed activity numbers associated with the Proposed Projects are reflected below. Should you wish to obtain a complete copy of these listed activities, please contact the Environmental Assessment Practitioner (EAP), details provided below.

- GNR 983 Listed Activities: 9(i), 10(i), 12(ii)(a)(c), 16, 19, 24(ii), 25, 27, 28(ii), 30, 48(i)(a)(c), 56(i)(ii)
- GNR 984 Listed Activities: 4, 6, 7(ii), 15
- GNR 985 Listed Activities: 4(f)(i)(cc)(ee), 10(f)(i)(bb)(cc)(ee)(hh), 12(f)(i)(ii), 14(ii)(a)(c)(f)(i)(bb)(dd)(ff), 18(f)(i)(bb)(cc)(ee), 23(ii)(a)(c)(f)(i)(bb)(cc)(ee),
- National Water Act (No. 36 Of 2004)- The list of water uses applicable to the proposed Project under Section 21 of the NWA include: 21(a), (c), (g) and (i).
- Air Emission Licence GNR 893 Category 7: Inorganic Chemicals Industry Subcategory 7.1: Production and or Use in Manufacturing of Ammonia, Fluorine, Fluorine Compounds, Chlorine, and Hydrogen Cyanide

REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the S&EIR Process. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Scoping Report will be made available at the venues below for review and comment for 30 days from **23 November 2022** to **16 January 2023**:

- Gerard Sekoto Library;
- Hendrina Public Library;
- Steve Tshwete Local Municipality Office
- Nkangala District Municipality office
- Datafree Website - (<https://wsp-engage.com/>)
- WSP Website - <https://www.wsp.com/en-ZA/services/public-documents>

Kindly ensure that all comments on the proposed project or requests to be registered as an Interested and Affected Party are submitted to the contact details provided herewith, by **16 January 2023**. Should you have any queries/comments, please do not hesitate to contact the EAP.

Contact details:

Thirushan Nadar

Tel: +27 11 300-6185

E-mail: thirushan.nadar@wsp.com

Address: Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand

WSP will be processing certain personal information about you as an interested and affected party (I & AP) for purposes of enabling your registration as an I & AP and for purposes of storing your details on our database, if you consent for us to do so. WSP uses these details to contact you about other projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us



know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.



WSP ref.: 41104000

23 November 2022

Geagte Belanghebbende,

Onderwerp: KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE HENDRINA GROEN WATERSTOF EN AAMMONIA FASILITEIT, MPUMALANGA PROVINSIE

Kennis word gegee ingevolge Regulasie 41(2) van GNR 982 (soos gewysig) gepubliseer onder artikel 24 en 24D van die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) (NEMA) vir die indiening van aansoeke om omgewingsmagtigings (EA's) ten opsigte van aktiwiteite geïdentifiseer ingevolge GNR 983, GNR 984 en GNR 985 (soos gewysig).

BESKRYWING EN LIGGING

Die Proponent, ENERTRAG SA (Edms.) Bpk., stel voor om die Hendrina Groenwaterstof- en Ammoniakfasiliteit naby Hendrina in die Mpumalanga Provinsie te ontwikkel. Die projek is in die Steve Tshwete Plaaslike Munisipaliteit in die Mpumalanga Provinsie geleë. Die volgende plaasgedeeltes word deur die projek geraak:

Weltevreden 193IS 18
Weltevreden 193IS 14
Weltevreden 193IS 15
Bultfontein 187IS 1
Bultfontein 187IS 2
Bultfontein 187IS 3
Bultfontein 187IS 4
Bultfontein 187IS 6
Bultfontein 187IS 10
Dunbar 189IS 1
Dunbar 189IS 3
Dunbar 189IS 2
Dunbar 189IS 4
Dunbar 189IS 5
Dunbar 189IS 6
Dunbar 189IS 7
Geluk 26IS 6
Geluk 26IS 7
Hartebeestkuil 185IS 3
Komati Power Station 56IS 0
Wilmansrust 47IS 1
Wilmansrust 47IS 3
Wilmansrust 47IS 9
Bultfontein 187IS 14
Dunbar 189IS 0

Building C, Knightsbridge
33 Sloane Street
Bryanston, 2191
South Africa

T: +27 11 361 1300
F: +27 11 361 1301
wsp.com

OMGEWING STOEPASSINGS

'n Omvang- en Omgewings impakverslagdoening (S&OIV)-proses word vir die projek vereis. Die gelyste aktiwiteitsnommers wat met die voorgestelde projekte geassosieer word, word hieronder weerspieël. Indien u 'n volledige kopie van hierdie aktiwiteite op die lys wil bekom, kontak asseblief die Omgewing sevalueringpraktisyn (WHP), besonderhede hieronder verskaf.

- **GNR 983 Gelyste aktiwiteite:** 9(i), 10(i), 12(ii)(a)(c), 16, 19, 24(ii), 25, 27, 28(ii), 30, 48(i)(a)(c), 56(i)(ii)
- GNR 984 Gelyste aktiwiteite: 4, 6, 7(ii), 15
- **GNR 985 Gelyste aktiwiteite:** 4(f)(i)(cc)(ee), 10(f)(i)(bb)(cc)(ee)(hh), 12(f)(i)(ii), 14(ii)(a)(c)(f)(i)(bb)(dd)(ff), 18(f)(i)(bb)(cc)(ee), 23(ii)(a)(c)(f)(i)(bb)(cc)(ee),
- **Nasionale Waterwet (No. 36 Of 2004)-** Die lys van watergebruike van toepassing op die voorgestelde Projek kragtens Artikel 21 van die NWA sluit in: 21(a), (c), (g) and (i).
- **Lugvrystellingslisensie GNR 893 Kategorie 7:** Anorganiese chemikalieë-industrie Subkategorie 7.1: Produksie en of gebruik in die vervaardiging van ammoniak, fluor, fluorverbinding, chloor en waterstofsianied

REGISTRASIE

WSP Group Africa (Edms) Bpk (WSP) is aangestel as die onafhanklike en toepaslik gekwalifiseerde EAP deur ENERTRAG SA (Edms) Bpk, om die S&OIV-proses te bestuur en te onderneem. Partye wat formeel as belanghebbende en geaffekteerde partye wil registreer om meer inligting te ontvang en/of hul kommentaar(s) oor die voorgestelde projek te lewer, word versoek om hul volledige kontakbesonderhede aan die WHP te stuur en hul direkte besigheid, finansiële, persoonlike of ander belangstelling in die projek. Enige kommentaar oor die voorgestelde projek kan by die WHP ingedien word via die besonderhede wat hieronder verskaf word. Geregistreerde belangstellende en geaffekteerde partye sal alle toekomstige projekverwante korrespondensie aangestuur word en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

KONSEP OMFANGVERSLAG OORSIGTYDPERK

Die Konsep Omvangbepalingsverslag sal vir 30 dae vanaf 23 November 2022 tot 16 Januarie 2023 by die lokale hieronder beskikbaar gestel word vir hersiening en kommentaar:

- Gerard Sekoto-biblioteek;
- Hendrina Openbare Biblioteek;
- Steve Tshwete Plaaslike Munisipaliteit Kantoor
- Nkangala Distriksmunisipaliteit kantoor
- Datavrye webwerf - (<https://wsp-engage.com/>)
- WSP-webwerf - <https://www.wsp.com/en-ZA/services/public-documents>

Maak asseblief seker dat alle kommentaar oor die voorgestelde projek of versoeke om as 'n Belanghebbende en Geaffekteerde Party geregistreeer te word ingedien word by die kontakbesonderhede wat hiermee verskaf word, teen 16 Januarie 2023. Indien u enige navrae/opmerkings het, moet asseblief nie huiwer om die WHP te kontak nie.

Kontakbesonderhede:

Thirushan Nadar

Tel: +27 11 300-6185

E-Pos: thirushan.nadar@wsp.com

Adres: Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand

WSP sal sekere persoonlike inligting oor jou as 'n belanghebbende en geaffekteerde party (B & GP) verwerk vir doeleindes om jou registrasie as 'n B & GP moontlik te maak en vir doeleindes om jou besonderhede op ons databasis te stoor, indien jy daartoe instem dat ons dit doen. WSP gebruik hierdie besonderhede om jou te kontak oor ander projekte in die toekoms. WSP sal altyd jou persoonlike



inligting verwerk in ooreenstemming met die Wet op die Beskerming van Persoonlike Inligting 4 van 2013. Jy is geregtig om jou regte as 'n datasubjek uit te oefen en ons te laat weet of jy as 'n B & GP gederegistreer wil word of as jy nie langer wil hê dat u kontakbesonderhede op ons databasis ingesluit moet word.

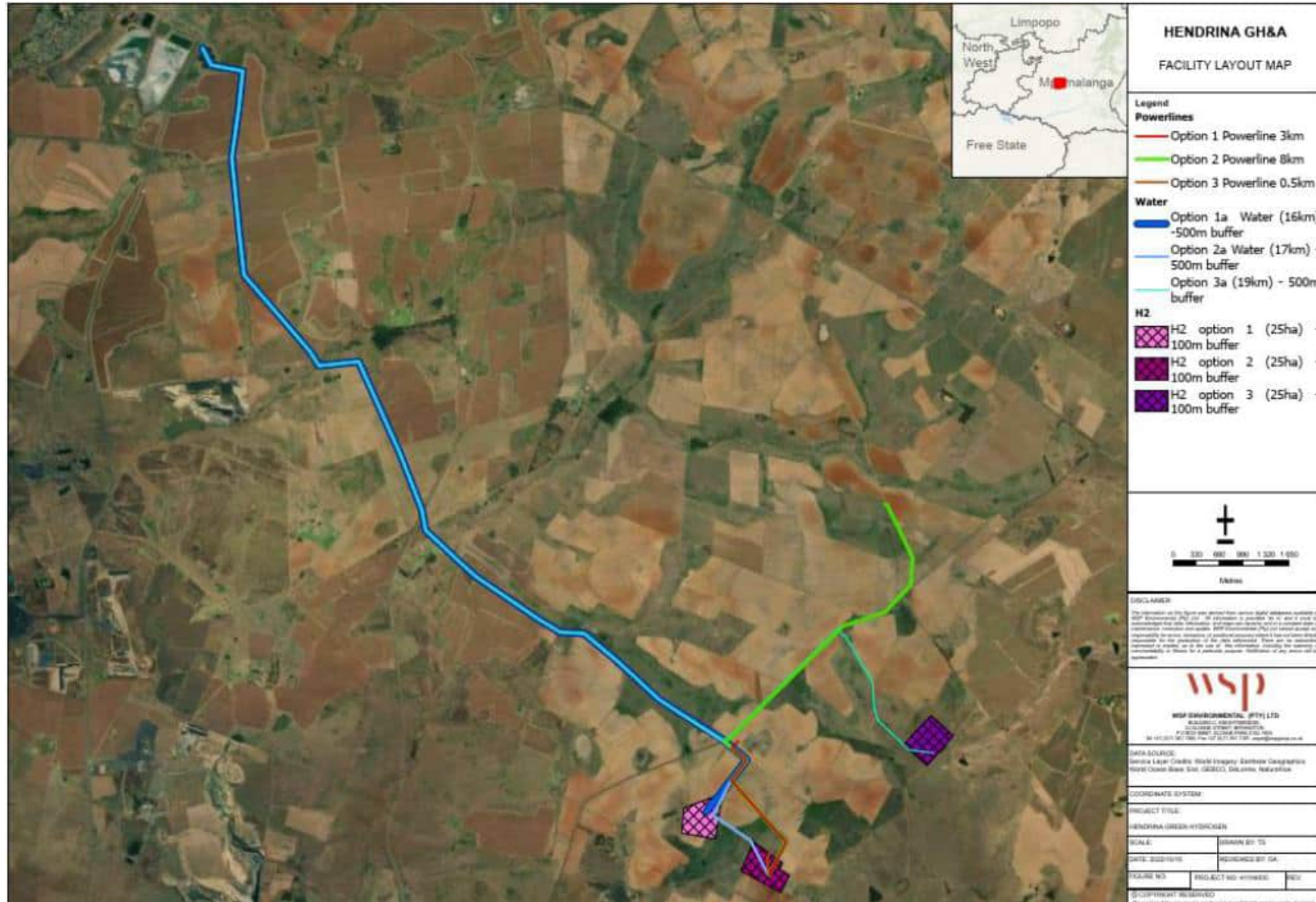


Figure 1: Voorgestelde Hendrina Groen Waterstof en Ammoniak Faciliteit



WSP ref.: 41104000

23 November 2022

Sawubona Bambimbiqhaza,

Isihloko: ISAZISO SOKUTHUTHUKISWA OKUHLONGOZWAYO KWE-HENDRINA GREEN HYDROGEN AND AMMONIA FACILITATION, ESIFUNDAZWENI SASEMPUMALANGA.

Isaziso sinikezwe ngokoMthethonqubo 41(2) we-GNR 982 (njengoba uchitshiyelwe) oshicilelwe ngaphansi kwesigaba 24 no-24D soMthetho Wokuphathwa Kwemvelo Kazwelonke (No. 107 ka-1998) (NEMA) ukuze kuthunyelwe izicelo zokugunyazwa kwezemvelo (EAs).) mayelana nemisebenzi ehlonzwe ngokwe-GNR 983, GNR 984 kanye ne-GNR 985 (njengoba ichitshiyelwe).

INCAZELO NENDAWO

Umsekeli, i-ENERTRAG SA (Pty) Ltd, ihlongoza ukuthuthukisa isikhungo i-Hendrina Green Hydrogen kanye ne-Ammonia eduze kwase-Hendrina esiFundazweni saseMpumalanga. Lo msebenzi utholakala kuMasipala Wendawo waseSteve Tshwete esiFundazweni saseMpumalanga. Izigaba ezilandelayo zamapulazi zithintwa yile phrojekthi:

Weltevreden 193IS 18
Weltevreden 193IS 14
Weltevreden 193IS 15
Bultfontein 187IS 1
Bultfontein 187IS 2
Bultfontein 187IS 3
Bultfontein 187IS 4
Bultfontein 187IS 6
Bultfontein 187IS 10
Dunbar 189IS 1
Dunbar 189IS 3
Dunbar 189IS 2
Dunbar 189IS 4
Dunbar 189IS 5
Dunbar 189IS 6
Dunbar 189IS 7
Geluk 26IS 6
Geluk 26IS 7
Hartebeestkuil 185IS 3
Komati Power Station 56IS 0
Wilmansrust 47IS 1
Wilmansrust 47IS 3
Wilmansrust 47IS 9
Bultfontein 187IS 14
Dunbar 189IS 0

Building C, Knightsbridge
33 Sloane Street
Bryanston, 2191
South Africa

T: +27 11 361 1300
F: +27 11 361 1301
wsp.com

UKUFANELEKA UHAMBO LWEMVELO YEMVELO

Kudingeka inqubo yokubika nge-Scoping and Environmental Impact Reporting (S&EIA) kuphrojekthi. Izinombolo zomsebenzi ezisohlwini ezihlobene namaphrojekthi ahlongozwayo ziboniswa ngezansi. Uma ungathanda ukuthola ikhophi egcwele yale misebenzi ohlwini, sicela uthinte Umsebenzi Wokuhlola Imvelo (EAP), imininingwane enikezwe ngezansi.

GNR 983 Imisebenzi esohlwini: 9(i), 10(i), 12(ii)(a)(c), 16, 19, 24(ii), 25, 27, 28(ii), 30, 48(i)(a)(c), 56(i)(ii)

GNR 984 Imisebenzi esohlwini: 4, 6, 7(ii), 15

GNR 985 Imisebenzi esohlwini: 4(f)(i)(cc)(ee), 10(f)(i)(bb)(cc)(ee)(hh), 12(f)(i)(ii), 14(ii)(a)(c)(f)(i)(bb)(dd)(ff), 18(f)(i)(bb)(cc)(ee), 23(ii)(a)(c)(f)(i)(bb)(cc)(ee),

Umthetho Wamanzi Kazwelonke (No. 36 Of 2004)- Uhlu lwamanzi asetshenziswayo olusebenza kuPhrojekthi ehlongozwayo ngaphansi kweSigaba 21 se-NWA luhlanganisa: 21(a), (c), (g) and (i).

Ilayisense Yokukhipha Umoya GNR 893 Isigaba 7: Isigaba Esilandelayo Semboni Yamakhemikhali Angaphili 7.1: Ukukhiqizwa kanye noma Ukusetshenziswa Ekukhiqizeni I-Ammonia, I-Fluorine, I-Fluorine Compounds, i-Chlorine, ne-Hydrogen Cyanide

UKUBHALISA

I-WSP Group Africa (Pty) Ltd (WSP) iqokwe njenge-EAP ezimele nefaneleke ngokufanelekile yi-ENERTRAG SA (Pty) Ltd, ukuze ilawule futhi yenze inqubo ye-S&EIA. Izinhlangothi ezifisa ukubhalisa ngokusemthethweni njengezinhlango ezinentshisekelo nathintekayo ukuze zithole ulwazi olwengeziwe kanye/noma zinikeze ukuphawula kwazo ngephrojekthi ehlongozwayo ziyacelwa ukuba zithumele imininingwane yazo egcwele yokuxhumana kwa-EHP kanye nezamabhezini eziqondile, ezezimali, ezomuntu siqu noma okunye. kuphrojekthi. Noma yimiphi imibono ngephrojekthi ehlongozwayo ingathunyelwa ku-EHP ngemininingwane enikezwe ngezansi. Abantu ababhalisiwe abanentshisekelo nabathintekayo bazothunyelwa kuzo zonke izincwadi zesikhathi esizayo ezihlobene nephrojekthi futhi baziswe ngabanye ngamathuba engeziwe okubamba iqhaza kulolu hlelo.

ISIKHATHI SOKUBUYEKEZWA KOMBIKO OSAHLULEKILE

Umbiko Osalungiswa Wokuhlela uzokwenziwa utholakale ukuze ubuyekezwe futhi kuphawulwe ngawo izinsuku ezingama-30 kusukela zingama-23 Novemba 2022 kuya kumhla ziyi-16 kuMasingana 2023 kulezi zindawo ezingezansi:

- Umtapo wolwazi kaGerard Sekoto;
- Umtapo Wolwazi Womphakathi wase-Hendrina;
- Ihhovisi likaMasipala Wendawo kaSteve Tshwete
- Ihhovisi likaMasipala Wesifunda saseNkangala
- Iwebhusayithi Yamahhala Yedatha - (<https://wsp-engage.com/>)
- Iwebhusayithi ye-WSP - <https://www.wsp.com/en-ZA/services/public-documents>

Sicela uqinisekise ukuthi konke ukuphawula ngephrojekthi ehlongozwayo noma izicelo zokubhaliswa Njengabantu Abanentshisekelo Nothintekayo zithunyelwa emininigwaneni yokuxhumana ehlinzekwe lapha zingakadluli umhla ziyi-16 kuMasingana 2023. Uma unemibuzo/ukuphawula sicela ungangabazi ukuthintana ne-WHP.Kontakbesonderhede:

Thirushan Nadar

Bala: +27 11 300-6185

I-imeyili: thirushan.nadar@wsp.com

Ikheli: Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand

I-WSP izocubungula ulwazi oluthile lomuntu siqu olumayelana nawe njengomuntu onentshisekelo noma othintekayo (B&GP) ngezinjongo zokwenza ukubhaliswa kwakho kube yi-B&GP kanye nezinjongo zokugcina imininingwane yakho kusizindalwazi sethu, uma uvuma ukuthi sikwenze. I-WSP isebenzisa le mininingwane ukuze ixhumane nawe mayelana namanye amaphrojekthi esikhathini esizayo. I-WSP izohlala icubungula ulwazi lwakho lomuntu siqu ngokuhambisana noMthetho Wokuvikela Ulwazi Lomuntu Siqu 4 ka-2013. Unelungelo lokusebenzisa amalungelo akho njengesihloko sedatha futhi



usazise uma ufisa ukukhishwa ukubhaliswa njenge-B & GP noma uma awusafuni ukuthi imininingwane yakho yokuxhumana ifakwe kusizindalwazi sethu.

APPENDIX

B-4 E-MAIL NOTIFICATIONS

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Wednesday, 23 November 2022 08:31
To: Nadar, Thirushan
Cc: Sandhisha JayNarain; Strong, Ashlea
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report Review
Attachments: 41104000_Hendrina GH&A SEIR_Notification Letter_Afrikaans.pdf; 41104000_Hendrina GH&A SEIR_Notification Letter_English.pdf; 41104000_Hendrina GH&A SEIR_Notification Letter_Zulu.pdf

Dear Commenting Authority,

PLEASE FIND ATTACHED NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA

Notice is given in terms of:

- Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).

The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

- Farm Dunbar No.189IS (Portions 0, 1, 2, 3, 4, 5, 6, 7)
- Farm Weltevreden No.193IS (Portions 18, 14, 15)
- Farm Bultfontein No. (Portions 1, 2, 3, 4 ,6, 10, 14)
- Farm Geluk No.26IS (Portions 6 , 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the S&EIR Process. Parties wishing to formally register as stakeholders in order to offer their comment on the Proposed Projects are requested to forward their full contact details to the EAP at the details provided below. Registered stakeholders will be forwarded all future correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Environmental Scoping Report has been made available for 30 days from **23 November 2022 to 16 January 2023** on the WSP website, a Datafree website, via One Drive Link for download and the following public places:

Area	Venue	Street Address
Middleburg and Hendrina	Gerald Sekoto Library	Corner Walter Sisulu Street & Wanderers Avenue
	Hendrina Public library	44 Kerk Street, Hendrina
	Nkangala District municipality	2A Walter Sisulu Street, Middelburg
	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	<input type="checkbox"/> Hendrina GH&A-Commenting Authority	

WSP Website	https://www.wsp.com/en-ZA/services/public-documents
Datafree Website	https://wsp-engage.com/

Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder.

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
 Consultant

T +27 11 300-6185



WSP in Africa
 Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand
 South Africa

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WSP Group Africa (Pty) Ltd, Registered Office: Building C, Knightsbridge, 33 Sloane Street, Bryanston, 2191, South Africa Registered Number: 1999/008928/07 South Africa

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Wednesday, 23 November 2022 08:31
To: Nadar, Thirushan
Cc: Strong, Ashlea; Sandhisha JayNarain
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report
Attachments: 41104000_Hendrina GH&A SEIR_Notification Letter_Afrikaans.pdf; 41104000_Hendrina GH&A SEIR_Notification Letter_English.pdf; 41104000_Hendrina GH&A SEIR_Notification Letter_Zulu.pdf

Dear Landowner,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).

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	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	<input type="checkbox"/> Hendrina GH&A-Landowners	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder.

In order to assist with the completeness of our database, please can you provide us with the contact details (name, cell phone number and email address) of the below:

1. Tenants on your properties.
2. Employees at your properties.
3. Neighbouring land owner.
4. Neighbouring tenants.
5. Any other interested party.

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

We look forward to your participation in this process.

Kind regards



Thirushan Nadar

Consultant

T +27 11 300-6185



WSP in Africa

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To: Nadar, Thirushan
Cc: Sandhisha JayNarain; Strong, Ashlea
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Attachments: 41104000_Hendrina GH&A SEIR_Notification Letter_Afrikaans.pdf; 41104000_Hendrina GH&A SEIR_Notification Letter_English.pdf; 41104000_Hendrina GH&A SEIR_Notification Letter_Zulu.pdf

Dear Stakeholders,

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OneDrive	<input type="checkbox"/> Hendrina GH&A I&APs	
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Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



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APPENDIX

B-5 *SMS NOTIFICATIONS*

2022-11-23 08:54:06.0	Personal details of I&AP redacted as required by the POPI Act	Delivered upstream	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
2022-11-23 08:54:06.0		Failed	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
2022-11-23 08:54:06.0		Delivered upstream	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
2022-11-23 08:54:06.0		Delivered to phone	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
2022-11-23 08:54:06.0		Delivered upstream	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
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2022-11-23 08:54:06.0		Delivered upstream	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
2022-11-23 08:54:06.0		Delivered upstream	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
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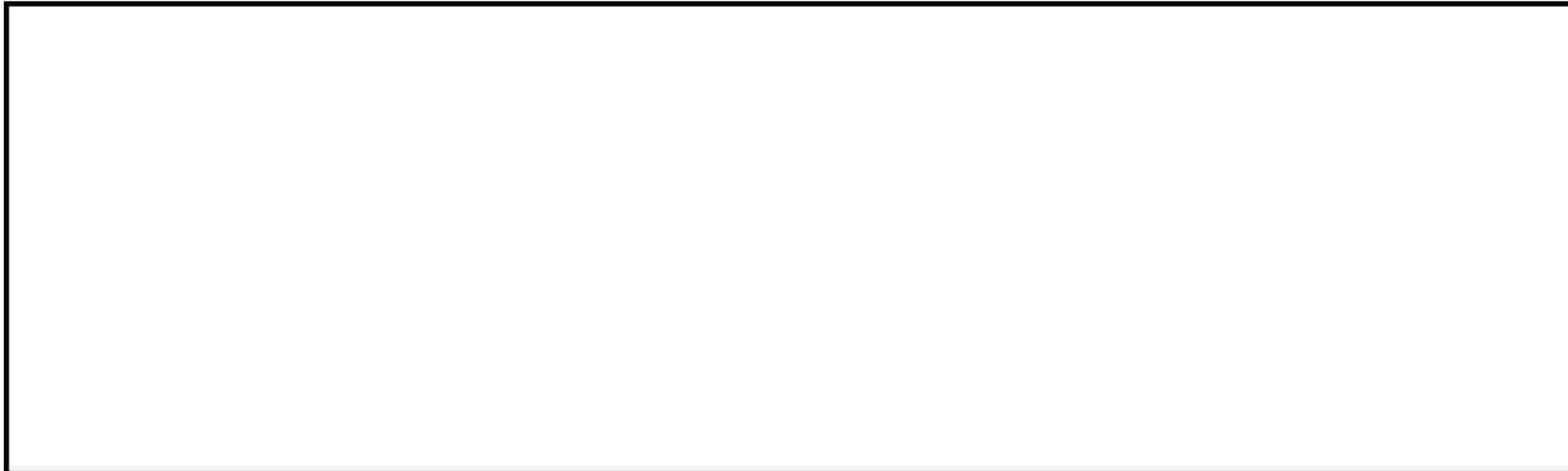
2022-11-23 08:54:06.0	Personal details of I&AP redacted as required by the POPI Act	Delivered upstream	Notice of Public Review of Draft Scoping Report for Hendrina Green Hydrogen & Ammonia Facility from 23/11/22-16/01/23. Contact WSP on 011 300 6185
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APPENDIX

B-6 *PROOF OF REPORTS AVAILABILITY*



Proposed Hendrina Green Hydrogen & Ammonia Facility and Associated Infrastructure

Title of Project: Proposed Hendrina Green Hydrogen & Ammonia Facility and Associated Infrastructure

Public Review Period: 23 November 2022 to 16 January 2023

Document on Public Display: Draft Environmental Scoping Report

Contact Person: Thirushan Nadar
(Thirushan.Nadar@wsp.com)

[Download Document](#)



Title of Project: Proposed Hendrina Green Hydrogen & Ammonia Facility and Associated Infrastructure

Public Review Period: 23 November 2022 to 16 January 2023

Document on Public Display: Draft Environmental Scoping Report

Contact Person: Thirushan Nadar (Thirushan.Nadar@wsp.com)

— [Enertrag](#) [Hendrina Green H&A](#) [Draft Scoping Report](#) [Public Review](#)

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✓ Heritage Cases *HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY* has been created.

Heritage Cases

VIEW EDIT

SAHRA Application Closure

Please note the following concerning applications submitted to the South African Heritage Resources Agency (SAHRA) during the December 2022 to January 2023 period.

The full notice is available here: [Notice](#)

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HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY

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[CaseHeader](#)
[LocationInfo](#)
[Admin](#)

Status: SUBMITTED

HeritageAuthority(s): SAHRA

Case Type: Section 38 (8) - Statutory Comment Required

Development Type: Renewable Energy

ProposalDescription:
 The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina Green Hydrogen and Ammonia Facility located near Hendrina in the Mpumalanga Province. The project is located within the Steve Tshwete Local Municipality in the Mpumalanga Province.

ApplicationDate: Wednesday, November 23, 2022 - 10:27

CaseID: 20205

Applicants: Enertrag South Africa (Pty) Ltd

Consultants/Experts: Ashiea Strong

OtherReferences:

Dept	CaseReference	DueDate	FinalDecision
DARDLEA		16/01/2023	

Heritage Reports: Hendrina Green hydrogen and ammonia -Heritage impact assessment report

ReferenceList:

AdditionalDocuments

1. 41104000_20221118_Enertrag_Hendrina Green H&A_DSR_final.pdf

[Back to Top](#)

APPENDIX

B-7 *COURIER PROOF*



MDARDLEA ref.: TBC
WSP ref.: 41104000

23 November 2022

CONFIDENTIAL

Dineo Tswai
Department of Agriculture, Rural Development, Land & Environmental Affairs
Ryan Rd & Rosemead St,
Witbank, Emalahleni, 1035

Email: dtswai@mpg.gov.za
Tel: 013 692 6300 / 013 692 5848

Dear Madam:

Subject: SUBMISSION OF THE APPLICATION FORM AND DRAFT SCOPING REPORT: PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA PROVINCE

Notice is given in terms of Regulation 41(2) of GNR 326 (2014, as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for Environmental Authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (2014, as amended)

WSP Group Africa (Pty) Ltd (WSP) has been appointed by ENERTRAG SA (Pty) Ltd to undertake the required Scoping and Environmental Impact Reporting (S&EIR) process for the above-mentioned project.

Please find enclosed two hard copies of the following documentation for your review and comment:

- Draft Environmental Scoping Report
- Application Form

The Draft Scoping Report will be made available for review and comment for 30 days from **23 November 2022 to 16 January 2023**:

Please contact us should you require any additional information or if you wish to discuss the matter in any further detail.

Yours sincerely,

Digitally signed by Nadar,
Thirushan (ZATN04956)
DN: cn=Nadar, Thirushan
(ZATN04956), ou=Active,
email=Thirushan.Nadar@wsp.com
Date: 2022.11.22 11:54:13 +02'00'

Thirushan Nadar
Consultant
Email: thirushan.nadar@wsp.com
Tel: +27 11 300-6185
cc: ashlea.strong@wsp.com

2 Hard Copies – Application Form

2 Hard Copies – Scoping Report

Name: Dineo Tswai

Date: 22/11/2022

Signature:

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

T: +27 11 361 1300
F: +27 11 361 1301
wsp.com



P.O.D COPY

GBEZT00000007

Dispatched on:2022-11-22

1 of 1

From: WSP
Contact: Mbali Sithole
Phone: 0766418942



To: Mpumalanga Tourism and Parks
N4 National Highway Mpumalanga Tourism and Parks
4 Hall's Gateway
Mbombela
Mbombela
1200
South Africa

Dimensions: 5 x 20 x 30 cm
Mass: 1 kg
Service: Express
Reference(s):
41104000-D01
20005885
41301

Special Instructions:
TO BE DELIVERED TO THE CLIENT
TOMORROW PLEASE

Contact: Thabile Mnisi
Phone: 0132624858

ONX
Hub:NLP
Town:NLP

Received by Consignee

Name: _____
Date: _____
Time: _____

Goods received in full without damage (unless endorsed).

Consignee Signature:

Shipment ID:



GBEZS000000007

Sender Signature:

Endorsements:



CONSIGNEE COPY

GBEZT00000007

Dispatched on:2022-11-22

1 of 1

From: WSP
Contact: Mbali Sithole
Phone: 0766418942



To: Mpumalanga Tourism and Parks
N4 National Highway Mpumalanga Tourism and Parks
4 Hall's Gateway
Mbombela
Mbombela
1200
South Africa

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Hub:NLP
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Received by Consignee

Name: _____
Date: _____
Time: _____

Goods received in full without damage (unless endorsed).

Consignee Signature:

Shipment ID:



GBEZS000000007

Sender Signature:

Endorsements:

WSP ref.: 41104000

23 November 2022

CONFIDENTIAL

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Please find enclosed one hard copy of the following documentation for your review and comment:

- Draft Environmental Scoping Report

The Draft Scoping Report will be made available for review and comment for 30 days from **23 November 2022 to 16 January 2023**:

Please contact us should you require any additional information or if you wish to discuss the matter in any further detail.

Yours sincerely,

Digitally signed by Nadar, Thirushan (ZATN04956)
DN: cn=Nadar, Thirushan (ZATN04956), ou=Active, email=Thirushan.Nadar@wsp.com
Date: 2022.11.22 15:54:09 +02'00'

Thirushan Nadar
Consultant

Email: thirushan.nadar@wsp.com

Tel: +27 11 300-6185

cc: ashlea.strong@wsp.com

1 Hard Copies – Draft Scoping Report

Name: SIPHWE

Date: 22 NOV 2022

Signature:





WSP ref.: 41104000

23 November 2022

CONFIDENTIAL

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Thirushan Nadar
Consultant

Email: thirushan.nadar@wsp.com

Tel: +27 11 300-6185

cc: ashlea.strong@wsp.com

1 Hard Copies – Draft Scoping Report

Name: PATRICK P. Molemane

Date: 23/11/2022

Signature:

GERARD SEKOTO

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Box 14 / Bus 14
Middelburg, 1050

Date 23/11/2022

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

T: +27 11 361 1300

F: +27 11 361 1301

wsp.com



WSP ref.: 41104000

23 November 2022

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Date: 2022.11.22 15:54:09 +02'00'

Thirushan Nadar
Consultant

Email: thirushan.nadar@wsp.com

Tel: +27 11 300-6185

cc: ashlea.strong@wsp.com

1 Hard Copies – Draft Scoping Report

Name: Busisime Sibanyoni

Date: 23/Nov/2022

Signature:



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

T: +27 11 361 1300

F: +27 11 361 1301

wsp.com



WSP ref.: 41104000

23 November 2022

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Thirushan Nadar
Consultant

Email: thirushan.nadar@wsp.com

Tel: +27 11 300-6185

cc: ashlea.strong@wsp.com

1 Hard Copies – Draft Scoping Report

Name: Nembiwe Mpho

Date: 24/11/2022

Signature:

APPENDIX

C

MEETINGS



APPENDIX

C-1 DFFE PRE- APPLICATION MEETING



MEETING NOTES

JOB TITLE	Hendrina Green Hydrogen and Ammonia facility
PROJECT NUMBER	41104000
DATE	16 August 2022
TIME	11h00
VENUE	MS Teams
SUBJECT	Pre-application Meeting with MDARDLEA
CLIENT	Enertrag SA
PRESENT	Ashlea Strong (AS) – WSP Olivia Allen (OA) - WSP Thirushan Nadar (TN)- WSP Sandhisha Jay Narain (SJM) – ENERTRAG SA Sean Maphosa (SM)- ENERTRAG SA Dineo Tswai (DT) – Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
APOLOGIES	Charity Mthimunye (CM) – MDARDLEA Michael Barnes (MB)- ENERTRAG SA

Building C, Knightsbridge
33 Sloane Street
Bryanston, 2191
South Africa

T: +27 11 361 1300
F: +27 11 361 1301

\\corp.pbwan.net\za\Central_Data\Projects\41100xxx\41104000 - Hendrina Green Hydrogen\41 ES\01-Reports\01-Pre-App

MEETING NOTES

MATTERS ARISING

ACTION

<p>NOTE: These notes constitute a summary of the key discussion points and decisions made during the discussion. They are not intended to reflect the exact discussions held.</p>	
<p>1.0 INTRODUCTIONS</p> <p>SJN opened meeting welcoming everyone and handed over to WSP. Each team proceeded with introductions (WSP, MDARDLEA & ENERTRAG SA)</p> <p>AS stated that SJN (ENERTRAG SA) will be mainly involved in the Hendrina Green Hydrogen and Ammonia facility; and OA will be the key contact and EAP from WSP.</p> <p>AS noted, that MB gave apologies for not attending</p>	None
<p>2.0 PRESENTATION</p> <p>AS requested that all questions should be raised with the “hand” function on MS teams</p> <p>WSP initiated the presentation for the Hendrina Green Hydrogen and Ammonia project overview details and specifications. The presentation is included in Appendix A.</p> <p>The presentation outlined the overall project, including the project background, locality, Environmental Authorisation (EA) process, triggered listed activities, specialist studies required and the Public Participation Process.</p> <p>AS enquired whether ENERTRAG SA has identified an SPV for this project or will it be done under ENERTRAG SA at this stage.</p> <p>Project Overview AS stated that the proposed facility will trigger a full EIA process as the infrastructure will be up to 25 Hectares and will require a significant amount of clearance.</p> <p>High-Level Process Flow AS enquired whether medical grade oxygen can be produced from the production process; SJN responded that this is not a typical practice but can be considered in future.</p> <p>Authorisations required SJN confirmed that a full AEL licence will not be required for the project after liaison with the district municipality.</p> <p>Listed Activities AS enquired whether to include both listed Activity 27 of Listing Notice (LN) 1 and LN 2 or to only include Activity 27 of LN 2</p>	<p>MDARDLEA noted this point</p> <p>SJN confirmed as ENERTRAG SA</p> <p>MDARDLEA confirmed to include both</p>
<p>3.0 QUESTIONS AND ANSWERS</p> <p>MDARDLEA enquired whether there has been confirmation as to how waste will be stored on site and whether a Waste Management Licence (WML) is required.</p> <p>AS confirmed that it will not need a WML since the quantity of waste to be generated is small. However, once the facility is in operation or being constructed, the Applicant will consider applying for Category C for the temporary storage of waste (storage for no longer than 90 days).</p> <p>AS requested confirmation of the case officer for the project. MDARDLEA stated that it will depend on the workload of the individual, but this will be confirmed once the application is received.</p> <p>AS enquired whether the Department would prefer a hard copy of the report or a one drive link of the electronic version of the reports,</p> <p>MDARDLEA confirmed that both a hard copy and an electronic copy of the reports can be submitted and two hard copies must be submitted to MDARDLEA.</p>	WSP noted this

MEETING NOTES

<p>4.0 CONCLUDING</p> <ul style="list-style-type: none">– No further comments from attendees– Meeting notes will be circulated– Meeting concluded	<p>Presentation attached to minutes</p>
--	---

MEETING NOTES

APPENDIX A: PRESENTATION



MDARDLEA Pre-Application Meeting

Hendrina Green Hydrogen & Ammonia Facility

4 August 2022

Introductions

- Developer:
ENERTRAG South Africa (Pty) Ltd:
 - Sandhisha Jay Narain
- EAP:
WSP Group Africa (Pty) Ltd:
 - Thirushan Nadar (Environmental Consultant)
 - Olivia Allen (Project Manager)
 - Ashlea Strong (Project Director)
- Authority:
Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA):
 - Charity Mthimunye



Agenda

1. Overview of the Project
 - Background
 - Location
 - Project Description
2. Overview and Confirmation of Permitting Process
 - Listed Activities
 - Specialist Assessments as identified by DFFE Screening Tool
 - Specialist Studies commissioned
 - Specialist Studies not commissioned
3. Public Participation Process
4. Timeframes
5. Questions and Discussions
6. Way Forward

1. Overview of the Project

Background

ENERTRAG SA proposes to develop the Hendrina Renewable Energy Complex, the complex comprises of five separate projects namely:

- Hendrina North Wind Energy Facility (up to 200MW) over 3600ha*
- Hendrina South Wind Energy Facility (up to 200MW) over 2900ha*
- Hendrina North Grid Infrastructure (up to 275kV) – 15km*
- Hendrina South Grid Infrastructure (up to 275kV) – 16km*
- **Hendrina Green Hydrogen and Ammonia Facility (up to 25Ha)**

The proposed **Hendrina Green Hydrogen and Ammonia facility** will be located 17km west of Hendrina, in the Steve Tshwete Local Municipality, of the Nkangala District Municipality, Mpumalanga Province.

* The competent authority for the remainder of the projects is the **Department of Forestry, Fisheries and the Environment (DFFE)**

1. Overview of the Project

Applicant

The proposed project will be applied for by the developer Enertrag South Africa (Pty) Ltd

1. Overview of the Project

Location

	Camden Green Hydrogen & Ammonia
Province:	Mpumalanga
District Municipality:	Nkangala District Municipality
Local Municipality:	Steve Tshwete Local Municipality
Size of Facility:	Up to 25 hectares

Three alternative Project locations are being investigated for the development of the proposed Project:

1. Overview of the Project

Location- Alternative 1

Site Alternative 1

Located on Portion 3 of the Farm Dunbar 189IS, at the site of an old abandoned farmyard and has three powerline options from the associated Hendrina North and South Wind Energy Facilities (“WEF”) and has two options for water supply to the Site as follows:

Powerline option 1 is up to 2km in length, to the Hendrina North WEF substation Option 1 on Portion 1 of the Farm Dunbar 189IS;

Powerline option 2 is up to 7km in length, to the Hendrina North WEF substation Option 2 on Portion 3 of the Farm Hartebeestkuil 185IS;

Powerline option 3 is up to 1.5km in length, to the Hendrina South WEF substation on Portion 3 of the Farm Dunbar 189IS.

Water Option 1 constructing a new pipeline (up to 16km) from the Komati Power Station

Water Option 2 constructing a new pipeline (up to 4km) from the Usuthu water pipeline network.

Location- Alternative 1



Proposed pipeline
Proposed powerline
Proposed GH&A site

1. Overview of the Project



1. Overview of the Project

Location- Alternative 2

Site Alternative 2

Located on Portion 3 of the Farm Dunbar 189IS and Portion 18 of the Farm Weltevreden 193IS, adjacent to the proposed Hendrina South WEF substation and has three powerline options from the associated wind farms and two water supply options to the site as follows:

Powerline option 1 is up to 3km in length to the Hendrina North WEF Option 1 substation on Portion 1 of the Farm Dunbar 189IS;

Powerline option 2 is up to 8km in length to the Hendrina North WEF substation Option 2 on Portion 3 of the Farm Hartebeestkuil 185IS;

Powerline option 3 is up to 0.5km in length to the Hendrina South WEF substation on Portion 3 of the Farm Dunbar 189IS;

Water Option 1 constructing a new pipeline (up to 17km) from the Komati Power Station

Water Option 2 constructing a new pipeline (up to 5km) from the Usuthu water pipeline network.

Location- Alternative 2



Proposed pipeline

Proposed powerline

Proposed GH&A site

1. Overview of the Project



1. Overview of the Project

Location- Alternative 3

Site Alternative 3

Site Alternative 3 is located on Portions 14 and 15 of the Farm Weltevreden 193IS and has three powerline options from the associated wind farms and two water supply options as follows:

Powerline option 1 is up to 5km in length to the Hendrina North WEF Option 1 substation on Portion 1 of the Farm Dunbar 189IS;

Powerline option 2 is up to 5km in length to the Hendrina North WEF substation Option 2 on Portion 3 of the Farm Hartebeestkuil 185IS;

Powerline option 3 is up to 7km in length to the Hendrina South WEF substation on Portion 3 of the Farm Dunbar 189IS.

Water Option 1 constructing a new pipeline (up to 19km) from the Komati Power Station.

Water Option 2 constructing a new pipeline (up to 7km) from the Usuthu water pipeline network.

Location- Alternative 3



Proposed pipeline
Proposed powerline
Proposed GH&A site

1. Overview of the Project



Farm Portions affected by the Project Alternatives

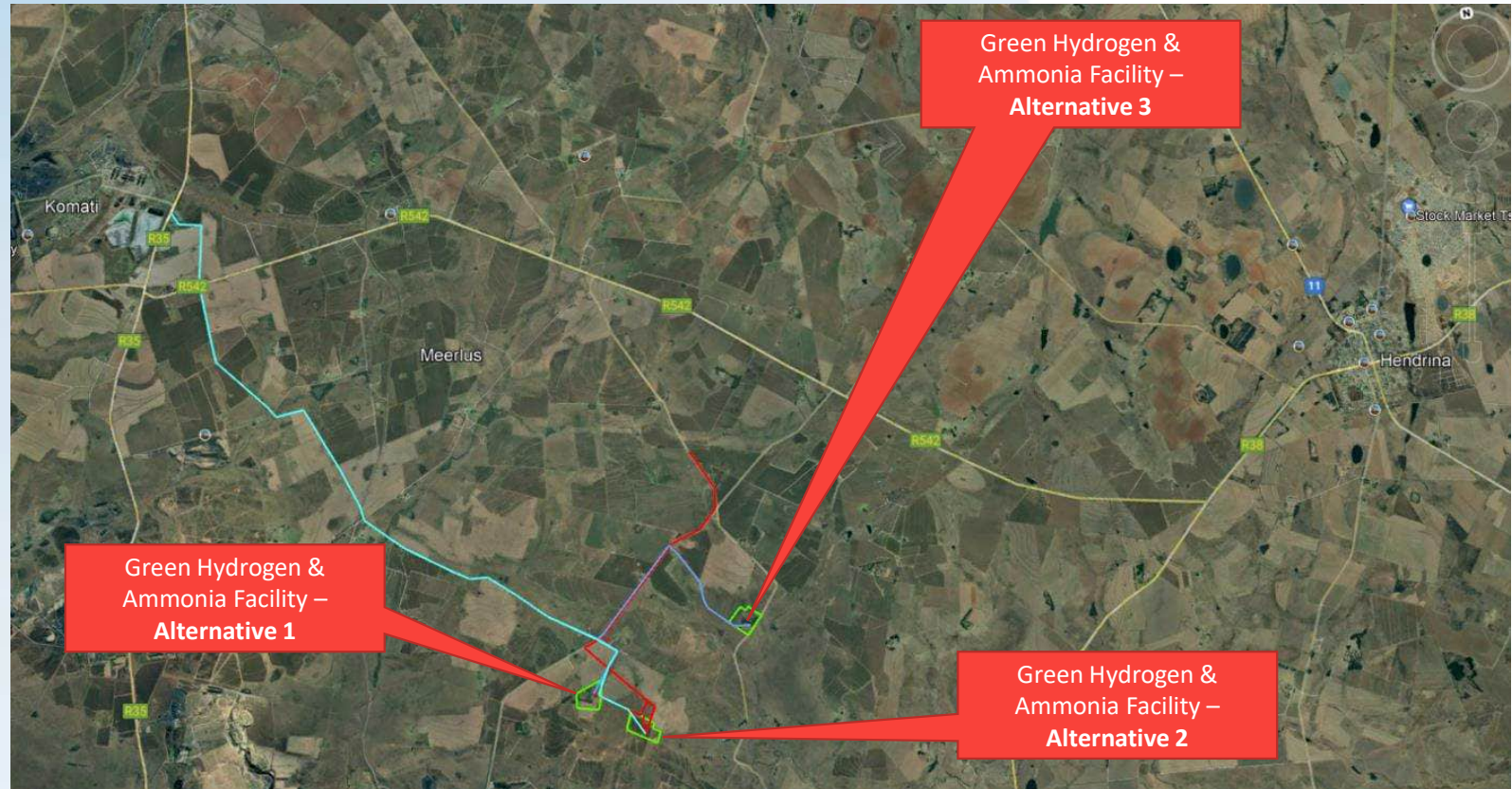
Parent Farm	Farm No.	Portion No.
Alternative 1		
Dunbar	189IS	3
Alternative 2		
Dunbar	189IS	3
Weltevreden	193IS	18
Alternative 3		
Weltevreden	193IS	14
Weltevreden	193IS	15

Farm Portions affected by the Project Alternatives

Parent Farm	Farm No.	Portion No.
Associated pipelines and powerlines may affect portions of the following land parcels:		
Bultfontein	187IS	1
Bultfontein	187IS	2
Bultfontein	187IS	3
Bultfontein	187IS	4
Bultfontein	187IS	6
Bultfontein	187IS	10
Bultfontein	187IS	14
Dunbar	189IS	0
Dunbar	189IS	1
Dunbar	189IS	2
Dunbar	189IS	4
Dunbar	189IS	5
Dunbar	189IS	6
Dunbar	189IS	7
Geluk	26IS	6
Geluk	26IS	7
Hartebeestkuil	185IS	3
Komati Power Station	56IS	0
Wilmansrust	47IS	1
Wilmansrust	47IS	3
Wilmansrust	47IS	9

Locality of the Proposed Project Alternatives

1. Overview of the Project



1. Overview of the Project

What is Green Hydrogen and Ammonia Production?

They are three types of Hydrogen, namely brown, grey, and green hydrogen. These are named based on the process used to make them, and the emissions each process emits.

- **Brown** hydrogen requires the burning of fossil fuels (coal) in order to complete the gasification process. This process releases vast greenhouse gases (GHG) emissions into the atmosphere.
- **Grey** hydrogen is extracted from natural gases through a process known as steam reforming. This process also releases GHG emissions into the atmosphere.
- **Green** hydrogen and ammonia production differs from traditional production technologies in that the process relies exclusively on renewable resources (renewable energy) and for input air and water (feedstock), to produce commercially usable green hydrogen and ammonia. This method has no associated GHG emissions.

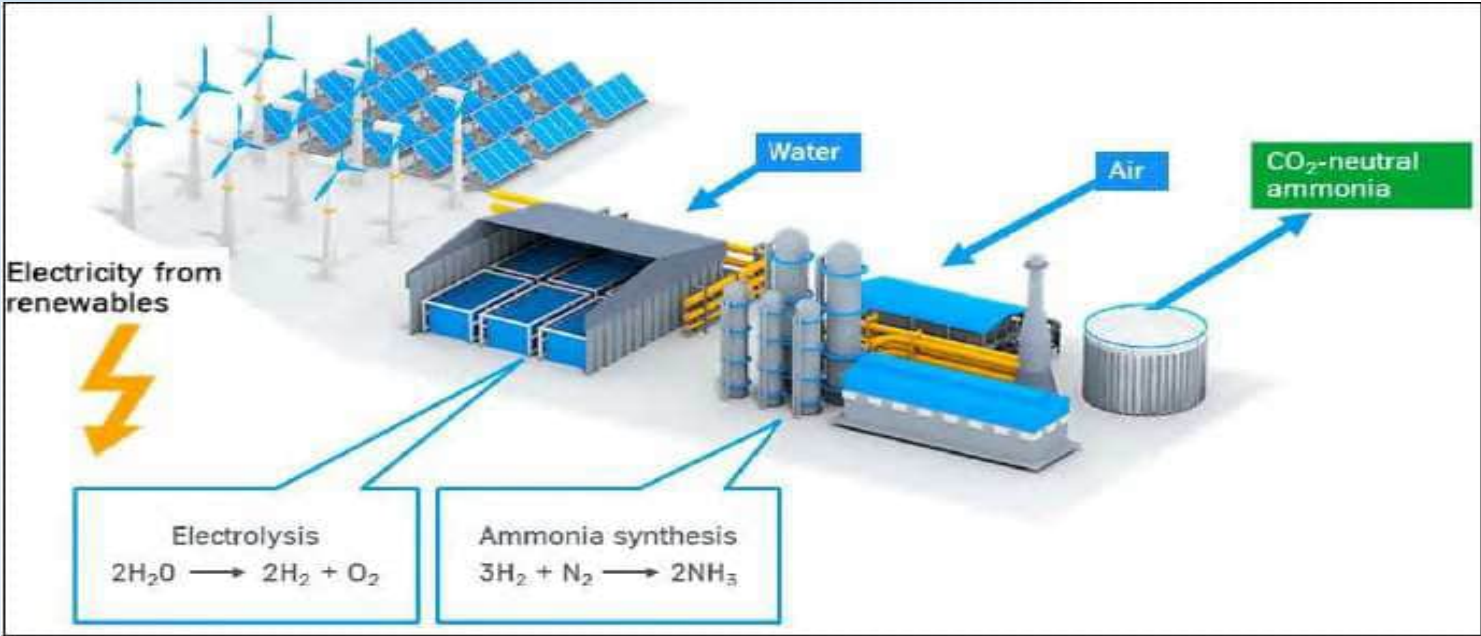
1. Overview of the Project

What are Hydrogen and Ammonia used for?

- Hydrogen may be utilised in fuel cells to generate electricity and in the transport industry via various derivatives.
- Hydrogen is used for welding and in the production of other chemicals such as methanol and hydrochloric acid and also has other commercial uses like the filling of balloons.
- Hydrogen is also a primary input to the production of ammonia.
- Ammonia is primarily used in the production of ammonium nitrate (fertiliser).
- Ammonia is also used as refrigerant gas and the manufacture of plastics, explosives, textiles, pesticides and other chemicals.
- Ammonia can also be used as a stable 'carrier' of hydrogen, allowing hydrogen to be readily stored and transported.

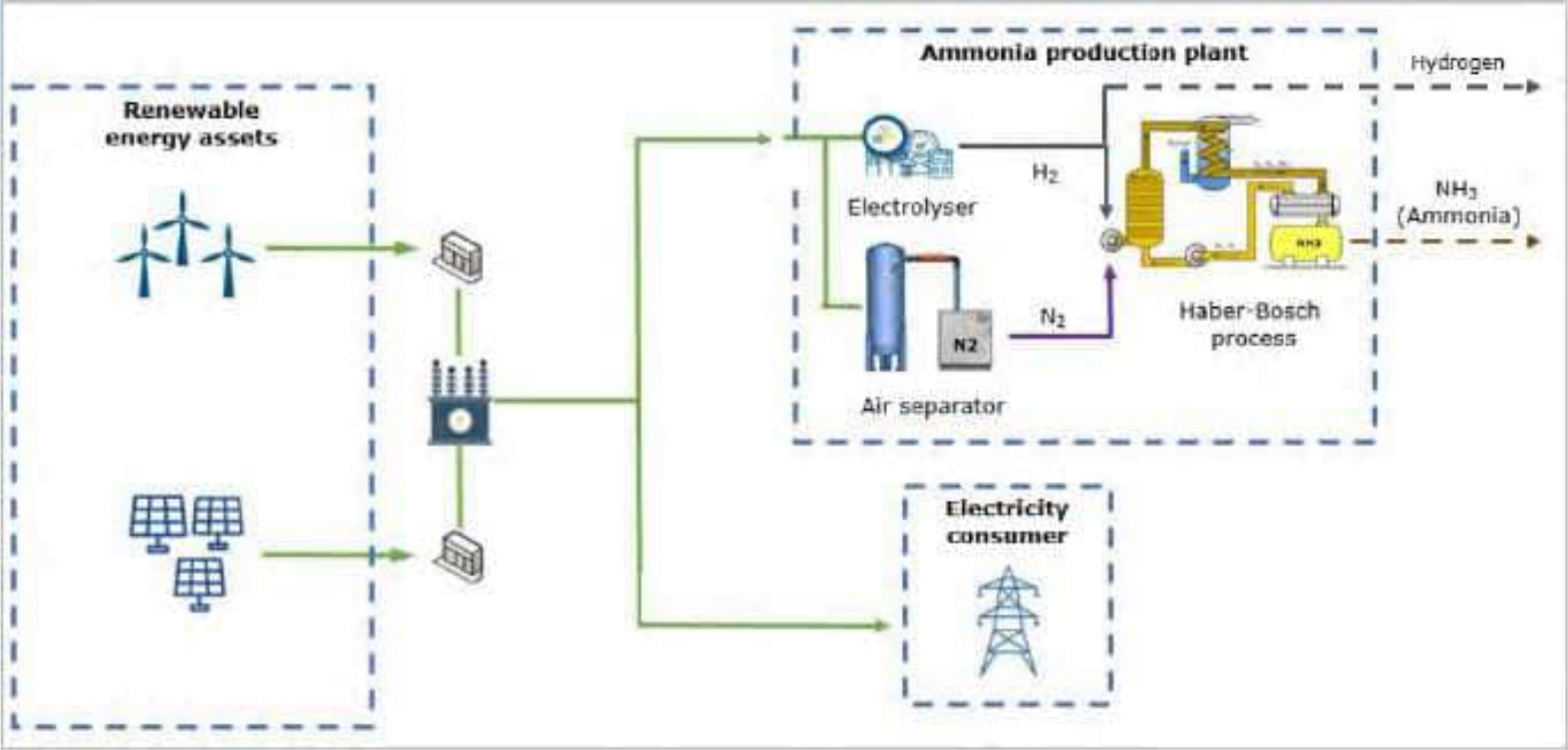
Example of Integrated Hydrogen and Ammonia Complex

1. Overview of the Project



High-Level Process Flow

1. Overview of the Project



1. Overview of the Project

These are Provisional Values which are subject to change, pending further layout revisions

Facility Components

No.	Component	Footprint (Ha)	Storage Capacity (m ³ / tons)	Maximum Throughput (m ³ / tpa)
1	Water Reservoir	2	6 800 / 6 800	800 / 800
2	Water Treatment Unit	1.5	N/A	192 000 / 192 000
3	Electrolyser Unit	1	N/A	(1 239 157 – 301 932 367) / 20 000
4	Air Separation Unit	0.5	N/A	92 905 405 / 110 000
5	Ammonia Processing Unit	2	N/A	149 253 / 100 000
6	Liquid Air Storage System (LAES)	1	3 983 / 3 505	460 227 / 405 000
7	Liquid Ammonia Storage Tank	2	2 273 / 1 523	261 194 / 175 000
8	Hydrogen and Oxygen Storage Tank Farm	12	59 566 / 800	5 576 208 / 90 000
9	Ancillary infrastructure	3	n/a	n/a
	Total Footprint	25		



1. Overview of the Project

Components – Water Reservoir

- Water is required for the production of hydrogen and for heating and cooling purposes
- Water will be stored in a water reservoir with a footprint of up to 2ha.
- The water reservoir will have a capacity of approximately 6800m³.
- The water reservoirs will consist of a reinforced concrete or steel cylindrical tanks.
- Possible water sources:
 - Groundwater
 - Municipal Water
 - Purified Wastewater
 - Usuthu Pipeline



These are Provisional Values which are subject to change, pending further layout revisions

1. Overview of the Project

Components – Water Treatment

- Purified water from the water treatment facility is the main input to the next step in the process, namely the electrolyser
- Water treatment technology:
 - Water treatment facilities usually contain multi-filtration stages and pumps.
 - Water for the facility must first be purified (ASTM Type II quality) through a Reverse Osmosis system (RO).
 - The RO system consumes between 10-16 litres of water per kg -of hydrogen. Water consumption ultimately depend on the quality of the feed water.
 - The facility is estimated to consume up to 192 000tpa of water per annum
- Water treatment is associated with the generation of concentrated wastes removed from the water, such as brine salt.
- The quantity of brine produced is directly related to the quality of the feedwater and efficiency of the RO process.
- Based on standard tap water, it can be assumed that for every 10 litres of purified water there will be 4 litres of bine produced.
- Liquid brine can be made into a solid through several available technologies such as, settlement tanks, cooling water circuits, and forced crystallization.

These are Provisional Values
which are subject to change,
pending further layout revisions



1. Overview of the Project

These are Provisional Values which are subject to change, pending further layout revisions



Components – Water Treatment cont.

- Based on the water samples taken to date and the quality of the Usuthu pipeline feedwater, a total dissolved solids content of around 200mg/l is anticipated.
- Should plant consume up to 192 000 tons of water, this would result in a maximum of 38 tons of solid salt being created per year (~105kg per day) assuming all salts are removed.
- This represents the worst-case scenario.
- Liquid brine will be dewatered to recycle water and reduce the need for new input water. This dewatered, solid brine will then be readily disposed off at the nearest suitably licenced waste disposal facility.
- On-site storage of solid brine blocks will be in containerised waste skips with sufficient capacity for replacement every 1 – 2 weeks, during which time a large truck will remove the filled container to a waste disposal facility .
- Many of the surrounding mines have existing, licensed waste management facilities potentially suitable for the disposal of such wastes, or nearby waste disposal facilities may be utilised.

1. Overview of the Project

Components – Water Treatment cont.

- Alternatively (least preferred option), the wastewater will be used for irrigation water for the local farmers by diluting the concentrated liquid brine produced by the hydrogen and ammonia plant by introducing additional fresh water, or where possible re-used process water from the RO plant.
- In addition, should sufficient quantities of feed water be available, brine may be diluted with fresh feedwater and used for Solar PV panel washing, dust suppression or similar use.

These are Provisional Values
which are subject to change,
pending further layout revisions



1. Overview of the Project

These are Provisional Values which are subject to change, pending further layout revisions



Components – Electrolyser

- The up to 150MW electrolyser will have a footprint of up to 1ha.
- The Electrolyser will use direct electric current (obtained from the Renewable Energy Facilities) to drive an otherwise non-spontaneous chemical reaction
 - The separation of $2\text{H}_2\text{O}$ (water molecule from the RO process) through a reduction-oxidation (redox) process into H_2 (Hydrogen on the cathode side) and O_2 (Oxygen on the anode side).
 - Electrolysers are modular and currently range in size from 5MW – 20MW. It is proposed that the Green Hydrogen Facility will consist of 15 sets of 10MW electrolysers.
- Two electrolysis technologies may be considered, namely alkaline- and polymer electrolyte membrane electrolysis.
- An 150MW electrolyser would produce up to 20,000 tons per annum (tpa) of green hydrogen and up to 100,000 tpa of green oxygen.
 - The oxygen may be released in a controlled manner or stored and sold as a by-product.
 - The hydrogen may be directed to the Ammonia production plant (see “ammonia processing” below) or be stored and sold to interested parties directly

1. Overview of the Project

Components – Air Separation Units

- Air is obtained from the immediate surroundings and separated into nitrogen (N₂) and oxygen (O₂) with the impurities removed.
- The process involves air compression and temperature manipulation in a pressure-controlled environment to separate gasses from one another and produce gaseous N₂.
- The air separation unit will have a maximum capacity of up to 110,000 tpa.
- Alternative technologies exist (including Pressure Swing Adsorption (PSA) and Membrane Separation Technologies) and are being evaluated; the most efficient process will be implemented in the final project design

These are Provisional Values
which are subject to change,
pending further layout revisions



1. Overview of the Project

Components –Ammonia Processing Units

- Ammonia is produced through the Haber-Bosch process.
- This is where nitrogen and hydrogen are reacted to produce ammonia.
- Nitrogen (N_2) from the air separator process and Hydrogen (H_2) from the electrolyser are reacted over a bed of catalyst to favour the production of ammonia (NH_3).
- The gas is then rapidly cooled to form anhydrous (free from water) ammonia because it is more stable and less toxic in liquid form. Un-reacted N_2 and H_2 will be recycled back to the reactor.
- If the full 20,000 tpa of green hydrogen generated by the electrolyser is directed to this process, this will produce up to 100,000tpa of green ammonia for market

These are Provisional Values
which are subject to change,
pending further layout revisions

1. Overview of the Project

Components – Storage

- Liquid air energy system (LAES) for nitrogen storage:
 - Liquid air energy will be used to liquefy nitrogen for storage, energy and feedstock requirements. LAES consists of three main stages:
 - (1) cooling and separation of the air,
 - (2) storage (usually in insulated vessels at low pressure) and
 - (3) expanded for energy and/or production.
- Feedstock and product storage:
 - Liquid ammonia storage tank farm
 - Green ammonia will be stored as anhydrous ammonia.
 - Hydrogen Storage Tank
 - Hydrogen is stored in vertical or horizontal storage bullets. Compressed hydrogen can be storage as a gas or in liquid form.
- Gantry and loading bay:
 - Three gantries will be included to fill ISO containers which can be trucked and directly shipped.

These are Provisional Values
which are subject to change,
pending further layout revisions



1. Overview of the Project

Key Considerations

- Depending on the final location, the Project Area may fall within **Critical Biodiversity Areas (CBA)** and **Ecological Support Areas (ESA)**. The CBA and ESA include both terrestrial and aquatic themes. among other themes.
- The Project Area falls within the **Air Quality Highveld Priority Area**.
- The project falls within the **Gas Pipeline Corridor-Phase 8: Rompco Pipeline Corridor**



2. Permitting Processes

Authorisations Required

- **Environmental Authorisation:**
 - Listing Notice 2 Activities are associated with the Hendrina Green Hydrogen and Ammonia Electrolyser Facility
 - Scoping and Environmental Impact Assessment (S&EIA) Process will be required.
 - MDARDLEA – Competent Authority
- **Atmospheric Emissions Licence (AEL):**
 - An AEL may be required:
 - Category 7: Inorganic Chemicals Industry, Subcategory 7.1: Production and or use in manufacturing of ammonia, fluorine, fluorine compounds, chlorine and hydrogen cyanide
- **Water Use Licence**
 - A Water Use Licence / General Authorisation will be required

2. Permitting Processes

Listed Activities – Listing Notice 1

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p>Activity 12 (ii), (a) and (c): <i>The development of—</i> <i>(ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs—</i> <i>(a) within a watercourse; or</i> <i>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse</i></p>	<p>There is the potential that the access road to the Electrolyser Facility may transverse a watercourse (or drainage line).</p>
<p>Activity 19 <i>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse</i></p>	<p>There is the potential that the access road to the Electrolyser Facility may transverse a watercourse (or drainage line).</p>
<p>Activity 27 <i>The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for:</i> <i>(i) the undertaking of a linear activity; or</i> <i>(ii) maintenance purposes undertaken in accordance with a maintenance management plan</i></p>	<p>The construction of the Electrolyser Facility will require the clearance of indigenous vegetation of approximately 25 ha.</p>

Listed Activities – Listing Notice 2

2. Permitting Processes

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p>Activity 4: <i>The development and related operation of facilities or infrastructure, for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of more than 500 cubic metres.</i></p>	<p>It is understood that there is potential for the Electrolyser to store more than 500 cubic meters of dangerous goods.</p>
<p>Activity 6: <i>The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding:</i></p> <ul style="list-style-type: none"> <i>(i) activities which are identified and included in Listing Notice 1 of 2014;</i> <i>(ii) activities which are included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies;</i> <i>(iii) the development of facilities or infrastructure for the treatment of effluent, polluted water, wastewater or sewage where such facilities have a daily throughput capacity of 2 000 cubic metres or less; or</i> <i>(iv) where the development is directly related to aquaculture facilities or infrastructure where the wastewater discharge capacity will not exceed 50 cubic metres per day.</i> 	<p>It is understood that the Electrolyser may require an Air Emissions License (AEL) in terms of Sub-category 7.1.</p>
<p>Activity 15: <i>The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for—</i></p> <ul style="list-style-type: none"> <i>(i) the undertaking of a linear activity; or</i> <i>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</i> 	<p>In the event that the Electrolyser Facility requires the clearance of approximately 25 hectares or more of indigenous vegetation – this activity will be applicable.</p>

Listed Activities – Listing Notice 3

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p>Activity 4: <i>The development of a road wider than 4 metres with a reserve less than 13,5 metres.</i> <i>(i) Mpumalanga-</i> <i>(ii) areas outside urban areas</i> <i>(bb) National Protected Area Expansion Strategy Focus areas;</i> <i>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority</i></p>	<p>An access road (of approximately 4m in width) will be required.</p>
<p>Activity 12 (i) (i) and (ii): <i>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.</i></p> <p><u>Mpumalanga</u> <i>ii. Within critical biodiversity areas identified in bioregional plans;</i></p>	<p>The Electrolyser Facility may traverse Critical Biodiversity Areas – depending on the final location. The construction of the Facility will require the clearance of more than 300m² of indigenous vegetation.</p>
<p>Activity 14 (ii) (a) and (c) (i) (i) (bb) and (ff): <i>The development of—</i> <i>(ii) infrastructure or structures with a physical footprint of 10 square metres or more;</i> <i>where such development occurs—</i> <i>(a) within a watercourse; or</i> <i>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</i></p> <p><u>Mpumalanga</u> <i>i. Outside urban areas:</i> <i>(bb) National Protected Area Expansion Strategy Focus areas;</i> <i>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</i></p>	<p>The Electrolyser Facility may traverse Critical Biodiversity Areas – depending on the final location.</p> <p>There is the potential that the access road will transverse a watercourse (or drainage line).</p>

2. Permitting Processes

* Additional Listing Notice 3 Activities may be identified and included in the application forms



2. Permitting Processes

DEA Screening Tool Identified Sensitivities

	Very High Sensitivity	High Sensitivity	Medium Sensitivity	Low Sensitivity
Agriculture Theme		X		
Animal Species Theme			X	
Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme				X
Civil Aviation Theme		X		
Defence Theme				X
Palaeontology Theme	X			
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			

2. Permitting Processes

DEA Screening Tool Specialist Assessments

Specialist Study	Comments
Agricultural	High and Medium Land capability
Landscape / Visual	
Archaeological and Cultural heritage	Low sensitivity
Palaeontological	Medium and Very High palaeontology sensitivity
Terrestrial Biodiversity	Very high Critical biodiversity area 2 , Protected Areas Expansion Strategy and Vulnerable ecosystem
Aquatic Biodiversity	Freshwater ecosystem priority area quaternary catchments
Avian Impact	3 possible sensitive species
Hydrology	
Geotechnical	
Socio-Economic	
Plant Species	4 possible sensitive species
Animal Species	Sensitive Avifauna and Mammal species

2. Permitting Processes

Specialist Studies Commissioned

SPECIALIST ASSESSMENT	COMMENT
Soils and Agricultural Potential Assessment	A soils and agricultural survey will be undertaken.
Archaeological and Cultural Heritage Impact Assessment	The projects could potentially negatively impact on heritage and archaeological resources. An Archaeological and Heritage Impact Assessment will be undertaken.
Palaeontology Impact Assessment	The projects could potentially negatively impact on Palaeontological resources. A Palaeontological Impact Assessment will be undertaken.
Visual Impact Assessment	The projects could potentially negatively impact sensitive visual receptors. A Visual Impact Assessment will therefore be undertaken.
Terrestrial Biodiversity Impact Assessment	The projects could negatively affect CBA and NPAES Focus Areas. A Terrestrial Biodiversity Assessment will be undertaken. This assessment will include both fauna and flora aspects.
Freshwater Impact Assessment	The projects could potentially negatively impact water resources. A Freshwater Impact Assessment will therefore be undertaken.
Avifauna Impact Assessment	Due to the potential impacts on birds as a result of the projects, an Avifauna Assessment will be undertaken.
Social Impact Assessment	A detailed social assessment will be prepared. The social statement will be based on a desktop review and telephonic interviews with key stakeholders.
Noise Impact Assessment	Due to potential impacts on sensitive receptors with regards to noise generated from the wind turbines, a Noise Assessment will be undertaken.
Geotechnical Assessment	A desktop geotechnical assessment will be undertaken.
Traffic Assessment	A desktop traffic assessment will be undertaken

2. Permitting Processes

Specialist Studies Commissioned

SPECIALIST ASSESSMENT	COMMENT
Air Quality	An air quality impact assessment will be undertaken as the project will require an AEL
Hydrology and Geohydrology	A Hydrology and Geohydrology assessment will be undertaken

2. Permitting Processes

Specialist Studies NOT Commissioned

SPECIALIST ASSESSMENT	COMMENT
Geotechnical	A detailed Geotechnical Assessment will not be undertaken as part of the EIAr Process as this will be undertaken during the design phase.
RFI	A Radio Frequency Interference (RFI) Study will not be undertaken. The South African Weather Service (SAWS) and relevant telecommunications stakeholders will be engaged with as part of the Public Participation Process.
Civil Aviation	The Civil Aviation Authority will be included on the project stakeholder database. They will be informed of the proposed Project, and comment will be sought. An Application for the Approval of Obstacles will also be submitted to SACAA once preferred bidder status is obtained.
Defence	The Department of Defence will be included on the project stakeholder database. They will be informed of the proposed Project, and comment will be sought.

3. Public Participation Process

Public Participation Plan

- A Consolidated Public Participation Process is proposed for all applications
- Site notices:
 - English, Afrikaans and Zulu
 - Onsite and in the surrounding areas
- Compilation and management of I&AP Database
- Written notification:
 - Owners and occupiers on or adjacent to the proposed project site
 - Municipality Ward Councillor
 - District Municipality
 - Relevant State Departments
- Advertisement (English, Afrikaans and Zulu in local newspaper)
- Draft Report Review for 30 days
 - WSP on request
 - Online on the WSP website
 - WSP will confirm with local Public Libraries as to whether they are open and able to accept documents for public review
- No provision has been made for face-to-face public or focus group meetings, virtual meetings will be held as required.

4. Timeframes

Timeframes

- Authority Timeframes
 - Authority decision making timeframe is 107 days
- Key Milestones:
 - Submission of Application Forms – November 2022
 - Draft Scoping Report Public Review – November – December 2022
 - Submission of Final Scoping Report – December 2022
 - Draft EIA Report Public Review – March – April 2023
 - Submission of Final EIA Report - May 2023

5. Questions and Discussion



6. Way forward



APPENDIX

D

COMMENTS



Nadar, Thirushan

From: Nadar, Thirushan
Sent: Tuesday, 10 January 2023 09:11
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report Review

Tracking:	Recipient	Delivery	Read
	Personal details of I&AP redacted as required by the POPI Act	Delivered: 2023/01/10 09:12	Read: 2023/01/10 09:12

Good morning Lizell,

Thank you for your response.

WSP acknowledges this.

Kind regards



Thirushan Nadar
Consultant
T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act

Sent: Tuesday, 20 December 2022 15:57

To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Personal details of I&AP redacted as required by the POPI Act

Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report Review

Good day,

Kindly find information in relation to Development around any landing area in South Africa for your information.

The attached Regulation would guide you on the process and procedures to follow if the required proposal, falls within the criteria as indicated.

Kind regards

Personal details of I&AP redacted as required by the POPI Act

Follow us on    



The banner features the SACAA logo on the left with the tagline 'Keeping you safe in the sky' and '22/23 YEAR OF THE CLIENT'. The central focus is a large blue circular graphic containing the text: 'New SACAA Contact Centre (07:00 - 17:00 Weekdays)', '0860 267 435', and 'clientcare@caa.co.za'. To the right, it says 'new website & e-services' with the URL 'www.caa.co.za' in a glowing yellow oval. Below the URL, it states: 'All operators and organisations licensed by the SACAA, will be able to apply for their renewals online.' The top right corner has the slogan 'ADVANCING CLIENT CENTRICITY'.

From: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Sent: Wednesday, 23 November 2022 08:31

To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Cc: Personal details of I&AP redacted as required by the POPI Act

Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY:
Draft Scoping Report Review

Dear Commenting Authority,

PLEASE FIND ATTACHED NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA

Notice is given in terms of:

- Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

- Farm Dunbar No.189IS (Portions 0, 1, 2, 3, 4, 5, 6, 7)
- Farm Weltevreden No.193IS (Portions 18, 14, 15)
- Farm Bultfontein No. (Portions 1, 2, 3, 4 ,6, 10, 14)
- Farm Geluk No.26IS (Portions 6 , 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

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DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Environmental Scoping Report has been made available for 30 days from **23 November 2022 to 16 January 2023** on the WSP website, a Datafree website, via One Drive Link for download and the following public places:

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	Hendrina Public library	44 Kerk Street, Hendrina
	Nkangala District municipality	2A Walter Sisulu Street, Middelburg
	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	 Hendrina GH&A-Commenting Authority	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder.

WSP contact details are:

Name: Thirushan Nadar
Tel: +27 11 300-6185
Fax: 011 361 1381
E-mail: thirushan.nadar@wsp.com
Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185



WSP in Africa
Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand
South Africa

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Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Personal details of I&AP redacted as required by the POPI Act

Date: Friday January 13, 2023

Page No: 1

CaseID: 20205

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Enertrag South Africa (Pty) Ltd

The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina Green Hydrogen and Ammonia Facility located near Hendrina in the Mpumalanga Province. The project is located within the Steve Tshwete Local Municipality in the Mpumalanga Province.

WSP Group Africa (Pty) Ltd has been appointed by Enertrag SA to conduct an Environmental Authorisation (EA) Application for the proposed Green Hydrogen and Ammonia Facility, near Hendrina, Mpumalanga Province.

A draft Scoping Report (DSR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include a powerline (3 route options have been considered), a processing facility (3 location options have been considered), water reservoir, water pipeline (3 route options have been considered).

Beyond Heritage was appointed to provide heritage specialist input into the EA process as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Van der Walt, J. 2022. Heritage Impact Assessment for the Proposed Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga Province

The HIA assessed only a limited portion of the proposed development components as shown in Figure 1.2 and 1.3 when compared to the layout shown in the DSR in Figure 2-2. A total of three heritage resources were identified that include a stone packed wall (Site 082) and a complex of ruins (features 067 – 071) of low heritage significance, however there is a chance for associated burial sites and therefore will be of high heritage significance, and a cemetery (Site 088) of high heritage significance.

Recommendations provided in the report include the following:

- Implementation of a chance find procedure for the project (as outlined in Section 10.2);
- Avoidance of burial sites (Waypoint 088) with a 50 m buffer and access for family members;

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Date: Friday January 13, 2023

Page No: 2

CaseID: 20205

- Identified ruins (Waypoint 067 – 071 and 082) should be indicated on development plans and avoided during construction;
- Based on the potential risks associated with Option 1 and Option 3 it is recommended that these options are avoided due to the presence of a burial site (Waypoint 088) and ruins (Waypoint 067 to 071);
- Pre-construction heritage walkdown of final layout.

Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that an updated HIA be submitted that assesses all the development components as shown in Figure 2-2 of the DSR and section 2.3 of the DSR. Additionally, the conducted palaeontological assessment must be submitted for review and comment, where the correct development footprint must be assessed as part of the PIA.

It must also be noted that the applicant and EAP names in the HIA do not correspond to the submitted DSR. Please clarify this discrepancy. Further comments will be issued upon receipt of the above pending report and the draft EIA inclusive of appendices.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Our Ref:



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T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
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Date: Friday January 13, 2023

Page No: 3

CaseID: 20205

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/609586>
(DARDLEA, Ref:)



forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: + 27 86 625 1042

Reference: Hendrina Green Hydrogen and Ammonia Facility

Personal details of I&AP redacted as required by the POPI Act

Mr. Thirushan Nadar
WSP Group Africa (Pty) Ltd
Building C,
Knightsbridge
33 Sloane Street
BRYANSTON
2191

Telephone Number: (+ 27) 11 300 6185
Email Address: thirushan.nadar@wsp.com

PER E-MAIL

Dear Mr. Nadar

COMMENTS ON THE DRAFT SCOPING REPORT FOR PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA PROVINCE

The Directorate: Biodiversity Conservation reviewed and evaluated the report.

Based on the information provided in the report, the study area is located within the Eastern Highveld Grassland that is listed as endangered. The south-eastern and north-western parts of the study area consists of CBA irreplaceable and optimal respectively as well as heavily or moderately modified areas on site primarily associated with cultivations. There are a number of plant species on site protected according to the Mpumalanga Nature Conservation Act, 2009 (Act 9 of 2009). Of the frog species that could potentially occur in the study area, none are listed in a threat category, but one species is listed as protected, according to National legislation, the Giant Bullfrog (*Pyxicephalus adspersus*). There are several numbers of SCC bird species recorded in the project area as well as bat species. The study area is dominated by a variety of aquatic features, characterised as follows: Mainstem Rivers: Olifants River, Hillslope Seep wetlands (Agriculture) (Fragmented) (Unimpacted), Floodplains, Unchanneled Valley Bottom wetlands (UBVs), Channelled Valley Bottom wetlands (CVBs), Unchanneled Valley Bottom wetlands (UBVs) (fragmented), Channelled Valley Bottom wetlands (CVBs) (fragmented) which are of ecological importance and sensitive.

Considering the above, the development can proceed to the next phase of the EIA process. However, the FSR should consider the following recommendations:



COMMENTS ON THE DRAFT SCOPING REPORT FOR PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA PROVINCE

- The detailed Biodiversity Specialist studies required to be undertaken to assess the significance of those impacts identified within the scoping study, must be compiled and submitted with the final report.
- The sensitivity Layout Map overlaid with sensitivities and indicating the final footprint for the proposed development avoiding environmentally sensitive areas must be included in the Final report.
- Permit from relevant authorities must be obtained prior commencement of any construction activities for the disturbance or removal of any nationally or provincially protected species.
- The sensitive habitats in close proximity to the development footprint must be avoided or demarcated as No-Go area (i.e. CBA).

All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of **Mr Seoka Lekota**.

Yours faithfully



Mr. Seoka Lekota
Control Biodiversity Officer Grade B: Biodiversity Conservation
Department of Forestry, Fisheries & the Environment
Letter signed by: MP Makitla
Designation: Control Biodiversity Officer Grade A
Date: 16/01/2023

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Friday, 13 January 2023 11:51
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Personal details of I&AP redacted as required by the POPI Act

Thank you for the acknowledgement.

WSP can confirm that we have added your details provided to the I&AP database.

WSP confirms that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries, will be sent to BCAdmin@environment.gov.za for attention of Mr Seoka Lekota.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Thursday, 12 January 2023 13:08
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Personal details of I&AP redacted as required by the POPI Act
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Sir/Madam

DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs M Rabothata and Mr K Mathetja (Both copied on this email).

Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota

Regards,

Personal details of I&AP redacted as required by the POPI Act

From: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Sent: Wednesday, 23 November 2022 08:33
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Personal details of I&AP redacted as required by the POPI Act
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Stakeholders,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

- Farm Dunbar No.189IS (Portions 0, 1, 2, 3, 4, 5, 6, 7)
- Farm Weltevreden No.193IS (Portions 18, 14, 15)
- Farm Bultfontein No. (Portions 1, 2, 3, 4, 6, 10, 14)
- Farm Geluk No.26IS (Portions 6, 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

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OneDrive	 Hendrina GH&A I&APs	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185



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South Africa

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Nadar, Thirushan

From: Nadar, Thirushan
Sent: Wednesday, 23 November 2022 09:06
To: Personal details of I&AP redacted as required by the POPI Act
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Dirk,

Thank you for your response, WSP confirms that we have your contact details and will be keeping you in all correspondence regarding the proposed project.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Wednesday, 23 November 2022 08:43
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Subject: Re: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Good day

Can you please include me in any correspondence regarding this project. I'm the owner of the farm Dunbar portion 4.

Thank you

On Wed, 23 Nov 2022 at 08:31, Nadar, Thirushan <Thirushan.Nadar@wsp.com> wrote:

Dear Landowner,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).

The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the

jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:


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- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

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Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder.

In order to assist with the completeness of our database, please can you provide us with the contact details (name, cell phone number and email address) of the below:

- 1. Tenants on your properties.**
- 2. Employees at your properties.**
- 3. Neighbouring land owner.**
- 4. Neighbouring tenants.**
- 5. Any other interested party.**

WSP contact details are:

Name: Thirushan Nadar
Tel: +27 11 300-6185
Fax: 011 361 1381
E-mail: thirushan.nadar@wsp.com
Address: PO Box 98867, Sloane Park, 2152

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185



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South Africa

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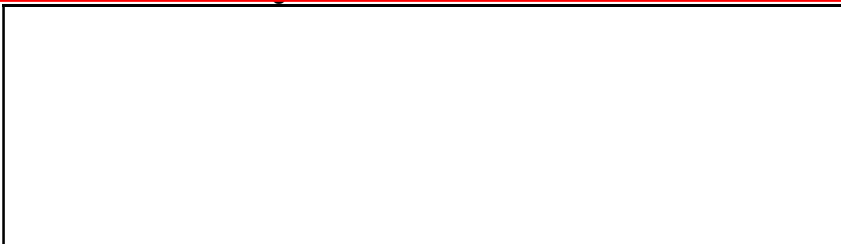
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-LAEmHhHzdJzBITWia4Hgs7pbKl

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Personal details of I&AP redacted as required by the POPI Act



Nadar, Thirushan

From: Nadar, Thirushan
Sent: Thursday, 24 November 2022 18:50
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Personal details of I&AP redacted as required by the POPI Act

Thank you for your response.

This is duly noted, as the project falls within the Nkangala district and Steve Tshwete local municipalities.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act

Sent: Thursday, 24 November 2022 12:16

To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Personal details of I&AP redacted as required by the POPI Act

Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Hi Thirushan,

The notification of the notice is for an activity outside our jurisdiction – the Gert Sibande district municipality.

Thank you

Personal details of I&AP redacted as required by the POPI Act

From: Nadar, Thirushan [<mailto:Thirushan.Nadar@wsp.com>]

Sent: Wednesday, November 23, 2022 8:33 AM

To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Cc: Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>; Strong, Ashlea <Ashlea.Strong@wsp.com>

Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY:
Draft Scoping Report

Dear Stakeholders,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

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	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	 Hendrina_GH&A_I&APs	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

WSP contact details are:

Name: Thirushan Nadar
Tel: +27 11 300-6185

Fax: 011 361 1381
E-mail: thirushan.nadar@wsp.com
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We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

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WSP in Africa
Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand
South Africa

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WSP Group Africa (Pty) Ltd, Registered Office: Building C, Knightsbridge, 33 Sloane Street, Bryanston, 2191, South Africa Registered Number: 1999/008928/07 South Africa

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-LAEmlHhHzdJzBITWfa4Hgs7pbKI

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Wednesday, 23 November 2022 09:17
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Personal details of I&AP redacted as required by the POPI Act

Thank you for your response, WSP can confirm that your contact details have been added to the database for further communication regarding the project.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Wednesday, 23 November 2022 09:01
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Personal details of I&AP redacted as required by the POPI Act <[redacted]@wsp.com>
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Hi,

Hope that you are well.
Please keep me on your list as we are located to the west of your proposed facility.

Regards

Personal details of I&AP redacted as required by the POPI Act

From: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Sent: Wednesday, 23 November 2022 08:33
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>; Strong, Ashlea <Ashlea.Strong@wsp.com>
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

External sender

Dear Stakeholders,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

- Farm Dunbar No.189IS (Portions 0, 1, 2, 3, 4, 5, 6, 7)
- Farm Weltevreden No.193IS (Portions 18, 14, 15)
- Farm Bultfontein No. (Portions 1, 2, 3, 4, 6, 10, 14)
- Farm Geluk No.26IS (Portions 6, 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the Scoping and Environmental Impact Reporting (S&EIR) Process. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Environmental Scoping Report has been made available for 30 days from **23 November 2022 to 16 January 2023** on the WSP website, a Datafree website, via One Drive Link for download and the following public places:

Area	Venue	Street Address
Middleburg and Hendrina	Gerald Sekoto Library	Corner Walter Sisulu Street & Wanderers Avenue
	Hendrina Public library	44 Kerk Street, Hendrina
	Nkangala District municipality	2A Walter Sisulu Street, Middelburg
	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	 Hendrina GH&A I&APs	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the

future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185



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South Africa

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-LAEmHhHzd.IzBITWfa4Hgs7pbKI

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Nadar, Thirushan

From: Nadar, Thirushan
Sent: Wednesday, 23 November 2022 08:56
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report
Attachments: 3. 202201Green Ammonia_Sep 2022.kmz

Tracking:	Recipient	Delivery	Read
	Personal details of I&AP redacted as required by the POPI Act	Delivered: 2022/11/23 08:57	Read: 2022/11/23 08:57

Dear Personal details of I&AP redacted as required by the POPI Act

Please find attached Kmz for the proposed project.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act

Sent: Wednesday, 23 November 2022 08:38

To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Personal details of I&AP redacted as required by the POPI Act

Subject: Re: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Hi

Provide me with the KML files for your proposed project.

Regards

Personal details of I&AP redacted as required by the POPI Act

From: "Nadar, Thirushan" <Thirushan.Nadar@wsp.com>

Date: Wednesday, 23 November 2022 at 08:31

To: "Nadar, Thirushan" <Thirushan.Nadar@wsp.com>

Cc: "Strong, Ashlea" <Ashlea.Strong@wsp.com>, Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>

Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Landowner,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).

The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

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- Farm Bultfontein No. (Portions 1, 2, 3, 4 ,6, 10, 14)
- Farm Geluk No.26IS (Portions 6 , 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

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Area	Venue	Street Address
Middleburg and Hendrina	Gerald Sekoto Library	Corner Walter Sisulu Street & Wanderers Avenue
	Hendrina Public library	44 Kerk Street, Hendrina
	Nkangala District municipality	2A Walter Sisulu Street, Middelburg
	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	 Hendrina GH&A-Landowners	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder.

In order to assist with the completeness of our database, please can you provide us with the contact details (name, cell phone number and email address) of the below:

- 1. Tenants on your properties.**
- 2. Employees at your properties.**
- 3. Neighbouring land owner.**
- 4. Neighbouring tenants.**
- 5. Any other interested party.**

WSP contact details are:

Name: Thirushan Nadar
Tel: +27 11 300-6185
Fax: 011 361 1381
E-mail: thirushan.nadar@wsp.com
Address: PO Box 98867, Sloane Park, 2152

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185



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For more information please visit <http://www.symanteccloud.com>

OFFICE OF THE CEO



Ref: LUA 22/3298

Unit: LUA/SS

Personal details of I&AP redacted as required by the POPI Act

Ms. A. Strong
WSP Group Africa (PTY) Ltd
P.O. Box 98867
Sloane Park
Bryanston
2152

Email: Ashlea.Strong@wsp.com

Dear Ms. Strong

SUBJECT: THE MTPA COMMENTS ON THE DRAFT EIA REPORT FOR THE PROPOSED HENDRINA, GREEN HYDROGEN AND AMONIA FACILITY AND INFRASTRUCTURE FOR THE ENERTRAG HENDRINA RENEWABLE ENERGY COMPLEX PROJECT NEAR HENDRINA IN MPUMALANGA PROVINCE. WSP REF 41104000.

Your correspondence with reference WPS ref: 41104000 of November 2022 refer.

The sensitivity of the area on which the expansion activity is likely to occur was assessed according to the Mpumalanga Biodiversity Sector Plan (MBSP; MTPA, 2014). This sensitivity is assessed in terms of terrestrial and freshwater assessments. In the MBSP, sensitive areas are identified in terms of *Critical Biodiversity Areas (CBAs)* and *Ecological Support Areas (ESAs)*.

The MBSP sensitivity assessment maps and the DFFE screening tool are included in the Environmental Impact Assessment report. The MTPA has limited concerns about the layout of the proposed development. The preferred site for the Green Hydrogen and Ammonia facility is in portion 3 of the farm Dunbar 189 IS.

The proposed Hendrina Green Hydrogen and Ammonia facility with the associated water pipeline and Connecting power line as provided in the WSP facility layout map provides three power line options and three water provision pipeline options. The MTPA supports the preferred option 1a for the water line and power line option 2.

OFFICE OF THE CEO



Recommendations:

- Where wetlands and streams are crossed, the application must adhere to the EIA regulations for stream crossings.
- Where Conservation important plants are encountered on site, it must be rescued and replanted on site.
- Many geophytes are dormant and underground during the winter season and are overlooked during botanical surveys, also because of their short flowering times.
- The water required for the production of hydrogen and for heating and cooling purposes will need to be treated. The process of treatment using reverse osmosis to remove wastes such as brine salt will result in large amounts of concentrated waste. The waste management plan and facilities or infrastructure needed to handle this waste needs to be described thoroughly. The dewatered solid brine can be stored or disposed of in a suitable licenced waste disposal facility. This might be a problem because very few municipalities have licensed waste disposal sites.
- It is proposed that the use of more environmental friendly lights are investigated or night sight technology with early warning systems with no lights are implemented. This will also reduce the night time visibility and light pollution.
- Planning should include an emergency plan to combat and prevent pollution in the worst case scenario of bullet tanks collapsing. No high pressure liquids should be able to disperse into water courses but must be contained in the smallest possible area.
- All exotic or alien invaders must be removed and not allowed to recruited. An Alien Invasive Species management plan must be compiled and implemented.
- Connecting cables for above ground electrical power-lines should be marked with flight diverters.

Please do not hesitate to contact this office if there are any enquiries.

Regards,

A handwritten signature in black ink, appearing to read "M.H. Vilakazi", is written over a horizontal line.

MR M.H. VILAKAZI

ACTING CHIEF EXECUTIVE OFFICER

DATE: 13 / 12 / 2022

Nadar, Thirushan

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Wednesday, 30 November 2022 15:56
To: Nadar, Thirushan
Cc: Sandhisha JayNarain; Strong, Ashlea
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report Review



Thank you.

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From: Nadar, Thirushan [mailto:Thirushan.Nadar@wsp.com]
Sent: Wednesday, November 30, 2022 2:27 PM
To: Personal details of I&AP redacted as required by the POPI Act
Cc: Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>; Strong, Ashlea <Ashlea.Strong@wsp.com>
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report Review

Dear Frans,

Thank you for the feedback.

WSP can confirm that a hard copy was delivered to the MPTA offices in Mbombela, on the 22 November 2022 to Thabile Mnisi.

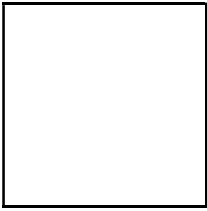
Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Wednesday, 30 November 2022 12:01
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>; Strong, Ashlea <Ashlea.Strong@wsp.com>
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report Review



Send Hardcopies to Mbombela
Thanks

Personal details of I&AP redacted as required by the POPI Act

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From: Nadar, Thirushan [<mailto:Thirushan.Nadar@wsp.com>]

Sent: Wednesday, November 23, 2022 8:31 AM

To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>

Cc: Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>; Strong, Ashlea <Ashlea.Strong@wsp.com>

Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY:
Draft Scoping Report Review

Dear Commenting Authority,

PLEASE FIND ATTACHED NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY, MPUMALANGA

Notice is given in terms of:

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- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the S&EIR Process. Parties wishing to formally register as stakeholders in order to offer their comment on the Proposed Projects are requested to forward their full contact details to the EAP at the

details provided below. Registered stakeholders will be forwarded all future correspondence and notified individually of additional opportunities to participate in the process.

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	Hendrina Public library	44 Kerk Street, Hendrina
	Nkangala District municipality	2A Walter Sisulu Street, Middelburg
	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	 Hendrina GH&A-Commenting Authority	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

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WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar

Consultant

T +27 11 300-6185



WSP in Africa

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

wsp.com

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Tuesday, 17 January 2023 13:56
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: Hendrina Green Hydrogen

Dear Karen,

Thank you for the response and comment.

WSP acknowledges this and we have forwarded the concerns to the developer.

Furthermore, WSP can confirm that the contact details provided have been added to the I&AP database for future communication.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Wednesday, 14 December 2022 15:04
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Personal details of I&AP redacted as required by the POPI Act
Subject: Hendrina Green Hydrogen

Good afternoon

We received notification of this project from Sudor Coal.

Our Company, Overlooked Colliery Alpha (Pty) Ltd, is the holder of Mining Right 262 MR which includes Portions 1,3,5.6 and 7 of the farm Dunbar189 IS.

These portions are included in the Hendrina Green Hydrogen project area, and it appears that the preferred position for the site, pipeline and powerline is on portions 1,3, 5 and 6 of Dunbar.

As we intend to undertake mining on these portions any proposed surface infrastructure would need to be positioned so as not to sterilize any of our rights and we would object to the current proposed position of the site in Option 1 on this basis.

These are our initial, high level concerns which we may add to and amplify further once we have studied the Draft Scoping Report in more detail .

Please register us as an Interested and Affected Party and note our objections and concerns.

Our contact persons are myself and Personal details of I&AP redacted as required by the POPI Act

Kind Regards,

Personal details of I&AP redacted as required by the POPI Act

General Manager Legal

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Nadar, Thirushan

From: Nadar, Thirushan
Sent: Sunday, 27 November 2022 14:12
To: Personal details of I&AP redacted as required by the POPI Act
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Ndou,

Thank you for the response.

WSP can confirm that we have Personal details of I&AP redacted as required by the POPI Act on the I&AP database and that the original mail was also sent to her regarding the proposed Hendrina Green hydrogen and ammonia facility.

Kind regards



Thirushan Nadar
Consultant
T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Sunday, 27 November 2022 10:56
To: Personal details of I&AP redacted as required by the POPI Act
Cc: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Subject: FW: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

Dear Personal details of I&AP redacted as required by the POPI Act

For consideration.

NB: Thirushan, please send future communications regarding this matter to Personal details of I&AP redacted as required by the POPI Act

Kind regards

Personal details of I&AP redacted as required by the POPI Act

From: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Sent: Wednesday, November 23, 2022 8:33 AM
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>; Strong, Ashlea <Ashlea.Strong@wsp.com>
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Draft Scoping Report

CAUTION: This email originated from outside the TRANSNET organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Stakeholders,

Please find attached notice of the proposed development of the Hendrina Green Hydrogen and Ammonia Facility, Mpumalanga

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

- Farm Dunbar No.189IS (Portions 0, 1, 2, 3, 4, 5, 6, 7)
- Farm Weltevreden No.193IS (Portions 18, 14, 15)
- Farm Bultfontein No. (Portions 1, 2, 3, 4, 6, 10, 14)
- Farm Geluk No.26IS (Portions 6, 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the Scoping and Environmental Impact Reporting (S&EIR) Process. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Draft Environmental Scoping Report has been made available for 30 days from **23 November 2022 to 16 January 2023** on the WSP website, a Datafree website, via One Drive Link for download and the following public places:

Area	Venue	Street Address
Middleburg and Hendrina	Gerald Sekoto Library	Corner Walter Sisulu Street & Wanderers Avenue
	Hendrina Public library	44 Kerk Street, Hendrina
	Nkangala District municipality	2A Walter Sisulu Street, Middelburg
	Steve Tshwete Local municipality	Walter Sisulu St & Wanderers Ave, Middelburg, 1055
OneDrive	 Hendrina GH&A I&APs	
WSP Website	https://www.wsp.com/en-ZA/services/public-documents	
Datafree Website	https://wsp-engage.com/	

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the

future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185



WSP in Africa
Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand
South Africa

wsp.com

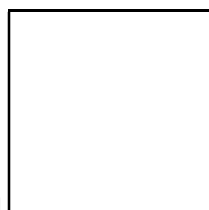
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WSP Group Africa (Pty) Ltd, Registered Office: Building C, Knightsbridge, 33 Sloane Street, Bryanston, 2191, South Africa Registered Number: 1999/008928/07 South Africa

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-LAEmHhHzdJzBITWfa4Hqs7pbK

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MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Cnr Ryan and Rosemead Street
Klipfontein
eMalahleni
1035
Mpumalanga Province

NKANGALA DISTRICT

Litiko Letekulima, Kutfulukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Enquiries: Dineo Tswai, Cnr Rosemead & Ryan Str, Klipfontein Witbank, 1035, Tel: 013 692 6300/5848
Email: dtswai@mpg.gov.za
Reference: 1/3/1/16/1N-347

Ashlea Strong
WSP Group Africa (Pty) Ltd
P.O. Box 6001
Halfway House
1685

E-mail: Ashlea.strong@wsp.com

Dear Madam,

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED ESTABLISHMENT OF A GREEN HYDROGEN AND AMMONIA (GH&A) FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 2 AND PORTION 4 OF THE FARM HARTEBEESTKUIL 185 IS AND PORTION 4 OF DUNBAR 189 IS, HENDRINA, STEVE TSHWETE LOCAL MUNICIPALITY.

The Department confirms having received the application form for environmental authorisation of the abovementioned project on the 24 November 2022.

The application has been assigned the reference number **1/3/1/16/1N-347**. Kindly quote this reference number in any future correspondence in respect of the application. The responsible officer is **Dineo Tswai** and all correspondence must be directed to: Environmental Impact Management, Nkangala District Office, marked for the attention of the responsible officer. Please note that you must, within 44 days from the 24 November 2022, submit to this office a Final Scoping Report – inclusive of specialist reports and an EMPr which has already been subjected to a public participation process, and was provided to interested and affected parties for a period of 30 days for comments, and which reflects the incorporation of any comments received, including any comments from this office. In this regard you are referred to the requirements of Regulation 40(3).

Please take note in terms of the provisions of regulation 45, the application will lapse, and this office will deem the application to have lapsed, if the applicant fails to submit the Final Scoping Report within the timeframe specified above.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.
Your cooperation will be highly appreciated.

Yours faithfully,


Dineo Tswai
Deputy Director


Date





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MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Cnr Ryan and Rosemead Street
Klipfontein
eMalahleni
1035
Mpumalanga Province

NKANGALA DISTRICT

Litiko Letekulima, Kutfutukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Enquiries: Dineo Tswai, Cnr Rosemead & Ryan Str, Klipfontein Witbank, 1035, Tel: 013 692 6300/5848
Email: dtswai@mpg.gov.za
Reference: 1/3/1/16/1N-347

Ashlea Strong
WSP Group Africa (Pty) Ltd
P.O. Box 6001
Halfway House
1685

E-mail: Ashlea.strong@wsp.com

Dear Madam,

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED ESTABLISHMENT OF A GREEN HYDROGEN AND AMMONIA (GH&A) FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 2 AND PORTION 4 OF THE FARM HARTEBEESTKUIL 185 AND PORTION 4 OF DUNBAR 189 IS, HENDRINA, STEVE TSHWETE LOCAL MUNICIPALITY.

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Yours faithfully,


Dineo Tswai
Deputy Director


Date



Nadar, Thirushan

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Thursday, 26 January 2023 10:07
To: Nadar, Thirushan
Cc: Sandhisha JayNarain; Strong, Ashlea
Subject: Re: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report

Good Morning Nadar

The below e-mail is noted with a thank you.

Kind Regards
Charity

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>>> "Nadar, Thirushan" <Thirushan.Nadar@wsp.com> 2023/01/25 16:35 >>>

Dear Stakeholders,

Please note that the Final Scoping Report for the proposed development of the Hendrina Green Hydrogen and Ammonia Facility is released for review.

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


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- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

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FINAL SCOPING REPORT REVIEW

The Final Environmental Scoping Report has been made available on the WSP website, a Data free website and via One Drive Link for download:

OneDrive	 Final Scoping Report
WSP Website	https://www.wsp.com/en-ZA/services/public-documents
Data free Website	https://wsp-engage.com/

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

***Protection of Personal Information:** WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.*

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
 Consultant

T +27 11 300-6185
 M +27 73 888-3727



WSP in Africa
 Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand
 South Africa

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 Registered Number: 1999/008928/07 South Africa



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Cnr Ryan and Rosemead Street
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eMalaheni
1035
Mpumalanga Province

NKANGALA DISTRICT

Liiko Letekulima, Kutfufukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Enquiries: Dineo Tswai, Cnr Rosemead & Ryan Str, Klipfontein Witbank, 1035, Tel: 013 692 6300/5848
Email: dtswai@mpg.gov.za
Reference: 1/3/1/16/1N-347

Ms. Thirushan Nadar
WSP Group Africa (Pty) Ltd
P.O. Box 6001
Halfway House
1685

Tel: 011 300 6185 6525
E-mail: thirushan.nadar@wsp.com

Dear Madam,

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 2 AND PORTION 4 OF THE FARM HARTEBEEKSKUIL 185 IS AND PORTION 4 OF DUNBAR 189 IS, HENDRINA, STEVE TSHWETE LOCAL MUNICIPALITY, MPUMALANGA PROVINCE.

The Final Scoping Report and plan of study for environmental authorisation which was submitted by you in respect of the abovementioned application and received by the Department on 02nd February 2023 has been accepted by the Department.

You may proceed with undertaking the draft environmental impact report in accordance with the tasks that are outlined in the plan of study for environmental impact report.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours faithfully,



Dineo Tswai
Deputy Director
Environmental Impact Management

09/02/2023
Date





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MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Cnr Rosemead and Ryan Road
Klipfontein, Ext 16, Emalaheni, 1038
Mpumalanga Province
Tel: 013 692 5843 Int: +27 13 692 5843

Nkangala Region

Litiko Letekulima, Kutfufukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Enquiries: Dineo Tswai
Email: dtswai@mpg.gov.za
Reference: 1/3/1/16/1N-347

Thirushan Nadar
WSP Group Africa
P.O. Box 6001
Halfway House
1685

Tel: 073 888 3727
Email: thirushan.nadar@wsp.com

Dear Sir,

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 2 AND PORTION 4 OF THE FARM HARTEBEEKSKUIL 185 IS AND PORTION 4 OF DUNBAR 189 IS, HENDRINA, STEVE TSHWETE LOCAL MUNICIPALITY, MPUMALANGA PROVINCE.

The Department has received the Final Scoping Report and Plan of Study for the abovementioned project on 02 February 2023 and has been accepted. Based on the information supplied, this Department has no objections at this stage to the proposed development. You may proceed with the submission of the draft EIR with the consideration of the comments below;-

1. Applicable licenses must be obtained before the commencement of the activity.
2. Applicable municipal By-Laws must be considered and adhered to at all times throughout the planning and the lifespan of the project.
3. All recommendations, key findings and conditions made in the specialist studies must be adhered to.
4. MTPA comments must be sourced and recommendations thereof must inform the site layout and protection of any identified endangered species.
5. Complaints received from the public must be attended to as soon as possible and addressed to the satisfaction of all concerned.
6. The applicant is responsible for the compliance with the provisions for "Duty of Care" and remediation of damage contained in Section 28 of the National Environmental Management Act, (Act 107 of 1998)

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Your cooperation will be highly appreciated.

Yours faithfully,



Dineo Tswai
Deputy Director
Environmental Impact Management

14/03/2023
Date

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Thursday, 26 January 2023 09:43
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report Review

Dear Personal details of I&AP redacted as required by the POPI Act

Thank you for your feedback.

WSP acknowledges this and will direct future correspondence to her.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Wednesday, 25 January 2023 20:31
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report Review

Dear Nadar

Kindly note that I am no longer working under the section that is dealing with Subdivision of Agricultural Land Act (SALA), Act 70 of 1970 as of 01 December 2022. You are advised to send your correspondences to Personal details of I&AP redacted as required by the POPI Act as the manager under this section and she will be able to allocate/send to her relevant applications.

It is trusted that you will find the above to be in good order.

Kind Regards

From: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Sent: Wednesday, 25 January 2023 16:41
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Strong, Ashlea <Ashlea.Strong@wsp.com>; Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report Review

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Dear Commenting Authority,

Please note that the Final Scoping Report for the proposed development of the Hendrina Green Hydrogen and Ammonia Facility is released for review.

Notice is given in terms of:

- Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


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- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the S&EIR Process. Parties wishing to formally register as stakeholders in order to offer their comment on the Proposed Projects are requested to forward their full contact details to the EAP at the details provided below. Registered stakeholders will be forwarded all future correspondence and notified individually of additional opportunities to participate in the process.

DRAFT SCOPING REPORT REVIEW PERIOD

The Final Environmental Scoping Report is available on the WSP website, a Data free website and via One Drive Link for download:

OneDrive	 Final Scoping Report
WSP Website	https://www.wsp.com/en-ZA/services/public-documents
Data free Website	https://wsp-engage.com/

Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder.

WSP contact details are:

Name: Thirushan Nadar
 Tel: +27 11 300-6185
 Fax: 011 361 1381
 E-mail: thirushan.nadar@wsp.com
 Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

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M +27 73 888-3727



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South Africa

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-LAEmHhHzdJzBITWfa4Hgs7pbKI

Nadar, Thirushan

From: Nadar, Thirushan
Sent: Monday, 30 January 2023 17:03
To: Personal details of I&AP redacted as required by the POPI Act
Cc:
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report

Dear Personal details of I&AP redacted as required by the POPI Act

Thank you for the response.

WSP can confirm that both these contact details have been added to the I&AP data baser for this project.

Furthermore, we confirm that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be directed to BCAdmin@environment.gov.za for attention of Mr Seoka Lekota.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727

From: Personal details of I&AP redacted as required by the POPI Act
Sent: Monday, 30 January 2023 15:58
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Personal details of I&AP redacted as required by the POPI Act
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report

Dear Sir/Madam

DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs M Rabothata and Mr K Mathetja (Both copied on this email).

Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota

Regards,

Personal details of I&AP redacted as required by the POPI Act

From: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Sent: Wednesday, January 25, 2023 4:36 PM
To: Nadar, Thirushan <Thirushan.Nadar@wsp.com>
Cc: Strong, Ashlea <Ashlea.Strong@wsp.com>; Sandhisha JayNarain <Sandhisha.JayNarain@enertrag.com>
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY: Final Scoping Report

Dear Stakeholders,

Please note that the Final Scoping Report for the proposed development of the Hendrina Green Hydrogen and Ammonia Facility is released for review.

Notice is given in terms of Regulation 41(2) of GNR 982 (as amended) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) for submission of an application for environmental authorisation (EA) in respect of activities identified in terms of GNR 983, GNR 984 and GNR 985 (as amended).


The Proponent, ENERTRAG SA (Pty) Ltd, proposes to develop the Hendrina green Hydrogen and ammonia facility located approximately 7 km west of the Town of Hendrina in the Mpumalanga Province. The project falls within the jurisdiction of the Steve Tshwete Local Municipality and Nkangala District Municipality. The following farm portions are affected by the project:

- Farm Dunbar No.189IS (Portions 0, 1, 2, 3, 4, 5, 6, 7)
- Farm Weltevreden No.193IS (Portions 18, 14, 15)
- Farm Bultfontein No. (Portions 1, 2, 3, 4, 6, 10, 14)
- Farm Geluk No.26IS (Portions 6, 7)
- Farm Hartebeestkuil No. 185IS (Portions 3)
- Farm Komati Power station No.56IS (Portions 0)
- Farm Wilmansrust No.47IS (Portions 1, 3, 9)

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by ENERTRAG SA (Pty) Ltd, to manage and undertake the Scoping and Environmental Impact Reporting (S&EIR) Process. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence and notified individually of additional opportunities to participate in the process.

FINAL SCOPING REPORT REVIEW

The Final Environmental Scoping Report has been made available on the WSP website, a Data free website and via One Drive Link for download:

OneDrive	 Final Scoping Report
WSP Website	https://www.wsp.com/en-ZA/services/public-documents
Data free Website	https://wsp-engage.com/

WSP contact details are:

Name: Thirushan Nadar
Tel: +27 11 300-6185
Fax: 011 361 1381
E-mail: thirushan.nadar@wsp.com
Address: PO Box 98867, Sloane Park, 2152

Protection of Personal Information: WSP will be processing certain personal information about you as an interested and affected party (I&AP) for purposes of enabling your registration as an I&AP and storing of your details on our database, if you consent for us to do so. WSP will use these details to contact you about other relevant projects in the future. WSP will always process your personal information in accordance with the Protection of Personal Information Act 4 of 2013. You are entitled to exercise your rights as a data subject and let us know if you wish to be deregistered as an I & AP or if you no longer want your contact details to be included on our database.

We look forward to your participation in this process.

Kind regards



Thirushan Nadar
Consultant

T +27 11 300-6185
M +27 73 888-3727



WSP in Africa
Building 1, Golder House, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand
South Africa

wsp.com

WSP is a proud Level 1 B-BBEE contributor

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WSP Group Africa (Pty) Ltd, Registered Office: Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, Gauteng, 1685, South Africa
Registered Number: 1999/008928/07 South Africa

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APPENDIX

E FINAL SCOPING REPORT APPROVAL



agriculture, rural development,
land & environmental affairs

MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Cnr Rosemead and Ryan Road
Klipfontein, Ext 16, Emalahleni, 1038
Mpumalanga Province
Tel: 013 692 5843 Int: +27 13 692 5843

Nkangala Region

Litiko Letekulima, Kutfufukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Enquiries: Dineo Tswai
Email: dtswai@mpg.gov.za
Reference: 1/3/1/16/1N-347

Thirushan Nadar
WSP Group Africa
P.O. Box 6001
Halfway House
1685

Tel: 073 888 3727
Email: thirushan.nadar@wsp.com

Dear Sir,

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED HENDRINA GREEN HYDROGEN AND AMMONIA FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 2 AND PORTION 4 OF THE FARM HARTEBEEKSKUIL 185 IS AND PORTION 4 OF DUNBAR 189 IS, HENDRINA, STEVE TSHWETE LOCAL MUNICIPALITY, MPUMALANGA PROVINCE.

The Department has received the Final Scoping Report and Plan of Study for the abovementioned project on 02 February 2023 and has been accepted. Based on the information supplied, this Department has no objections at this stage to the proposed development. You may proceed with the submission of the draft EIR with the consideration of the comments below;-

1. Applicable licenses must be obtained before the commencement of the activity.
2. Applicable municipal By-Laws must be considered and adhered to at all times throughout the planning and the lifespan of the project.
3. All recommendations, key findings and conditions made in the specialist studies must be adhered to.
4. MTPA comments must be sourced and recommendations thereof must inform the site layout and protection of any identified endangered species.
5. Complaints received from the public must be attended to as soon as possible and addressed to the satisfaction of all concerned.
6. The applicant is responsible for the compliance with the provisions for "Duty of Care" and remediation of damage contained in Section 28 of the National Environmental Management Act, (Act 107 of 1998)

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Your cooperation will be highly appreciated.

Yours faithfully,



Dineo Tswai
Deputy Director
Environmental Impact Management

14/03/2023
Date