From the desk of Gabriele Wood
Email: gabriele@savannahsa.com

04 November 2016

Dear Stakeholder

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

H2 Energy propose the development of the H2 Energy Power Station and associated infrastructure on a site approximately 800 m north of the Palesa Coal Mine, and 9 km south of KwaMhlanga in the Mpumalanga Province. The H2 Energy Power Station project includes a coal-fired power station with a generating capacity of 600MW as well as associated infrastructure. The project is intended to form part of the Department of Energy's (DoE's) Coal Baseload Independent Power Producer (IPP) Procurement Programme. The Programme aims to secure 2,500MW of baseload electricity from coal-fired power stations, while simultaneously contributing towards socio-economic development and sustainable growth.

The proposed H2 Energy Power Station project will consist of up to 4 power generation units (which may be developed in a single or multiple phased approach), and will have a contracted capacity of up to 600MW. The power generation units will utilise Supercritical (SC) or Ultra-supercritical (USC) Circulating Fluidised Bed (CFB) Boiler Technology; direct or indirect dry cooling technology; as well as dry ash disposal methods. The project will be designed as a Zero Liquid Effluent Discharge (ZLED) facility, and will therefore provide for the on-site treatment, reuse, and recycling of wastewater.

Coal required to fuel the project will be sourced from the Palesa Coal Mine, located approximately 800 m south of the proposed project site, and transferred to the site via overland conveyor.

The key project components can be summarised as follows:

Component	Description/ Dimensions
Generation capacity	» Up to 600 MW baseload electricity. * consist of up to 4 power generation units * to be developed in a single or multiple phases.
Power generation unit technology	» Supercritical (SC) or Ultra-supercritical (USC) Circulating Fluidised Bed (CFB) boiler Technology. » Direct or Indirect Dry (i.e. air) cooled. » Zero Liquid Effluent Discharge (ZLED) facility.
Associated Project Infrastructure and Components	» Overland coal conveyor. » Coal crusher. » Flue gas cleaning and main stack. » Office and maintenance areas and buildings. » Substation. » Access and internal roads.
Raw material storage areas	» Strategic coal stockpile area with a storage capacity of 225 000 tonnes (equivalent to a 30-day capacity). » Covered limestone storage shed with a storage capacity of 15 000 tonnes.
Ash dump	» Dry ash disposal methods to be used (Above-ground membrane lined ash dump).
Water infrastructure	» Raw water storage dam. » Stormwater runoff dam. » Ash dump runoff dam. » Wastewater treatment plant.

Electricity generated by the project will feed into and supplement the national electricity grid. Power line route alternatives will be determined based on the final project layout and grid connection point. Bulk raw water required for the project will comprise treated grey water and will be supplied by one or more Local Municipality via overland pipeline(s). These will be assessed through separate applications for Authorisation.

A preferred site has been identified for the project, and forms the basis of investigation of this Environmental Impact Assessment (EIA) process. The preferred project site is approximately 568ha in extent, and comprises three properties, all of which belong to the Thembisile Hani Local Municipality.

Portion Number:	Farm Name:	Landowner:	Area:
Portion 21	Hartebeestfontein No. 434 JR	Thembisile Hani Local Municipality	160 Ha
Portion 22	Hartebeestfontein No. 434 JR	Thembisile Hani Local Municipality	212 Ha

Portion 23	Hartebeestfontein No. 434 JR	Thembisile Hani Local Municipality	196 Ha
TOTAL			**568 Ha**

The H2 Energy Power Station project will occupy a development footprint of approximately 164ha, within the project site of approximately 568ha.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The development of the H2 Energy Power Station and associated infrastructure requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET), the Local Commenting Authority, in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA) and the provisions of the 2014 Environmental Impact Assessment (EIA) Regulations, published in GNR 982 to GNR 985.

In addition to the EA, the project also requires a Waste Management License (WML) for the storage, treatment and disposal of general and hazardous waste; in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities published in GNR 921.

In order to make application for this authorisation, H2 Energy has initiated comprehensive, independent environmental studies, which will be undertaken in accordance with the 2014 EIA Regulations (GNR 982) and NEM:WA. An integrated application for EA and a WML is therefore being prepared for this project.

The Scoping and Environmental Impact assessment (S&EIA) process is also being undertaken in support of an application for an Atmospheric Emission License (AEL), required under the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893; as well as Water Use License (WUL) required under the National Water Act (No. 36 of 1998) (NWA).

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for managing the integrated application and undertaking a full S&EIA process to identify and assess all potential environmental impacts associated with the project for the area as identified, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental

studies, Interested and/or Affected Parties (I&APs) will be actively involved through the public participation process.

You and/or the organisation which you represent has been identified as an I&AP for the proposed project. Should you have an interest in this project, please register yourself as an I&AP by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the EIA process. A Background Information Document (BID) providing further information on the project, S&EIA, and public participation process will be made available in due course.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards

GABRIELE WOOD
PUBLIC PARTICIPATION AND SOCIAL CONSULTANT
SAVANNAH ENVIRONMENTAL

DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE - NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

Forward

Assigned to:	Gabriele Wood	Date Sent:	04/11/2016 15.33
Teams:	Global	Project:	H2 Energy Power Station, Mpumalanga
From:	Gabriele Wood <gabriele@savannahsa.com>		
To:			
Cc:			
Bcc:	Samantha Ralston-Paton <energy@birdlife.org.za>, Simon Gear <advocacy@birdlife.org.za>, Morgan Griffiths <morgan.griffiths@wessa.co.za>, Makoma Lekalakala <makoma@earthlife.org.za>, Nicole Loser <nloser@cer.org.za>		
Subject:	DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE - NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS		

Body:

Dear Stakeholder

H2 Energy propose the development of the H2 Energy Power Station and associated infrastructure on a site approximately 800 m north of the Palesa Coal Mine, and 9 km south of KwaMhlanga in the Mpumalanga Province. The H2 Energy Power Station project includes a coal-fired power station with a generating capacity of 600MW as well as associated infrastructure. The project is intended to form part of the Department of Energy's (DoE's) Coal Baseload Independent Power Producer (IPP) Procurement Programme. The Programme aims to secure 2,500MW of baseload electricity from coal-fired power stations, while simultaneously contributing towards socio-economic development and sustainable growth.

The development of the H2 Energy Power Station and associated infrastructure requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET), the Local Commenting Authority, in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA) and the provisions of the 2014 Environmental Impact Assessment (EIA) Regulations, published in GNR 982 to GNR 985.

In addition to the EA, the project also requires a Waste Management License (WML) for the storage, treatment and disposal of general and hazardous waste; in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities published in GNR 921.

In order to make application for this authorisation, H2 Energy has initiated comprehensive, independent environmental studies, which will be undertaken in accordance with the 2014 EIA Regulations (GNR 982) and NEM:WA. An integrated application for EA and a WML is

(NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893; as well as Water Use License (WUL) required under the National Water Act (No. 36 of 1998) (NWA).

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for managing the integrated application and undertaking a full S&EIA process to identify and assess all potential environmental impacts associated with the project for the area as identified, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental studies, Interested and/or Affected Parties (I&APs) will be actively involved through the public participation process. A letter providing further details on the project is attached for your reference. Kindly confirm that you would like to register as an I&AP for this project by returing the stakeholder registration form attached

Please do not hesitate to contact me if you require further details in this regard.

Kind regards,

Mrs Gabriele Wood

Public Participation and Social Consultant

Savannah Environmental (Pty) Ltd

Tel: 27 11 656 3237

Fax: 086 684 0547

Email: gabriele@savannahsa.com

www.savannahsa.com

☐ Show Plain Text

Attachments: H2 Energy Notification Letter - IAP 04.11.2016.pdf
H2 Energy Power Station_Reply Form.pdf

Activities

(0 - 0 of 0)

Subject	Status	Contact	Due Date	Assigned User
No Data				

Attachments

(1 - 2 of 2)

Subject	Contact	Last Modified

H2 Energy Power Station_Reply Form.pdf	04/11/2016 15.33	edit

Accounts

Create (0 - 0 of 0)

Account Name	Town/City	Phone
No Data		

Contacts

Create (0 - 0 of 0)

Name	Organisation	Email
No Data		

Email Stakeholders

(1 - 6 of 6)

Name	Organisation	Email	
Simon Gear	BirdLife South Africa	advocacy@birdlife.org.za	edit
Morgan Griffiths	Wildlife and Environment Society of South Africa (WESSA)	morgan.griffiths@wessa.co.za	edit
Makoma Lekalakala	Earthlife Africa	makoma@earthlife.org.za	edit
Nicole Loser	Centre for Environmental Rights	nloser@cer.org.za	edit
Samantha Ralston-Paton	BirdLife South Africa	energy@birdlife.org.za	edit
Gabriele Wood	Savannah Environmental	gabriele@savannahsa.com	edit

Users

Select (0 - 0 of 0)

Name	User Name	Email	Phone
No Data			

Projects

Create (1 - 1 of 1)

Name	Assigned To	Start Date:	End Date:	
H2 Energy Power Station, [illegible]alanga	Gabriele Wood	01/10/2016	31/10/2017	edit

From the desk of Gabriele Wood
Email: gabriele@savannahsa.com

04 November 2016

Dear Stakeholder

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

H2 Energy propose the development of the H2 Energy Power Station and associated infrastructure on a site approximately 800 m north of the Palesa Coal Mine, and 9 km south of KwaMhlanga in the Mpumalanga Province. The H2 Energy Power Station project includes a coal-fired power station with a generating capacity of 600MW as well as associated infrastructure. The project is intended to form part of the Department of Energy's (DoE's) Coal Baseload Independent Power Producer (IPP) Procurement Programme. The Programme aims to secure 2,500MW of baseload electricity from coal-fired power stations, while simultaneously contributing towards socio-economic development and sustainable growth.

The proposed H2 Energy Power Station project will consist of up to 4 power generation units (which may be developed in a single or multiple phased approach), and will have a contracted capacity of up to 600MW. The power generation units will utilise Supercritical (SC) or Ultra-supercritical (USC) Circulating Fluidised Bed (CFB) Boiler Technology; direct or indirect dry cooling technology; as well as dry ash disposal methods. The project will be designed as a Zero Liquid Effluent Discharge (ZLED) facility, and will therefore provide for the on-site treatment, reuse, and recycling of wastewater.

Coal required to fuel the project will be sourced from the Palesa Coal Mine, located approximately 800 m south of the proposed project site, and transferred to the site via overland conveyor.

The key project components can be summarised as follows:

Component	Description/ Dimensions
Generation capacity	» Up to 600 MW baseload electricity. * consist of up to 4 power generation units * to be developed in a single or multiple phases.
Power generation unit technology	» Supercritical (SC) or Ultra-supercritical (USC) Circulating Fluidised Bed (CFB) boiler Technology. » Direct or Indirect Dry (i.e. air) cooled. » Zero Liquid Effluent Discharge (ZLED) facility.
Associated Project Infrastructure and Components	» Overland coal conveyor. » Coal crusher. » Flue gas cleaning and main stack. » Office and maintenance areas and buildings. » Substation. » Access and internal roads.
Raw material storage areas	» Strategic coal stockpile area with a storage capacity of 225 000 tonnes (equivalent to a 30-day capacity). » Covered limestone storage shed with a storage capacity of 15 000 tonnes.
Ash dump	» Dry ash disposal methods to be used (Above-ground membrane lined ash dump).
Water infrastructure	» Raw water storage dam. » Stormwater runoff dam. » Ash dump runoff dam. » Wastewater treatment plant.

Electricity generated by the project will feed into and supplement the national electricity grid. Power line route alternatives will be determined based on the final project layout and grid connection point. Bulk raw water required for the project will comprise treated grey water and will be supplied by one or more Local Municipality via overland pipeline(s). These will be assessed through separate applications for Authorisation.

A preferred site has been identified for the project, and forms the basis of investigation of this Environmental Impact Assessment (EIA) process. The preferred project site is approximately 568ha in extent, and comprises three properties, all of which belong to the Thembisile Hani Local Municipality.

Portion Number:	Farm Name:	Landowner:	Area:
Portion 21	Hartebeestfontein No. 434 JR	Thembisile Hani Local Municipality	160 Ha
Portion 22	Hartebeestfontein No. 434 JR	Thembisile Hani Local Municipality	212 Ha

Portion 23	Hartebeestfontein No. 434 JR	Thembisile Hani Local Municipality	196 Ha
TOTAL			**568 Ha**

The H2 Energy Power Station project will occupy a development footprint of approximately 164ha, within the project site of approximately 568ha.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The development of the H2 Energy Power Station and associated infrastructure requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET), the Local Commenting Authority, in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA) and the provisions of the 2014 Environmental Impact Assessment (EIA) Regulations, published in GNR 982 to GNR 985.

In addition to the EA, the project also requires a Waste Management License (WML) for the storage, treatment and disposal of general and hazardous waste; in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities published in GNR 921.

In order to make application for this authorisation, H2 Energy has initiated comprehensive, independent environmental studies, which will be undertaken in accordance with the 2014 EIA Regulations (GNR 982) and NEM:WA. An integrated application for EA and a WML is therefore being prepared for this project.

The Scoping and Environmental Impact assessment (S&EIA) process is also being undertaken in support of an application for an Atmospheric Emission License (AEL), required under the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893; as well as Water Use License (WUL) required under the National Water Act (No. 36 of 1998) (NWA).

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for managing the integrated application and undertaking a full S&EIA process to identify and assess all potential environmental impacts associated with the project for the area as identified, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental

studies, Interested and/or Affected Parties (I&APs) will be actively involved through the public participation process.

You and/or the organisation which you represent have been identified as a directly affected or adjacent property owner that could be impacted by the proposed project. The 2014 EIA Regulations require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment process in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this EIA process. Should you or any other occupier of your property have an interest in this project, please register yourselves as I&APs by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the EIA process. A Background Information Document (BID) providing further information on the project, S&EIA, and public participation process will be made available in due course.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards

GABRIELE WOOD
PUBLIC PARTICIPATION AND SOCIAL CONSULTANT
SAVANNAH ENVIRONMENTAL

From: <Gabriele Wood <gabriele@savannahsa.com>>
Subject: **DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE - NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**
Date Sent by Sender: 07/11/2016 09.26
To: Max De Kock <max.dekock@drdlr.gov.za>
From Local System: H2 Energy Notification Letter - Landowner 04.11.2016.pdf
H2 Energy Power Station_Reply Form.pdf

Dear Stakeholder

H2 Energy propose the development of the H2 Energy Power Station and associated infrastructure on a site approximately 800 m north of the Palesa Coal Mine, and 9 km south of KwaMhlanga in the Mpumalanga Province. The H2 Energy Power Station project includes a coal-fired power station with a generating capacity of 600MW as well as associated infrastructure. The project is intended to form part of the Department of Energy's (DoE's) Coal Baseload Independent Power Producer (IPP) Procurement Programme. The Programme aims to secure 2,500MW of baseload electricity from coal-fired power stations, while simultaneously contributing towards socio-economic development and sustainable growth.

The development of the H2 Energy Power Station and associated infrastructure requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET), the Local Commenting Authority, in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA) and the provisions of the 2014 Environmental Impact Assessment (EIA) Regulations, published in GNR 982 to GNR 985.

In addition to the EA, the project also requires a Waste Management License (WML) for the storage, treatment and disposal of general and hazardous waste; in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities published in GNR 921.

In order to make application for this authorisation, H2 Energy has initiated comprehensive, independent environmental studies, which will be undertaken in accordance with the 2014 EIA Regulations (GNR 982) and NEM:WA. An integrated application for EA and a WML is therefore being prepared for this project.

The Scoping and Environmental Impact assessment (S&EIA) process is also being undertaken in support of an application for an Atmospheric Emission License (AEL), required under the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893; as well as Water Use License (WUL) required under the National Water Act (No. 36 of 1998) (NWA).

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for managing the integrated application and undertaking a full S&EIA process to identify and assess all potential environmental impacts associated with the project for the area as identified, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental studies, Interested and/or Affected Parties (I&APs) will be actively involved through the public participation process. A letter providing further details on the project is attached for your reference. Kindly confirm that you would like to register as an I&AP for this project by returing the stakeholder registration form attached

Please do not hesitate to contact me if you require further details in this regard.

Kind regards,

Mrs Gabriele Wood

Public Participation and Social Consultant

Savannah Environmental (Pty) Ltd

Tel: 27 11 656 3237

Fax: 086 684 0547

Email: gabriele@savannahsa.com

www.savannahsa.com

Savannah Environmental (Pty) Ltd | Directors: KM Jodas, J Thomas, M Matsabu
Company Reg No.: 2006/000127/07
VAT Reg No.: 4780226736

06 January 2017

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE

AVAILABILITY OF SCOPING REPORT FOR REVIEW & PUBLIC MEETING

Dear Stakeholder,

H2 Clean Energy (Pty) Ltd proposes the development of the H2 Energy Power Station and associated infrastructure on a site near KwaMhlanga in the Thembisile Hani Local Municipality of Mpumalanga's Nkangala District. The project is intended to form part of the Department of Energy's (DoE's) Coal Baseload Independent Power Producer Programme (IPP) Procurement Programme. The Programme aims to secure 2 500MW of baseload electricity from coal-fired power stations, while simultaneously contributing towards socio-economic development and sustainable growth.

The H2 Energy Power Station will utilise either Pulverised Coal (PC) with Flue Gas Desulphurisation (FGD), or Circulating Fluidised Bed (CFB) boiler technology; and will have a maximum contracted capacity of up to 600MW. The proposed power station will utilise Supercritical (SC) or Ultra-supercritical (USC) steam generation technology; direct or indirect dry cooling methods; as well as dry ash disposal methods. The project will be designed as a Zero Liquid Effluent Discharge (ZLED) facility, and will therefore provide for the on-site treatment, reuse, and recycling of wastewater. Coal required to fuel the project will be sourced from the existing Palesa Coal Mine, located approximately 800m south of the proposed project site, and transferred to the site via overland conveyor.

Electricity generated by the project will feed into and supplement the national electricity grid. Power line route alternatives will be determined based on the final project layout and grid connection point. Bulk raw water required for the project will comprise treated municipal grey water and will be supplied by one or more Local Municipality via overland pipeline(s). Grid integration and water supply options will be assessed through separate applications for Authorisation.

A preferred site has been identified for the project, and forms the basis of investigation of the Environmental Impact Assessment (EIA) process. The preferred project site comprises Portions 21, 22 and 23 of the Farm Hartebeestpruit No. 434, all of which belong to the Department of Rural Development and Land Reform (DRDLR). The H2 Energy Power Station project will occupy a development footprint of approximately 170ha, within the project site of approximately 568ha.

The H2 Energy Power Station will include the following infrastructure components:

Component	Description/ Dimensions
Power generation unit technology	» Pulverised Coal (PC) or Circulating Fluidised Bed (CFB) boiler technology. » Supercritical (SC) or Ultra-supercritical (USC) steam generation technology. » Direct or indirect dry (i.e. air) cooling methods. » Zero Liquid Effluent Discharge (ZLED) facility.
Associated Project Infrastructure and Components	» Overland coal conveyor. » Coal crusher (and screening plant in the case of PC technology). » Emission stacks. » Flue gas cleaning (Flue Gas Desulphurisation (FGD) plant and Selective Non-Catalytic Reduction (SNCR) plant in the case of PC technology). » Office and maintenance areas and buildings. » Substation. » Access and internal roads.
Raw material storage areas	» Strategic coal stockpile with a storage capacity of 225 000 tonnes (equivalent to a 30-day capacity). » Covered limestone storage shed with a storage capacity of 15 000 tonnes (required as sorbent in the case of CFB technology). » Ammonia storage (required for the SNCR plant in the case of PC technology).
Ash dump	» Dry ash disposal methods to be used (above-ground membrane lined ash dump).
Water infrastructure	» Raw water storage dam. » Stormwater runoff dam. » Ash dump runoff dam. » Wastewater treatment plant.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The development of the H2 Energy Power Station and associated infrastructure requires that Environmental Authorisation be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET), the Local Commenting Authority, in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA) and the

provisions of the 2014 Environmental Impact Assessment (EIA) Regulations, published in GNR 982 to GNR 985.

In addition to Environmental Authorisation, the project also requires a Waste Management License (WML) for the storage, treatment and disposal of general and hazardous waste; in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities published in GNR 921.

In order to make application for this authorisation, H2 Clean Energy has initiated comprehensive, independent environmental studies, which will be undertaken in accordance with the 2014 EIA Regulations (GNR 982) and NEM:WA. An integrated application for EA and a WML is therefore being prepared for this project.

The Scoping and Environmental Impact assessment (S&EIA) process is also being undertaken in support of an application for an Atmospheric Emission License (AEL), required under the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893; as well as Water Use License (WUL) required under the National Water Act (No. 36 of 1998) (NWA).

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for managing the integrated application and undertaking a full S&EIA process to identify and assess all potential environmental impacts associated with the project for the area as identified, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental studies, Interested and/or Affected Parties (I&APs) will be actively involved through the public participation process.

AVAILABILITY OF SCOPING REPORT FOR REVIEW

A Scoping Report has been prepared for the proposed project by Savannah Environmental and is available for review. The review period is from **06 January 2017 – 06 February 2017**. The Scoping Report can be viewed at:

- Tweefontein Library, Moloto Road, Along the R573, Thembisile.
- Kghodwana Cultural Village, R569, Bronkhorstspruit.
- Thembisile Hani Local Municipality, Stand 24 Kwaggafontein C, eMpumalanga
- www.savannahSA.com/projects

Please submit your formal comments by sending written correspondence in this regard. All comments received will be included in the final Scoping Report which will be submitted to the DEA. Comments can be made as written submission of fax, post or email.

PUBLIC MEETING

In order to facilitate comments on the Scoping Report, a public meeting will be held during the public review period as follows:

Date:	**Wednesday 25 January 2017**
Time:	**14:00 – 16:00**
Venue:	**Loopspruit Winery, R569 North, Bronkhorstspruit, 1020**

The aim of the public meeting is to provide you with more information regarding the proposed project (including technical details, project process and timeframes etc.), to provide a summary of the findings of the Scoping Report, to invite comment on the proposed project, and to further discuss possible issues of specific concern to you which may need to be addressed.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the proposed project. Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards,

Ms Gabriele Wood
Public Participation and Social Consultant
Savannah Environmental
Email**:** gabriele@savannahsa.com