

01 February 2017

Dear Stakeholder

**ENVIRONMENTAL BASIC ASSESSMENT AND  
PUBLIC PARTICIPATION PROCESS  
DEVELOPMENT OF THE NEOPAK CHP PLANT,  
ROSSLYN, GAUTENG**

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**NOTICE OF ENVIRONMENTAL BASIC ASSESSMENT PROCESS**

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Neopak (Pty) Ltd propose to develop a Combined Heat and Power (CHP) gas turbine at the existing Neopak Facility in Rosslyn Gauteng. The project is known as the Neopak CHP Plant. The affected properties of the proposed project includes Portion 3 of Erf 39, Portion 1 of Erf 41 and Erf 40. The project site proposed for the development is located within these affected properties and is the area within which the construction and operation of the CHP Plant will take place. These properties are considered to be Brownfield land which has been degraded and built-up by industrial development over an extended period of time and do not contain any ecological functioning. The main elements within the general area of the proposed development is of an industrial nature.

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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 Basic Assessment process.

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**GABRIELE STEIN**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**

03 February 2017

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Kind regards

**GABRIELE WOOD**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**

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## ENVIRONMENTAL BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS DEVELOPMENT OF THE NEOPAK CHP PLANT, ROSSLYN, GAUTENG - NOTICE OF ENVIRONMENTAL BASIC ASSESSMENT PROCESS

Sea

Forward

Assigned to: Gabriele Wood

Date Sent: 03/02/2017 14.00

Teams: Global

Project: Neopak CHP & WTP Plants,  
Rosslyn, Gauteng

From: Gabriele Wood <gabriele@savannahsa.com>

To:

Cc:

Bcc: Abdul Khalik Patel <simsbp@mweb.co.za>, Head: Property and Facilities Management  
<info@tnc.edu.za>, Paul le Roux <paul.leroux@neopak.co.za>

Subject: ENVIRONMENTAL BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS  
DEVELOPMENT OF THE NEOPAK CHP PLANT, ROSSLYN, GAUTENG - NOTICE OF  
ENVIRONMENTAL BASIC ASSESSMENT PROCESS

Body: Dear Stakeholder

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Projects Organisations Stakeholders Calendar Reports Emails more

**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](mailto:gabriele@savannahsa.com)**

**[www.savannahsa.com](http://www.savannahsa.com)**

Show Plain Text

Attachments: [Neopak CHP Notification Letter - Landowner\\_03.02.17.pdf](#)  
[Neopak CHP Plant\\_Locality map\\_03.02.17.pdf](#)  
[Neopak CHP Reply Form.pdf](#)

## Projects




Create

(1 - 1 of 1)

Name 	Assigned To	Start Date: 	End Date: 	
<a href="#">Neopak CHP &amp; WTP Plants, Rosslyn, Gauteng</a>	Gabriele Wood	13/01/2017	01/07/2017	<input type="text" value="edit"/>

## Attachments

(1 - 3 of 3)

Subject 	Contact 	Last Modified 	
<a href="#">Neopak CHP Notification Letter - Landowner_03.02.17.pdf</a>		03/02/2017 14.00	<input type="text" value="edit"/>
<a href="#">Neopak CHP Plant_Locality map_03.02.17.pdf</a>		03/02/2017 14.00	<input type="text" value="edit"/>
<a href="#">Neopak CHP_Reply Form.pdf</a>		03/02/2017 14.00	<input type="text" value="edit"/>

## Activities

## Accounts

## Contacts

## Email Stakeholders

03 February 2017

BMW SA (Pty) Ltd  
Dave Adam  
PO Box 2955  
Pretoria  
0001

Tel: 012-522-3000

Dear Dave Adam

**ENVIRONMENTAL BASIC ASSESSMENT AND  
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**GABRIELE WOOD**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**



03 February 2017

CEZ Investments cc  
The Managing Director  
672 Louis Botha Ave  
Johannesburg  
2090

**Attention:** The Managing Director

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**GABRIELE WOOD**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**

03 February 2017

Imbali Props 21 (Pty) Ltd  
Kenneth Collins  
PO Box 263  
La Lucia  
4153

Tel: 032-946-1827 / 082-800-0347

Dear Kenneth Collins

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**GABRIELE WOOD**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**

03 February 2017

KAP Automotive  
Mark Balladon  
PO Box 1955  
Bramley  
2018

Tel: 082-651-7647

Dear Mark Balladon

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**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**

03 February 2017

MA Automative Tool and Die (Pty) Ltd  
Jens Dieter Schutte  
PO Box 911-168  
Rosslyn  
0200

Tel: 012-521-2500

Dear Jens Dieter Schutte

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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 basic 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 Basic Assessment 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 Basic Assessment process.

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**



03 February 2017

Moneda Investments  
Abdul Khalik Patel  
PO Box 33055  
Montclair  
Durban  
4061

Tel: 031-902-3115 / 082-786-8797

Dear Abdul Khalik Patel

**ENVIRONMENTAL BASIC ASSESSMENT AND  
PUBLIC PARTICIPATION PROCESS  
DEVELOPMENT OF THE NEOPAK CHP PLANT,  
ROSSLYN, GAUTENG**

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**NOTICE OF ENVIRONMENTAL BASIC ASSESSMENT PROCESS**

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Neopak (Pty) Ltd propose to develop a Combined Heat and Power (CHP) gas turbine at the existing Neopak Facility in Rosslyn Gauteng. The project is known as the Neopak CHP Plant. The affected properties of the proposed project includes Portion 3 of Erf 39, Portion 1 of Erf 41 and Erf 40. The project site proposed for the development is located within these affected properties and is the area within which the construction and operation of the CHP Plant will take place. These properties are considered to be Brownfield land which has been degraded and built-up by industrial development over an extended period of time and do not contain any ecological functioning. The main elements within the general area of the proposed development is of an industrial nature.

The Neopak Facility currently uses natural gas to generate steam for the current operations. Neopak are now proposing to pass the same gas through a gas turbine to generate both steam and electricity. The purpose of the proposed project is, therefore, to produce both power and steam, rather than just steam which is currently being produced by existing boilers located within the plant. The steam produced by the CHP plant will be used for the operations of the facility, while the electricity produced will be evacuated via an underground 11kV cable to an existing substation located within the Neopak Facility for operational purposes.

Currently there are both coal and gas boilers operating within the Neopak Facility which are utilised for the production of steam for the operation of the plant. The CHP Plant will be aiding and adding

to the production of steam which is currently being produced by coal and gas fired boilers on-site and also generate electricity. This will provide a more sustainable use of gas and better utilisation of a natural resource in terms of electricity generation. The purpose of the proposed project is therefore to produce both power and steam, rather than only steam, which will provide the opportunity for a more efficient use of the available energy, effectively delivering a proportion of “free” conversion to electricity generation.

## **ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

The development of the Neopak CHP Plant requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Gauteng Department of Agriculture and Rural Development (GDARD), 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.

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for undertaking a Basic Assessment 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 basic 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 Basic Assessment 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 Basic Assessment process.

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Kind regards

**GABRIELE WOOD**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**

03 February 2017

Nissan South Africa (Pty) Ltd  
Francois Greeff  
PO Box 91101  
Rosslyn  
0200

Tel: 012-529-5103

Dear Francois Greeff

**ENVIRONMENTAL BASIC ASSESSMENT AND  
PUBLIC PARTICIPATION PROCESS  
DEVELOPMENT OF THE NEOPAK CHP PLANT,  
ROSSLYN, GAUTENG**

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**NOTICE OF ENVIRONMENTAL BASIC ASSESSMENT PROCESS**

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Neopak (Pty) Ltd propose to develop a Combined Heat and Power (CHP) gas turbine at the existing Neopak Facility in Rosslyn Gauteng. The project is known as the Neopak CHP Plant. The affected properties of the proposed project includes Portion 3 of Erf 39, Portion 1 of Erf 41 and Erf 40. The project site proposed for the development is located within these affected properties and is the area within which the construction and operation of the CHP Plant will take place. These properties are considered to be Brownfield land which has been degraded and built-up by industrial development over an extended period of time and do not contain any ecological functioning. The main elements within the general area of the proposed development is of an industrial nature.

The Neopak Facility currently uses natural gas to generate steam for the current operations. Neopak are now proposing to pass the same gas through a gas turbine to generate both steam and electricity. The purpose of the proposed project is, therefore, to produce both power and steam, rather than just steam which is currently being produced by existing boilers located within the plant. The steam produced by the CHP plant will be used for the operations of the facility, while the electricity produced will be evacuated via an underground 11kV cable to an existing substation located within the Neopak Facility for operational purposes.

Currently there are both coal and gas boilers operating within the Neopak Facility which are utilised for the production of steam for the operation of the plant. The CHP Plant will be aiding and adding

to the production of steam which is currently being produced by coal and gas fired boilers on-site and also generate electricity. This will provide a more sustainable use of gas and better utilisation of a natural resource in terms of electricity generation. The purpose of the proposed project is therefore to produce both power and steam, rather than only steam, which will provide the opportunity for a more efficient use of the available energy, effectively delivering a proportion of "free" conversion to electricity generation.

## **ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

The development of the Neopak CHP Plant requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Gauteng Department of Agriculture and Rural Development (GDARD), 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.

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for undertaking a Basic Assessment 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 basic 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 Basic Assessment 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 Basic Assessment process.

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**

SE 1760  
Neopak

Neopak CHP and VWT Plants, Rosslyn, Gauteng - Process Notification Distribution

Organisation	Name	Designation	i&AP Sector	i&AP Type	Office Phone	Mobile	Fax	Street Address	Town	Code	Postal Address	Town	Code
BMW SA (Pty) Ltd	Dave Adam	Manager	Business	Adjacent Landowner	012-522-3000			6 Frans Du Toit Street	Pretoria	0200	PO Box 2955	Pretoria	0001
CEZ Investments cc	The Managing Director		Business	Adjacent Landowner	022-946-1827	082-800-0347		672 Louis Botha Ave	Johannesburg	2090			
Imbali Props 21 (Pty) Ltd	Kenneth Collins	Director	Business	Adjacent Landowner	082-651-7647			1 Richefond Circle	Umhlanga	4319	PO Box 263	La Lucia	4153
KAP Automotive	Mark Balaodon	Director	Business	Adjacent Landowner	012-521-2500			28 6th Street	Sandton	2090	PO Box 1955	Bramley	2018
MA Automotive Tool and Die (Pty) Ltd	Jens Dieter Schutte	Managing Director	Business	Adjacent Landowner	031-902-3115	082-786-8797	012-541-2228	8 Marthinus Ras Street	Rosslyn	0200	PO Box 911-168	Rosslyn	0200
Mioneda Investments	Abdul Khalik Patel	Director	Business	Adjacent Landowner	012-529-5103			6 Power Drive	Durban	4115	PO Box 33055	Durban	4061
Nissan South Africa (Pty) Ltd	Francois Greeff	Manager	Business	Adjacent Landowner	012-529-5103		012-529-6848	Bill Wilson Building	Akasia	0200	PO Box 91101	Rosslyn	0200

Date:

Post Office Stamp:



X7

28 February 2017

Dear Stakeholder

**ENVIRONMENTAL BASIC ASSESSMENT AND  
PUBLIC PARTICIPATION PROCESS  
DEVELOPMENT OF THE NEOPAK CHP PLANT,  
ROSSLYN, GAUTENG**

---

**NOTICE OF ENVIRONMENTAL BASIC ASSESSMENT PROCESS**

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**Neopak (Pty) Ltd** propose to develop a Combined Heat and Power (CHP) gas turbine at the existing Neopak Facility in Rosslyn, Gauteng. The project is known as the Neopak CHP Plant. The existing Neopak paper mill facility in Rosslyn is located on a site located within Portion 3 of Erf 39, Portion 1 of Erf 41 and Erf 40 (the affected properties). The development area proposed for the CHP Plant is located within the existing Neopak paper mill facility, and is the area within which the construction and operation of the CHP Plant will take place. These properties are considered to be a brownfields site which has been transformed through industrial development. The general area is of an industrial nature, as Rosslyn is an industrialised area and includes industries such as the BMW factory and the Nissan South Africa factory.

The Neopak Facility currently uses natural gas in a gaseous form and coal to generate steam for use in the current paper mill operations. Neopak are now proposing the development of a CHP Plant to pass the same gas through a gas turbine to generate both steam and electricity. This development will be aiding and adding to the production of steam which is currently being produced by coal and gas fired boilers on-site and also generate electricity. The purpose of the project is, therefore, to produce both power and steam, rather than just steam which is currently being produced by existing boilers located within the plant:

1. The steam produced by the CHP plant will be used for the operations of the paper mill facility,
2. The electricity produced will be evacuated via an 11kV cable to an existing substation located within the Neopak Facility.

The development will provide the opportunity for a more efficient use of the available energy, effectively delivering a proportion of "free" conversion to electricity generation. The basic operation of the proposed CHP Plant includes the following:

- » Inlet air is filtered and ducted into multiple compression stages.
- » Natural gas is fed into the combustion chamber, mixed with the compressed air and then combusted.
- » The combustion exhaust drives a series of turbine blades to provide rotational force to the drive shaft.
- » Electricity is produced through a generator connected to the drive shaft, which generates the power component of the plant.
- » Hot gases exiting the turbine at 500°C, contain a high level of energy and are ducted to a heat recovery steam generator which generates the steam component of the plant.
- » Final products of the combustion is exhausted to the atmosphere via flue.

The Neopak Facility site can be accessed via the regional road (R556) located to the north of the project site and various secondary roads surrounding the area. The area surrounding the project site and the site itself is of a highly industrial nature and is currently being used for the operation of a paper mill, specifically for the production of cardboard boxes.

## **ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

The development of the Neopak CHP Plant requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the Gauteng Department of Agriculture and Rural Development (GDARD), 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 support of an application for environmental authorisation for the project, comprehensive, independent environmental studies must be undertaken in accordance with the EIA Regulations of December 2014. Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for undertaking a Basic Assessment 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).

An application for environmental authorisation has been submitted and accepted by the National Department of Environmental Affairs (DEA) as the competent authority. As part of the environmental assessment process, I&APs will be actively involved through the public involvement process.

## **AVAILABILITY OF THE BASIC ASSESSMENT (BA) REPORT**

A Basic Assessment (BA) Report for the proposed Neopak CHP Plant has been prepared by Savannah Environmental and is available for a 30-day review period from **28 February 2017 – 31 March 2017**. You are invited to view the report at the Neopak Facility Reception (514 Hendrick van Eck Street, Rosslyn).

The report is also available for download at [www.savannahsa.com](http://www.savannahsa.com).

Please submit comments to Savannah Environmental by **31 March 2017**. Comments must be made as written submission via fax, post or email.

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**