

Dear Interested and affected party,

BIO2WATT (PTY) LTD: BRONKHORSPRUIT BIOGAS PLANT: NOTICE OF THE APPLICATION FOR WASTE MANAGEMENT LICENCE FOR THE PROPOSED UPGRADE OF THE EXISTING BIOGAS PLANT 12/9/11/L200729151308/3/N

This letter gives notice to potential Interested and Affected Parties ("I&APs") about where information can be obtained in respect of the application for Waste Management Licence ("WML"), as well as the opportunity I&APs have to comment on the draft Basic Assessment Report ("BAR").

BACKGROUND TO THE PROJECT

Bio2Watt existing Biogas plant is 4.5 Mega Watts ("MW") and they propose to upgrade to 8.4 MW due to increased energy demands and to enhance operational efficiencies. The upgrade will entail improvements to the original design (new line will handle wear and tear better) and be able to process manure with sand and stones more efficiently. In addition, the plant will also upgrade its output digestate handling and separation processes to produce water and bio-fertilizer as plant outputs. With the upgrade, there will be no additional impacts to the existing impacts of the Biogas plant (i.e. no additional traffic volumes).

The Biogas Plant adopted an anaerobic digestion ("AD") process to recover value from organic wastes (fruit & vegetable, chicken DAFF, food and beverage waste and cattle manure) which then generates biogas for power production. AD converts organic matter/waste into biogas, a source of renewable energy, and a nutrient rich organic fraction known as digestate will also be produced as a by-product. The generated biogas is used to fuel gas engines which drive electrical generators, and the fertilizer produced as a by-product is used in agriculture.

LOCATION OF THE PROJECT

Bronkhorspruit Biogas Plant ("BBP") operated by Bio2Watt is a renewable energy industrial facility, situated on the remaining extent of the farm Boschkop 543 JR which is located 18 km south west of Bronkhorstspuit. The proposed project is situated on the premises of one of South Africa's largest feedlots, Beefcor. BBP falls under the jurisdiction of the Bronkhorstspuit Local Municipality and City of Tshwane in the Gauteng Province.

LEGISLATIVE REQUIREMENTS

Procedure applied to the application

The proposed upgrade of the existing Biogas Plant will trigger the following authorisation:

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Waste Management License (“WML”) in terms of Section 19 of the National Environmental Management Waste Act (Act No. 59 of 2008) (“NEM:WA”) and the List of Waste Management Activities (“GN.R 921”) dated 29 November 2013, as amended.

For the WML, a Basic Assessment (“BA”) will be required in compliance with the National Environmental Management Act, 1998 (Act No. 107 of 1998) (“NEMA”) and the NEMA Environmental Impact Assessment Regulations, 2014 (GN R982 of 4 December 2014) (“GN R982”), as amended.

Applications submitted to competent authority

The application for a Waste Management Licence was submitted to Department of Environment, Forestry and Fisheries (“DEFF”) on 21 July 2020. The reference number was received on the 13 August 2020.

Listed activities applied to the application

The listed waste activities that will be applied for include Activity 13 of category A (GNR 921, as amended).

PUBLIC PARTICIPATION

South Africans have a right to be informed about potential decisions that may affect them and to be afforded an opportunity to influence those decisions. This advertisement forms part of a Public Participation Process as part of the project. It describes the various components of the project to enable I&APs to get a better understanding of the potential environmental and social impacts that could be expected from the proposed project. It also outlines the process and the opportunities for the public to become involved during the study.

Register as an Interested and Affected Party (I&AP)

You may register as an I&AP. To register as an I&AP of this project, or to obtain more information or submit comments, please request a Registration Form from Shangoni and return it together with any comments to Shangoni by no later than **19 September 2020** at the details provided below.

Availability of the draft Basic Assessment Report (“BAR”)

The draft BAR will be made available to the public for review for a period of 30 days from 21 August 2020 to 19 September 2020 at the following public viewing stations: Bio2Watt (Pty) Ltd, and on the Shangoni’s website (www.shangoni.co.za). E-mail or fax your comments to Shangoni (details provided below) by no later than 19 September 2020.

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Newspaper advertisements

Placed in the Streeknuus on 21 August 2020.

Where to obtain more information

To obtain additional information please contact the EAP at the details provided below:

Environmental Assessment Practitioner (EAP): Shangoni Management Services (Pty) Ltd

Contact person: Lee-Anne Fellowes

Tel: 012 807 7036

E-mail: leeanne@shangoni.co.za

Fax: 012 807 1014

Postal Address: P. O. Box 74726, Lynnwood Ridge, 0040

NOTICE OF THE APPLICATION FOR WASTE MANAGEMENT LICENCE FOR THE
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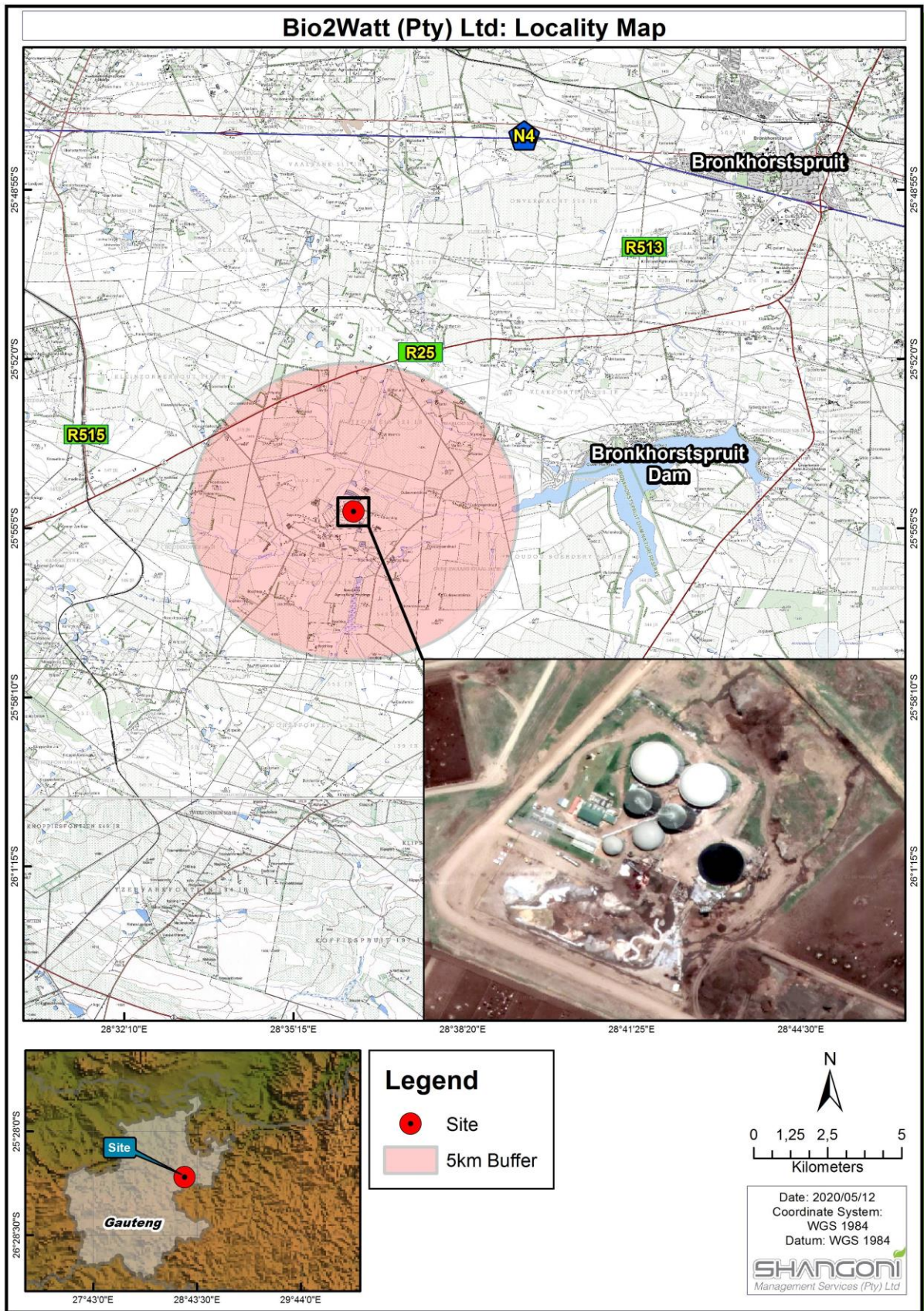


Figure 1: Locality map of the project area

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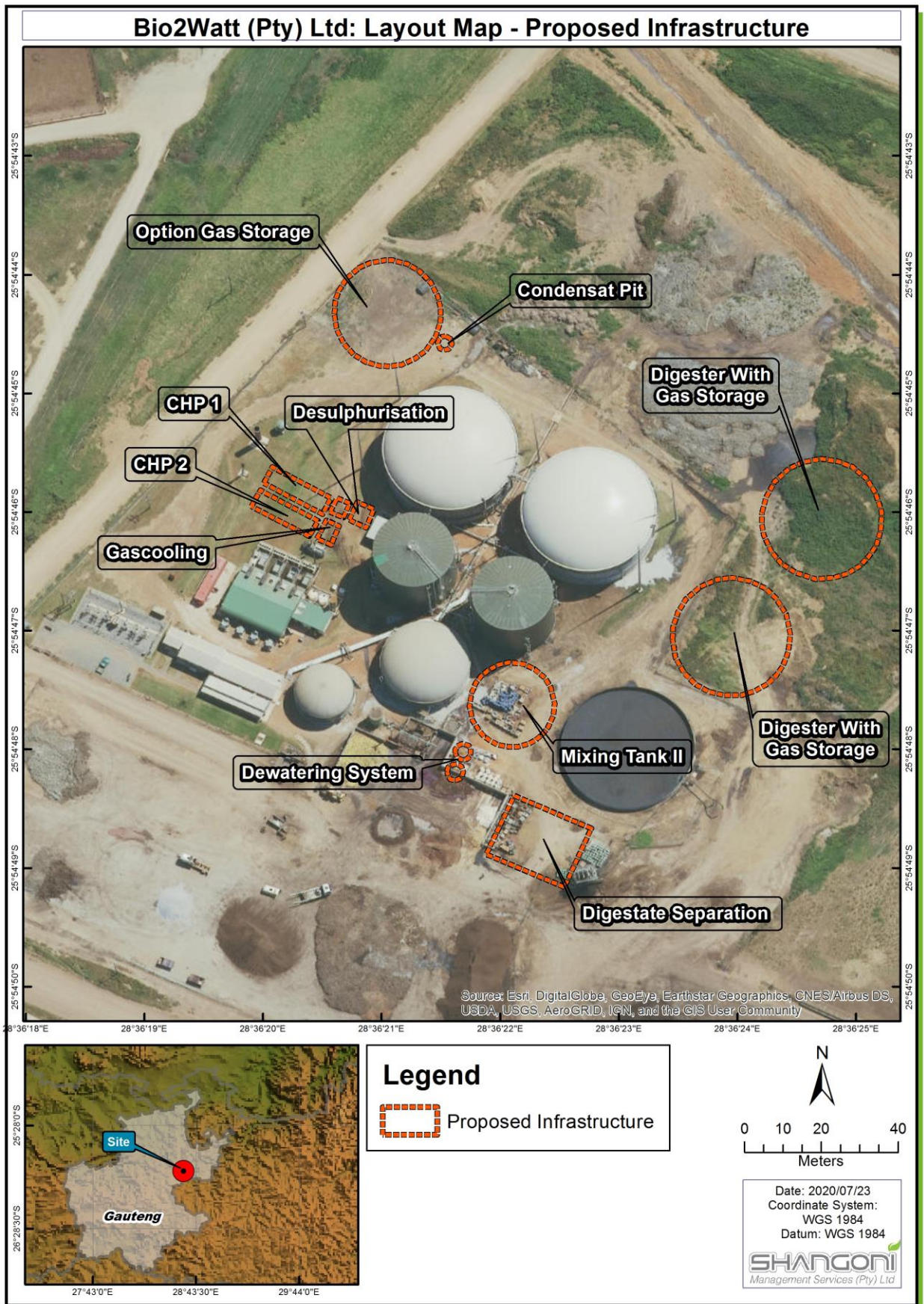


Figure 2: Layout map of the project area

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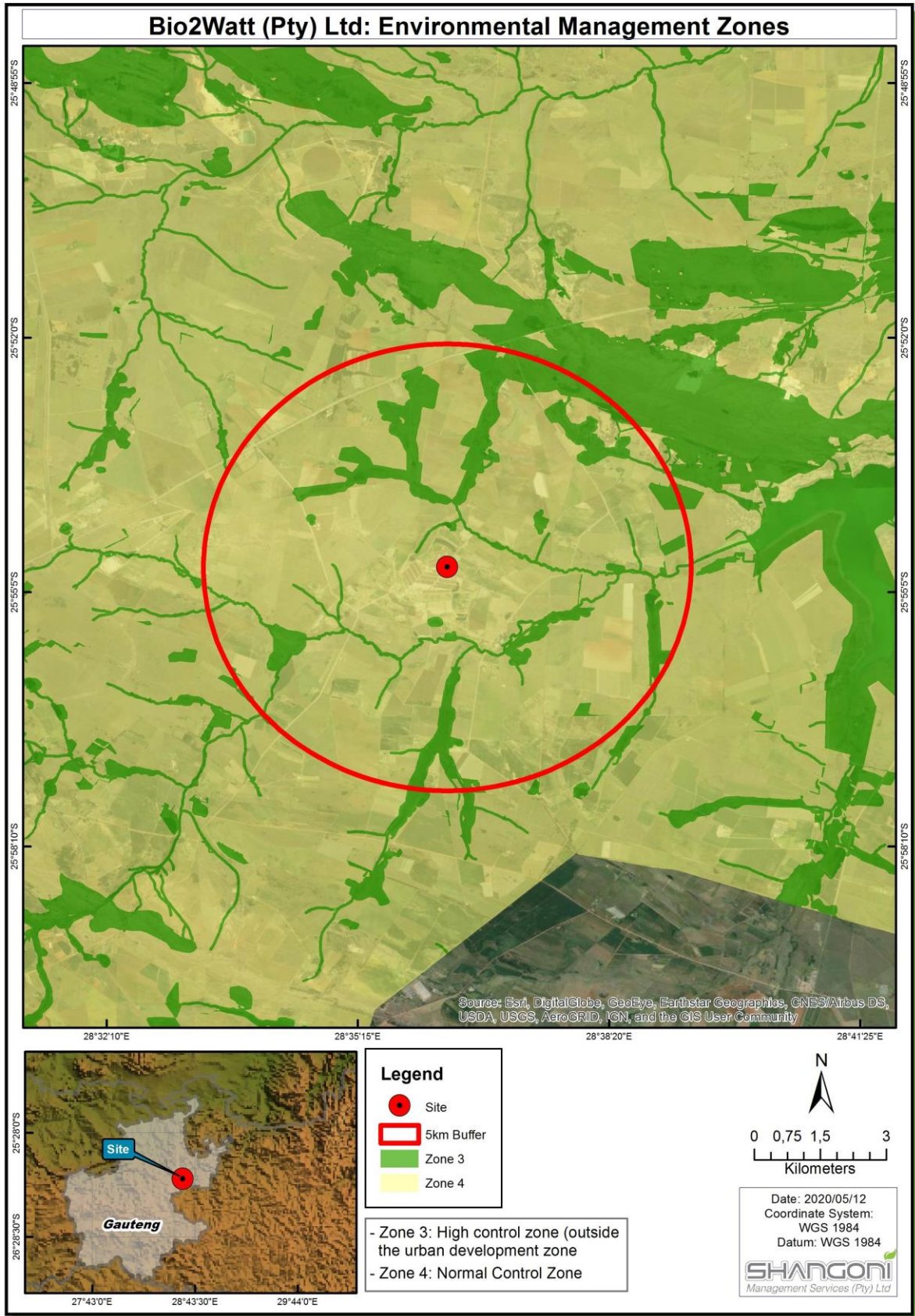


Figure 3: Environmental Management Zones

NOTICE OF THE APPLICATION FOR **WASTE MANAGEMENT LICENCE FOR THE PROPOSED UPGRADE OF THE EXISTING BIOGAS PLANT**

REGISTRATION FORM

Please complete this form and return it to Shangoni Management Services (Pty) Ltd to ensure that you are registered as an Interested and Affected Party (I&AP).

By answering the questions below, you will help us to develop a better understanding of your information requirements. The form also gives you the opportunity to make comments regarding the project. Additional pages may be attached should this be required.

I&AP Details:

Full name and surname: _____

Contact details: _____

Physical address: _____

Postal address: _____

Preferred method of communication: _____

Preferred telephone number: _____

Organisation/Representative: _____

Farm name, number and subdivision or _____

Street Address (if applicable): _____

Tel (w): _____ Tel (h): _____
Fax: _____ Cell: _____
e-mail: _____

fax e-mail post
 cell home work

Questions

1) Where did you get information about the proposed project?

Newspaper advertisement notice board flyer other (please specify)

2) Do you represent a company/organisation or is your interest on behalf of yourself?

3) Do you know of anyone that is affected by the proposed activity who was not informed of the project? (Please provide contact details)

4) Do you have any specific concerns or comments regarding the proposed project?

YES

NO

If yes, please indicate what the comments are?

