

## BACKGROUND INFORMATION DOCUMENT

### PROPOSED UPGRADE OF D1834 CULVERT SITUATED NEAR THE TOWN OF JOZINI, LOCATED WITHIN THE JOZINI LOCAL MUNICIPALITY, UMKHANYAKUDE DISTRICT MUNICIPALITY, KWAZULU-NATAL

#### 1. PURPOSE OF THIS DOCUMENT

Notice is hereby given with intent to commence a Basic Assessment process as stipulated in the Environmental Impact Assessment Regulations (2014), as amended, under Government Gazette 38282 of 04 December 2014; Notice No. GNR 982, 983 and 985 read in conjunction with Listing Notice No. GNR 324, 326 and 327 of 07 April 2017 of Listing Notice, Activity 12, 19 and 31 for the proposed project.

This notice is also given in terms of the National Water Act, 1998 (Act No. 36 of 1998), for the undertaking of a Water Use Authorisation Application process under Section 21 water uses.

Issues of concern and potential environmental impacts will be evaluated during the Basic Assessment and WUL process.

The purpose of this Background Information Document (BID) is to provide a brief description of the project, baseline environment, the process to be followed as well as to obtain initial comments and contributions from Interested and Affected Parties (I&AP's).

I&AP's are hereby invited to comment on the potential environmental and social issues relating to the proposed upgrade of the D1834 Culvert near the Town of Jozini. The comments received will ensure that relevant issues are evaluated and will form part of the assessment.

#### 2. DESCRIPTION OF THE DEVELOPMENT

Afzelia Environmental Consultants (Pty) Ltd has been appointed by Mott MacDonald (Pty) Ltd on behalf of the KwaZulu Natal Department of Transport to conduct and Environmental Impact Assessment (EIA) in the form of a Basic Assessment (BA) and Water Use Authorisation (WUA) Application process for the proposed upgrade of the existing D1834 culvert, located near the Town of Jozini. The proposed development is located near the intersection of the D1834 and A1188 roadways. The coordinates of the site are 27°22'1.47"S; 32°14'46.71"E. The existing culvert structure will be widened to accommodate bidirectional movement of vehicles, and a pedestrian walkway.

#### 3. REGIONAL SETTING AND LOCATION

The proposed development is located near the intersection of the D1834 and A1188 roadways near the town of Jozini, located within the Jozini Local Municipality, Umkhanyakude District Municipality, KwaZulu Natal

#### 4. LEGAL REQUIREMENTS

The following legislative processes are applicable to the proposed upgrade of the culvert:

##### EIA Regulations (2014) of the National Environmental Management Act (Act 107 of 1998) [as amended]

The Environmental Impact Assessment Regulations (EIA Regulations) (2014) of the National Environmental Management Act (Act 107 of 1998) [as amended] set out the procedure to apply for Environmental Authorisation.

The EIA Regulations are separated into four parts with Government Notice (GN) R 326 outlining the regulations and the remaining three (GN R 327, 325, 324) being the list of activities considered by the Minister as having the potential to have detrimental impacts on the environment.

GN R 327 and 324 listed activities are generally considered to have less significant impacts on the environment, and as a result, require a short assessment process – the Basic Assessment Reporting Process.

GN R 325 listed activities have a greater chance of significant impacts on the environment, and thus require a longer, in-depth assessment process – the Scoping and Environmental Impact Report Process.

Please see below examples of the Listed Activities in terms of EIA Regulations (2014) of NEMA (1998) [as amended] likely to be triggered by the proposed upgrade of the culvert:

##### a. Listing Notice 1

Listing Notice	Activity number	Description of the listed activity
GNR 327 of 07 April 2017 (Listing Notice 1)	12	The development of – (ii) Infrastructure or structures with a physical footprint of 100 square metres or more

Listing Notice	Activity number	Description of the listed activity
read in conjunction with GNR 983 of 04 December 2014		Where such development occurs – (a) Within a watercourse; or (c) Within 32 metres of a watercourse, measured from the edge of the watercourse
	19	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.
	31	The decommissioning of existing facilities, structures or infrastructure for— (iv) any phased activity or activities for development and related operation activity or expansion or related operation activities listed in this Notice or Listing Notice 3 of 2014;

The proposed development will trigger a Basic Assessment Report Process.

Other Listed Activities under Listing Notice 1 published in Government Notices No. R. 327 and 325, may be triggered by proposed development, however, this will be verified during the assessment process.

The KwaZulu Natal Department of Economic Development Environment and Tourism is the Competent Authority that will consider this environmental impact assessment reports.

### **National Environmental Management: Waste Act (2008)**

The National Environmental Management: Waste Act (2008) is the product of the National Waste Management Strategy as well as the White Paper on Integrated Pollution and Waste Management (IPWM). It sets the framework for integrated waste management for the entire country. Future policies and legislation will need to follow its provisions and as such it will become as key law.

The Act gives legal effect to the waste management hierarchy and the MEC has the right to set waste minimization norms and targets. Importantly the Act aims to ensure the minimising of natural resources and hence

promotes sustainable practices in the waste management arena. It therefore promotes and enforces improved prevention of pollution and ecological degradation. The Act will achieve integrated waste management reporting and direct licensing of waste management facilities.

Section 19 refers to listed waste management activities (LWMA). Government Notice No 718 of 3 July 2009 lists the waste management activities that have or are likely to have a detrimental effect on the environment. Category A activities are those LWMA which require a basic assessment as stipulated in the EIA regulations made under section 24(5) of the NEMA (1998) as part of the waste management licence application process.

Based on the information currently available, no Waste Management License Application will be required for the proposed development.

### **Section 21 of the National Water Act (Act 36 of 1998)**

The purpose of the National Water Act (1998) is to ensure that the nation's water resources are protected, developed, conserved, managed and controlled.

The NWA defines eleven (11) consumptive and non-consumptive water uses:

- a. Taking water from a water resource;
- b. Storing water;
- c. Impeding or diverting the flow of water in a watercourse;
- d. (Engaging in a stream flow reduction activity;
- e. Engaging in a controlled activity;
- f. Discharging waste or water containing waste into a water resource through a pipe, canal, sewer or other conduit;
- g. Disposing of waste in a manner which may detrimentally impact on a water resource;
- h. Disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process;
- i. (Altering the bed, banks, course or characteristics of a watercourse;
- j. (Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people.

Please see below list of potential water use license applications applicable to the proposed upgrade of the culvert:

### **Table 2: Section 21 Water Use Applications**

APPLICABLE WATER USAGE	WATER USE DEFINITION
Section 21 (a)	Taking water from a water resource.
Section 21 (c)	Impeding or diverting the flow of water in a watercourse.
Section 21 (i)	Altering the bed, banks, course or characteristics of a watercourse.

Pre-consultation meeting with officials from the Regional Office of the Department of Water and Sanitation and Afzelia Environmental Consultants (Pty) Ltd will confirm the water use licenses applicable to the proposed upgrade of the culvert.

### 5. PUBLIC PARTICIPATION PROCESS (PPP)

The PPP is a process in which stakeholders and I&APs are afforded an opportunity to comment on or raise issues relevant to the proposed housing development and / or the EIA process. Stakeholders and I&APs are invited and urged to:

- Respond (by phone, fax, mail or e-mail) to the invitation to participate in the PPP;
- Complete and forward (mail, fax or e-mail) the attached registration and comment form to Afzelia Environmental Consultants (Pty) Ltd;
- Contact the Environmental Assessment Practitioner (EAP) regarding any query, comment or request for further project information; and
- Review the draft and final Basic Assessment reports within the legislated review periods that will be stipulated in the advertisements, as well as notification emails, letters and faxes.

### 6. RESPONSIBILITIES OF AN I&AP

I&APs have a right to participate in this process by requesting further information or by informing the consultant of concerns regarding the environment in relation to the project. In order to participate in the EIA process, an I&AP **must**:

- Register on the project database in order to receive detailed information regarding the EIA process (See **Appendix 1**);
- Inform any other parties (neighbours, friends, colleagues, etc.) who may be interested and/or affected by the project about the EIA process and encourage involvement and participation;

- Ensure that any comments regarding the project are submitted within the timeframes that have been approved or set by the authorities, or within any extension of a timeframe agreed to by authorities and the applicant; and
- Disclose any direct business, financial, personal or other interest in the approval or refusal of the application for the project.

### 7. RESPONSIBILITIES OF PPP CONSULTANT

In terms of the EIA Regulations, the PPP Consultant has the following responsibilities:

- Engage the key stakeholders, Competent Authority and I&APs;
- Provide sufficient information regarding the project and associated impacts;
- Ensure that all issues raised are recorded and forwarded to the environmental specialists to address in their impact studies; and
- Facilitate a transparent process.

You have been identified as a potential I&AP in this process and are therefore invited to participate in the project by registering. Your comments will ensure that all relevant issues are documented and considered and will assist in informed decision-making by the relevant authorities.

Should you wish to register as an I&AP and/or receive additional information regarding the project, you are requested to complete the registration form, on Page 05 and email, post or hand deliver it to Afzelia Environmental Consultants (Pty) Ltd at the following address:

**Ms Rivani Maharaj and / Mr Isaiah Varathan at Afzelia Environmental Consultants (Pty) Ltd.**

**Postal Address: P.O BOX 37069, Overport, 4067**

**Physical Address: First Floor, 236 9<sup>th</sup> Avenue, Morningside, Durban, 4001.**

**Contact Number: 031 303 2835**

**Emails : [rivani@afzelia.co.za](mailto:rivani@afzelia.co.za) or [isaiah@afzelia.co.za](mailto:isaiah@afzelia.co.za)**

**We invite all stakeholders and I&APs to participate freely and to submit any comments or information you feel may be useful.**

## UMQULU WOLWAZI WESENDLALELO

### UKUTHUTHUKISWA KWESITOLE SE-D1834 CULVERT ESISEDUZE NEDOLOBHA LASEJOZINI, ESIKHONA NGAPHAKATHI KUKAMASIPALA WENDAWO IJOZINI, UMASIPALA WESIFUNDA UMKHANYAKUDE, KWAZULU-NATALI

#### 5. INHLOSO YALO MQULU

Kukhishwa isaziso ngenhloso yokuqalisa inqubo Yokuhlola Okuyisisekelo njengoba ibekiwe kuMthethonqubo Wokuhlola Komthelela Wemvelo (2014), njengoba uchtshiyelwe, ngaphansi kweGazethi kaHulumeni 38282 yomhla ziyi-4 kuZibandlela 2014; Isaziso No. GNR 982, 983 kanye no-985 sifundwa ngokuhlanganyela neSaziso Sokufaka Kuhlulwa No. GNR 324, 326 no-327 soma-07 Ephreli 2017 Sesaziso Sokufakwa Kuhlulwa, Umsebenzi 12, 19 no-31 wephrojekthi ehlongozwayo.

Lesi saziso sinikezwa futhi ngokoMthetho Kazwelonke Wezamanzi, 1998 (uMthetho No. 36 ka 1998), wokwenza inqubo Yokugunyazwa Kokusetshenziswa Kwamanzi ngaphansi kweSigaba 21 kokusetshenziswa kwamanzi.

Izingkinga ezikhathazayo kanye nemithelela engaba khona emvelweni izohlolwa ngesikhathi senqubo yokuHlola Okuyisisekelo kanye nenqubo ye-WUL.

Inhloso yalo Mbhalo Wemininingwane Yangemuva (i-BID) ukuhlinzeka ngencazelo emfushane yephrojekthi, imvelo eyisisekelo, inqubo ezolandelwa kanye nokuthola ukuphawula kokuqala kanye neminikelo evela kumaqembu anentshisekelo nabathintekayo (I & AP's).

Ama-I & AP ngalokhu ayamenywa ukuba aphawule ngezinkinga ezingaba khona zezemvelo nezenhlalo eziphathelele nokuvuselelwa okuhlongozwayo kwe-D1834 Culvert eduze kweDolobha laseJozini. Imibono etholakelele izoqinisekisa ukuthi izindaba ezifanele ziyahlolwa futhi zizoba yingxenye yokuhlolwa.

#### 6. INCAZELO YENTUTHUKO

I-Afzelia Environmental Consultants (Pty) Ltd iqokwe ngabakwaMott MacDonald (Pty) Ltd egameni loMnyango WezokuThutha KwaZulu Natali ukuthi benze Ucwango lwe-Environmental Impact Assessment (EIA) ngendlela yoHlelo Oluyisisekelo (i-BA) kanye ne-Water Use Authorization ( Inqubo yokufaka isicelo sokuvuselelwa okuhlongozwayo komgwaqo okhona we-D1834, oseduze neDolobha laseJozini. Intuthuko ehlongozwayo itholakala ezimpambanweni zomgwaqo u-D1834 no-A1188. Izixhumanisi zesiza zingama-27 ° 22'1.47 "S; 32 ° 14'46.71" E. Isakhiwo esivele sikhona sizonwetshwa ukuze samukele ukuhamba kwezinhlangothi zombili zezimoto, nendlela yabahamba ngezinyawo.

#### 7. UKUHLELWA KWESIFUNDA NENDAWO

Le ntuthuko ehlongozwayo iseduze kwezimpambano zemigwaqo u-D1834 no-A1188 eduzane nedolobha laseJozini, elingaphansi kukaMasipala Wendawo iJozini, uMasipala Wesifunda Umkhanyakude, KwaZulu Natali.

#### 8. IZIDINGO ZOMTHETHO

Izinqubo ezilandelayo zomthetho ziyasebenza ekuthuthukisweni okuhlongozwayo kwe-culvert:

##### Imithethonqubo ye-EIA (2014) yoMthetho Kazwelonke Wokuphathwa Kwezemvelo (Umthetho 107 ka-1998) [njengoba uchtshiyelwe]

Imithethonqubo Yokuhlola Komthelela Wemvelo (Imithethonqubo ye-EIA) (2014) yoMthetho Kazwelonke Wokuphathwa Kwezemvelo (Umthetho 107 ka-1998) [njengoba uchtshiyelwe] ibeka inqubo yokufaka isicelo Sokugunyazwa Kwezemvelo.

Imithethonqubo ye-EIA yehlukaniswe yaba izingxenye ezine neSaziso sikaHulumeni (GN) R 326 esichaza imithethonqubo kanti emithathu esele (GN R 327, 325, 324) esohlwini lwezinto ezenziwa nguNgqongqoshe ezinamandla okuba nemithelela emibi imvelo.

Imisebenzi efakwe kuhlu ye-GN R 327 kanye ne-324 imvamisa ithathwa njengenganomthelela omncane emvelweni, futhi ngenxa yalokho, idinga inqubo yokuhlola emfushane - Inqubo Eyisisekelo Yokubika Ukuhlola (BA).

Imisebenzi efakwe kuhlu ye-GN R 325 inethuba elikhulu lemithelela ebonakalayo emvelweni, ngakho-ke idinga inqubo ende, yokuhlola okujulile - Inqubo Yombiko Wokucutshungulwa Kwezemvelo.

Sicela ubheke ngezansi izibonelo Zemisebenzi Esohlwini ngokwemigomo ye-EIA (2014) ye-NEMA (1998) [njengoba ichtshiyelwe] okungenzeka ukuthi idalwe ukukhushulwa okuhlongozwayo kwe culvert:

##### **b. Uhlu Isaziso 1**

Uhlu Lwesaziso	Inombolo yomsebenzi	Incazelo yomsebenzi osohlwini
GNR 327 of 07 April 2017	12	Ukuthuthukiswa - (ii) Inqalasisizinda noma izakhiwo ezinendawo ebonakalayo



Uhlu Lwesaziso	Inombolo yomsebenzi	Incazelo yomsebenzi osohlwini
(Listing Notice 1) read in conjunction with GNR 983 of 04 December 2014		engamamitha-skwele ayi-100 noma ngaphezulu Lapho kwenzeka leyo ntuthuko - (a) Ngaphakathi komsele wamanzi; noma (d) Ngaphakathi kwamamitha angama-32 omsele wamanzi, kulinganiswa ukusuka emaphethelweni omsele wamanzi
	19	Ukugcwaliswa noma ukufakwa kwanoma iyiphi into engaphezu kuka-10 cubic metres, noma ukugwiliswa, ukumba, ukususwa noma ukuhanjiswa kwenhlabathi, isihlabathi, amagobolondo, amagobolondo egobolondo, amatshe amatshe noma idwala elingaphezu kwamamitha-cubic ayi-10 ukusuka emseleni wamanzi.
	31	Ukupheliswa kwezikhungo, izakhiwo noma izingqalasizinda ezikhona (iv) noma yimuphi umsebenzi ohlukanisiwe noma imisebenzi yokuthuthuka nomsebenzi wokusebenza ohlobene noma ukunwetshwa noma imisebenzi yokusebenza ehlobene efakwe kuhlu kulesi Saziso noma kuLuhlu Lwesaziso 3 luka-2014;

Intuthuko ehlongozwayo izocupha inqubo yoMbiko Wokuhlola Okuyisisekelo.

Eminye Imisebenzi Esohlwini ngaphansi Kohlu Lwezaziso 1 eyanyatheliswa Kuzaziso Zikahulumeni No. R. 327 no-325, ingahle idale intuthuko ehlongozwayo, kodwa-ke, lokhu kuzoqinisekiswa ngesikhathi senqubo yokuhlola.

UMnyango Wezokuthuthukiswa Komnotho Nezokuvakasha KwaZulu-Natali yiSiphathimandla Esinekhono esizobheka le mibiko yokuhlolwa komthelela wezemvelo.

**Ukuphathwa Kwezemvelo Kuzwelonke: Umthetho Wokungcola (2008)**

Umthetho Kazwelonke Wokuphathwa Kwezemvelo: Umthetho Wokungcola (2008) ungumkhqizo Wecebo Likazwelonke Lokuphathwa Kwemfucuzwa kanye nePhepha Elimhlophe Eliphathelene Nokulawulwa Kokungcola Okudidiyelwe kanye Nemfucuzwa (IPWM). Kubeka uhlaka lokuphathwa kwemfucuzwa okuhlangene ezweni lonke. Izinqubomgomo nemithetho yesikhathi esizayo izodinga ukulandela imibandela yayo futhi ngenxa yalokho iyoba njengomthetho obalulekile.

Lo Mthetho wenza ukusebenza komthetho esigungwini sokuphathwa kwemfucuzwa futhi uNgqongqoshe unelungelo lokubeka imigomo nezinhlalo zokunciphisa imfucuzwa. Okubaluleke kakhulu ukuthi umthetho uhlose ukuqinisekisa ukuncishiswa kwemithombo yemvelo futhi ngaleyo ndlela ukhuthaze imikhuba esimeme enkundleni yokulawulwa kwemfucuzwa. Ngakho-ke ikhuthaza futhi iphoqelele ukuvikelwa okungcolisiwe nokucekela phansi kwemvelo. Lo Mthetho uzofinyelela ekubikeni okuphathelene nokulawulwa kwemfucuzwa kanye nokunikezwa kwelaysense ngqo kwezikhungo zokulawulwa kwemfucuzwa.

Isigaba 19 sibhekisa emisebenzini ebhalwe ohlwini yokuphathwa kwemfucuzwa (LWMA) Isaziso sikaHulumeni esinguNombolo 718 somhla zi-3 kuJulayi 2009 sibala imisebenzi yokuphathwa kwemfucuzwa enemiphumela noma engaba nomthelela omubi emvelweni. Imisebenzi yesigaba A yilezo ze-LWMA ezidinga ukuhlolwa okuyisisekelo njengoba kubekiwe emithethweni ye-EIA eyenziwe ngaphansi kwesigaba 24 (5) se-NEMA (1998) njengengxenywe yenqubo yokufaka isicelo selaysense yokuphathwa kwemfucuzwa.

Ngokuya ngemininingwane etholakalayo njengamanje, akukho sicelo selaysense lokulawulwa kwemfucuzwa esizodingeka kulokhu kuthuthukiswa okuhlongozwayo.

**Isigaba 21 soMthetho Kazwelonke Wamanzi (uMthetho wama-36 ka-1998)**

Inhloso yoMthetho Kazwelonke Wamanzi (1998) ukuqinisekisa ukuthi imithombo yesizwe yamanzi iyavikelwa, ithuthukiswe, iyagcinwa, iphathwe futhi ilawulwe.

I-NWA ichaza ukusetshenziswa kwamanzi okuyishumi nanye (11) okudliwayo nokungasebenzisi:

- k. Ukuthatha amanzi emthonjeni wamanzi;
- l. Ukugcina amanzi;
- m. Ukunciphisa noma ukuphambukisa ukugeleza kwamanzi emfuleni;
- n. Ukwenza umsebenzi wokunciphisa ukugeleza kokusakaza;
- o. Ukwenza umsebenzi olawulwayo;
- p. Ukukhipha imfucuzwa noma amanzi aqukethe imfucuzwa kwimithombo yamanzi ngepayipi, umsele, indle noma omunye umsele;
- q. Ukulahlwa kukadoti ngendlela engalimaza umthombo wamanzi;
- r. Ukulahlwa nganoma iyiphi indlela yamanzi equkethe imfucuzwa evela, noma efudunyezwe, kunoma iyiphi inqubo yezimboni noma yokukhiqiza ugesi;
- s. (Ukushintsha umbhede, amabhange, inkambo noma izici zomsele wamanzi);
- t. (Ukususa, ukukhipha noma ukulahlwa amanzi atholakala ngaphansi komhlaba uma kunesidingo ukuze umsebenzi uqhubeke kahle noma ukuphepha kwabantu.

Uyacelwa ukuthi ubheke ngezansi uhlu lwezicelo zamalaysense okusebenzisa amanzi ezingasetshenziswa ekuthuthukisweni okuhlongozwayo kwe culvert:

**Table 2: Section 21 Water Use Applications**

UKUSETSHENZISWA KWAMANZI OKUSEBENZISAYO	INCAZELO YAMANZI
Section 21 (a)	Ukuthatha amanzi emthonjeni wamanzi.
Section 21 (c)	Ukunciphisa noma ukuphambukisa ukugeleza kwamanzi emfuleni.
Section 21 (i)	Ukushintsha umbhede, amabhange, inkambo noma izici zomsele wamanzi.

Umhlangano wangaphambi kokubonisana nezikhulu ezivela eHhovisi Lesifunda loMnyango Wezamanzi Nokuthuthwa Kwendle kanye ne-Afzelia Environmental Consultants (Pty) Ltd uzoqinisekisa amalaysense okusetshenziswa kwamanzi asebenzayo ekuvuseleleni okuhlongozwayo kwe culvert.

#### 8. INQUBO YOKUBAMBA IQHAZA KOMPHAKATHI (PPP)

I-PPP iyingqubo lapho ababambiqhaza nama-I & AP benikezwa khona ithuba lokuphawula noma lokuphakamisa izindaba ezihambisana nentuthuko ehlongozwayo yezindlu kanye / noma nenqubo ye-EIA. Ababambiqhaza nama-I & AP bayamenywa futhi bayanuswa:

- Phendula (ngocingo, ifeksi, i-imeyili noma i-imeyili) esimemweni sokubamba iqhaza kwi-PPP;
- Gcwalisa uphinde uthumele (ngeposi, ngefeksi noma nge-imeyili) ifomu lokubhalisa nelokuphawula elinamathiselwe ku-Afzelia Environmental Consultants (Pty) Ltd;
- Thintana noMsebenzi Wokuhlolwa Kwezemvelo (EAP) maqondana nanoma yimuphi umbuzo, ukuphawula noma isicelo sokuthola eminye imininingwane yeprojekthi; futhi
- Buyekeza okusalungiswa kanye nemibiko yokugcina yokuHlola Okuyisisekelo ngaphakathi kwezikhathi zomthetho zokubuyekeza ezizobekwa ezikhangisweni, kanye nama-imeyili ezaziso, izincwadi kanye nefeksi.

#### 9. IZIBOPHO ZE-I & AP

Ama-I & AP anelungelo lokubamba iqhaza kule nqubo ngokucela eminye imininingwane noma ngokwazisa umxhumanisi ngezinto ezikhathazayo ngokuphathelene nemvelo maqondana nomsebenzi. Ukuze ubambe iqhaza kwinqubo ye-EIA, i-I & AP kufanele:

- Bhalisa kusizindalwazi seprojekthi ukuze uthole imininingwane ephelile mayelana nenqubo ye-EIA (Bheka iSithasiselo 1);

- Yazisa noma yimaphi amanye amaqembu (omakhelwane, abangani, osebenza nabo, njll.) Abangaba nentshisekelo kanye / noma abathintekayo kuphrojekthi mayelana nenqubo ye-EIA futhi bakhuthaze ukubamba iqhaza nokubamba iqhaza;
- Qinisekisa ukuthi noma ikuphi ukuphawula mayelana nephrojekthi kufakwa ngezikhathi ezibekiwe ezivunyiwe noma ezibekwe yiziphathimandla, noma kunoma ikuphi ukunwetshwa kwesikhathi esibekiwe esivunyelwe iziphathimandla kanye nomfakisicelo; futhi
- Ukudalula noma iyiphi intshisekelo yebhizinisi, yezezimali, eyomuntu siqu noma enye ekuvunyelweni noma ekwenqatshweni kwesicelo seprojekthi.

#### 10. IZIBOPHO ZOMBONELELI WE-PPP

Ngokwemigomo ye-EIA, uMxhumanisi wePPP unale misebenzi elandelayo:

- Ukubandakanya ababambiqhaza abakhulu, Isiphathimandla Esinekhono nama-I & AP;
- Ukunikezela ngemininingwane eyanele mayelana nephrojekthi kanye nemithelela ehambisana nayo
- Ukuqinisekisa ukuthi zonke izingqinamba eziphakanyisiwe ziyarekhodwa futhi zithunyelwe kochwepheshe bezemvelo ukuze bazibheke ezifundweni zabo zomthelela; futhi
- Ukwenza lula inqubo esobala.

Ukhonjwe njenge-I & AP engaba khona kule nqubo ngakho-ke uyamenywa ukuba ubambe iqhaza kuphrojekthi ngokubhalisa. Ukuphawula kwakho kuzoqinisekisa ukuthi zonke izindaba ezifanele ziyabhalwa futhi ziyacatshangelwa futhi zizosiza ekuthathweni kwezinqumo ezinolwazi yiziphathimandla ezifanele.

Uma kwenzeka ufisa ukubhalisa njenge-I & AP kanye / noma ukuthola eminye imininingwane ephathelene nomsebenzi, uyacelwa ukuthi ugcwalise ifomu lokubhalisa, ekhasini 05 ne-imeyili, ngeposi noma ngesandla uillethe ku-Afzelia Environmental Consultants (Pty) Ltd kuleli kheli elilandelayo:

**Ms Rivani Maharaj and / Mr Isaiah Varathan at Afzelia Environmental Consultants (Pty) Ltd,**

**Ikheli Leposi: P.O BOX 37069, Overport, 4067**

**Ikheli Lendawo: First Floor, 236 9<sup>th</sup> Avenue, Morningside, Durban, 4001.**

**Izinombolo zocingo: 031 303 2835**

**Ama-imeyili: [rivani@afzelia.co.za](mailto:rivani@afzelia.co.za) or [isaiah@afzelia.co.za](mailto:isaiah@afzelia.co.za)**

**Simema bonke ababambiqhaza nama-I & APs ukuthi babambe iqhaza ngokukhululeka futhi bathumele noma yimiphi imibono noma imininingwane obona ukuthi ingasiza.**

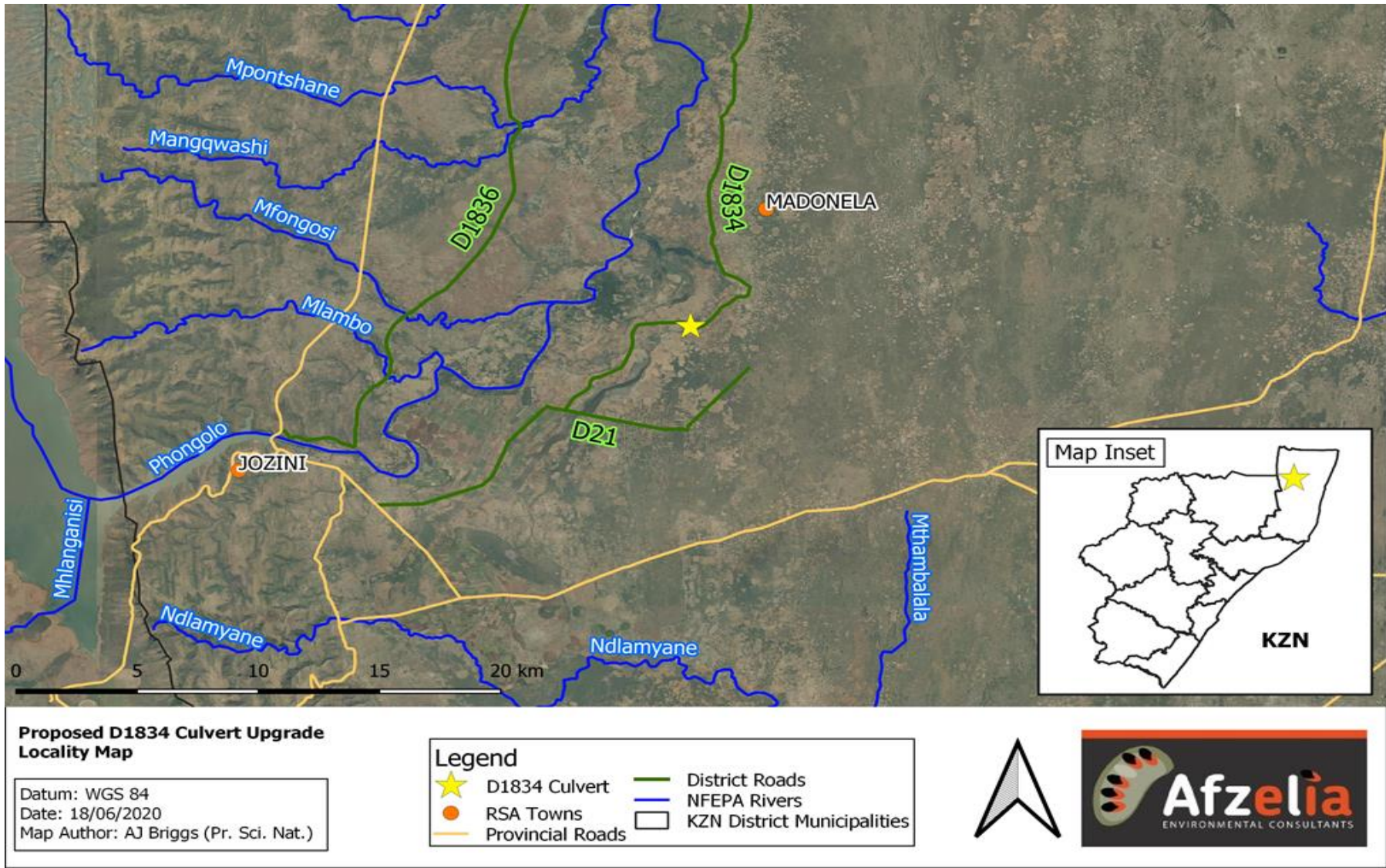
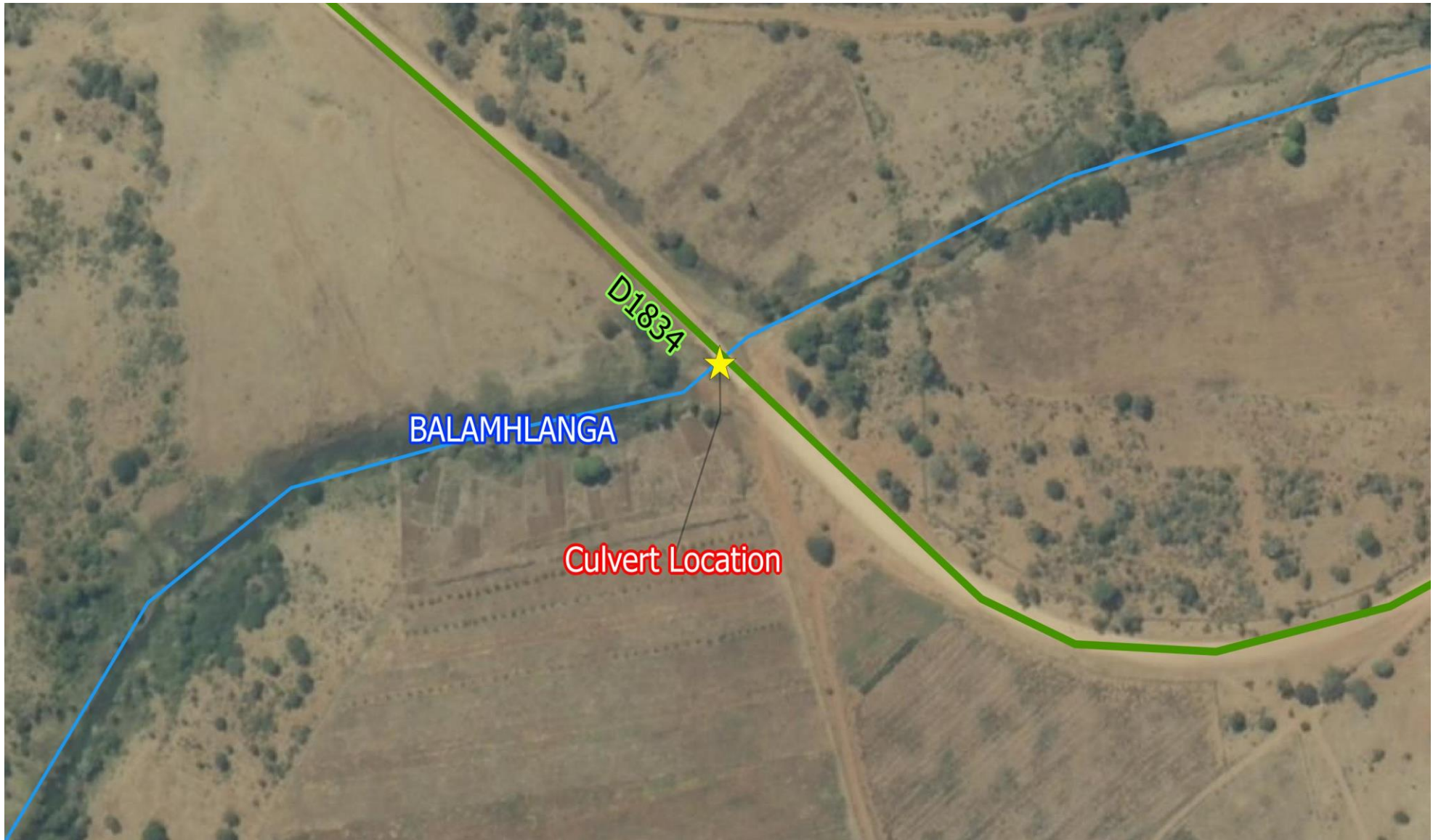


Figure 1: Location of the proposed culvert upgrade within the Jozini Local Municipality, KZN.





**Figure 2: Location of Proposed Development Site**



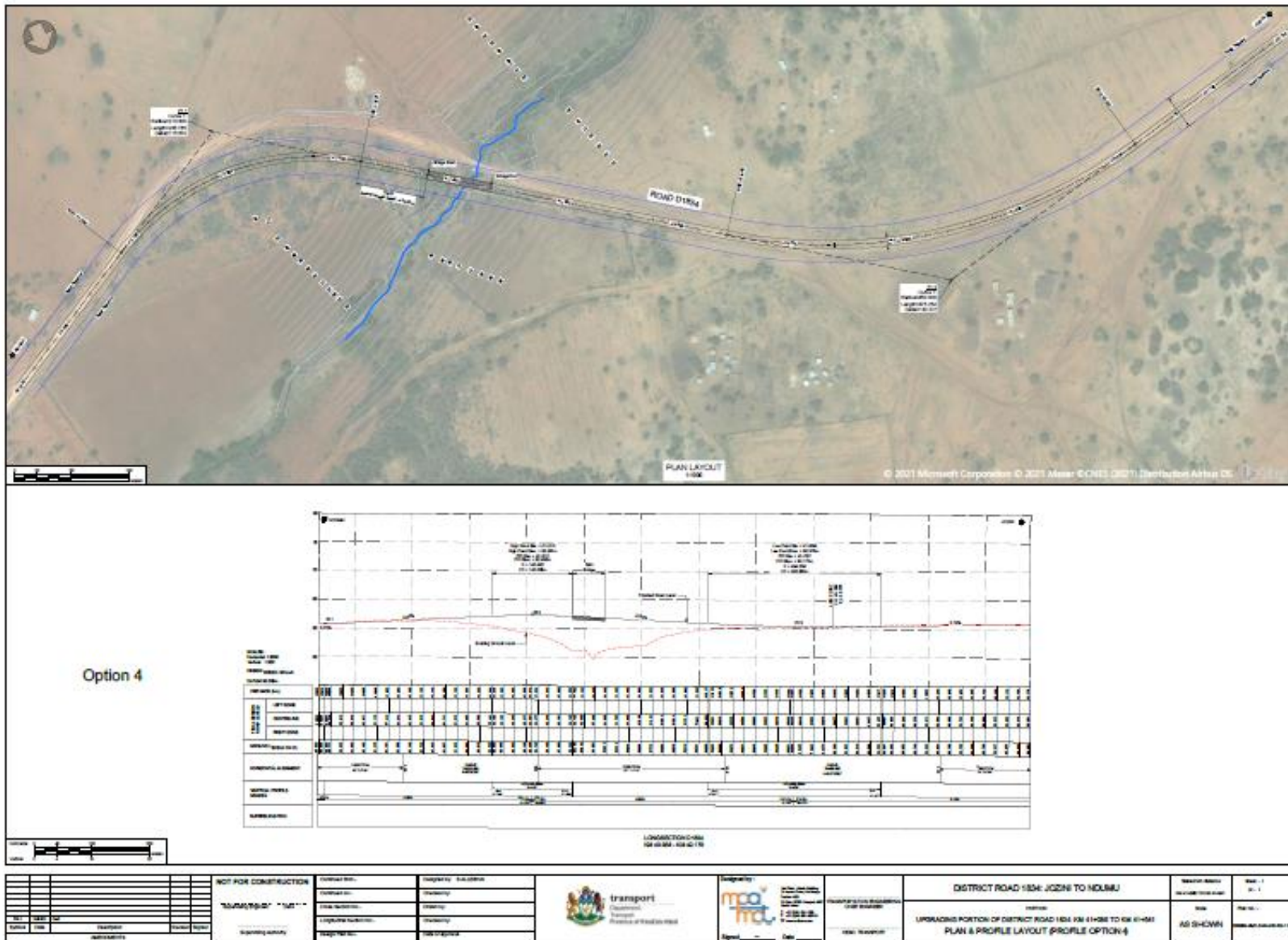


Figure 3: Plan and Profile Layout

