

**Moscow IAP Register**

Name	Surname	Organisation	Tel	Fax	Cell	Email	Physical Address
<b>DETEA: South Region</b>							
Mavis	Padayachee	EDTEA	(033) 343 8428			mavis.padayachee@kzndae.gov.za	A Block 4 Pin Oak Hilton
Natasha	Brijlal	EDTEA	(031) 328 9328		079 898 0491	natasha.brijlal@kzndard.gov.za	Private Bag X54321 DBN 4001
<b>Client</b>							
Mischen	Naicker	Nankhoo Engineers	(031) 536 8310	086 516 2332		mischen@nadbn.co.za	
Avi-Nash	Sukuram	Nankhoo Engineers	(031) 536 8310	086 516 2332		avi-nash@nadbn.co.za	
Ismail	Kajee	Nankhoo Engineers	(031) 536 8310	086 516 2332		ismail@nadbn.co.za	
<b>Municipalities</b>							
Shoni	Makhwedzha	Ethekwini Municipality: Development Planning, Environment & Ma	(031) 311 7919	(031) 311 7134		shoni.makhwedzha@durban.gov.za	166 K.E. Masinga Road, Durban, 4001
Lydia Nondumiso	Ndlovu	Ethekwini Ward Councillor: Ward 59	(031) 336 8700		719 512 226	nondumiso.Ndlovu@durban.gov.za	
<b>Ezemvelo KZN Wildlife</b>							
Andy	Blackmore	Ezemvelo KZN Wildlife	033 845 1349	033 845 1499		Andy.Blackmore@kznwildlife.com	Ezemvelo KZN Wildlife, Queen Elizabeth Park, 1 P
Dominic	Weiners	Ezemvelo KZN Wildlife	033 845 1349	033 845 1499		eia@kznwildlife.com	Ezemvelo KZN Wildlife, Queen Elizabeth Park, 1 P
<b>Department of Transport</b>							
Michéle	Schmid	DoT: Engineering Technician	(033) 355 0581	(033) 342 3962	082 902 0120	michele.schmid@kzntransport.gov.za	224 Prince Alfred Street PMB 3201
Judy	Reddy	Department of Transport: Administrative	(033) 355 8600			Judy.Reddy@Kzntransport.gov.za	224 Prince Alfred Street PMB 3201
<b>Department of Water Affairs</b>							
Strini	Governder	Department of Water Affairs: Water Quality Management	031 336 2700	031 305 9915	082 885 9665	govenderS2@dwa.gov.za	SouthernLife Building 88 Joe Slovo Street Durban
NM.	Mokoena	Department of Water Affairs: Water Quality Management	031 336 2758	031 305 9915		mokoenan@dwa.gov.za	SouthernLife Building 88 Joe Slovo Street Durban
Khethiwe	Methula	Department of Water Affairs: Water Quality Management	031 336 2765	031 305 9915	078 473 9972	Methulak@dwa.gov.za	SouthernLife Building 88 Joe Slovo Street Durban
<b>Other IAPs</b>							
Martin	de Lange	Department of Cooperative Governance and Traditional Affairs	(033) 355 6472	(033) 355 6425		martin.delange@kznlgta.gov.za	2nd floor, Southern Life Plaza, 271 Church Street
Gabi	Gumbi-Masilela	Department of Human Settlement (Head of Dept)	(033) 392 6425	333926454		gabi.gumbi-masilela@kznhousing.gov.za	203 Church Street 3rd Floor Pietermaritzburg
Bernadet	Pawandiwa	AMAFA KwaZulu-Natali / SAHRIS	(033) 394 6543	(033) 342 6097		bernadetp@amafapmb.co.za	
<b>Library</b>							
Maria	Govender	Trenance Park Public Library	032 - 535 7080			eml78@durban.gov.za	12 Cottonwood Drive, Trenance Park

Dear Interested and Affected Party (IAP)

**PROPOSED UPGRADING OF THREE ROADS, WARD 59: MOSCOW COMMUNITY, PHOENIX, ETHEKWINI METROPOLITAN, KWAZULU-NATAL**

Terratest (Pty) Ltd has been appointed by Nankhoo Engineers (Pty) Ltd, on behalf of the EThekwini Metropolitan, to undertake the environmental services required for the proposed upgrading of three existing gravel roads located within Ward 59: Moscow Community, Phoenix, EThekwini Metropolitan, KwaZulu-Natal. The Moscow Community consists largely of informal and semi-rural settlements. Very little formal infrastructure exists to provide basic services to the community. The existing gravel roads vary in length from 230m – 590m. All existing gravel roads cross watercourses.

The upgrading of the roads is part of a larger project being undertaken by the EThekwini Metropolitan whereby multiple, existing gravel roads in various wards of the Metropolitan are being formally upgraded. Several of the roads initially identified by the EThekwini Metropolitan for upgrading do not require Environmental Authorisation prior to construction, as they do not trigger any of the Listed Activities as noted in the Environmental Impact Assessment (EIA) Regulations (2014). An Environmental Management Programme (EMPr), specific to each road, has however been drafted, submitted and approved by the EThekwini Metropolitan's Environmental Planning and Climate Protection Department, prior to construction commencing.

In terms of this Application, three roads have been identified which require Environmental Authorisation prior to upgrading as their respective alignments cross watercourses. In accordance with the National Environmental Management Act (Act 107 of 1998) and the EIA Regulations (2014), the following Listed Activities are triggered given that each road will intercept at least one watercourse:

- GNR 982 – Item 12: *“The development of (iii) bridges exceeding 100m<sup>2</sup> in size; (vi) bulk storm water outlet structures exceeding 100m<sup>2</sup> in size; (xii) infrastructure or structures with a physical footprint of 100m<sup>2</sup> or more; where such development occurs (a) within a watercourse; (b) in front of the development setback; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.”*
  - Watercourses are present on site which bisect Roads 1, 2 & 3. The existing gravel crossings are informal and will require upgrading.
- GNR 983 - Item 19: *“The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from (i) a watercourse.”*
  - Watercourses are present on site which bisect Roads 1, 2 & 3. The existing gravel crossings are informal and will require upgrading, which will necessitate the movement of 5m<sup>3</sup> or more into or from a watercourse.

- GNR 983 - Item 48: *“The expansion of (iii) bridges where the bridge is expanded by 100m<sup>2</sup> or more in size; bulk storm water outlet structures where the bulk storm water outlet structure is expanded by 100m<sup>2</sup> or more in size where such expansion or expansion and related operation occurs (a) within a watercourse; (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse excluding (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.”*
  - Watercourses are present on site which bisect Roads 1, 2, & 3. The crossings are informal and will require upgrading.
  
- GNR 983 - Item 49: *“The expansion of (v) infrastructure or structures where the physical footprint is expanded by 100m<sup>2</sup> or more; where such expansion or expansion and related operation occurs (a) within a watercourse; (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse excluding (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.”*
  - Watercourses are present on site which bisect Roads 1, 2, & 3. The crossings are informal and will require upgrading.

The proposed upgrade will consist of blacktop surfacing three existing gravel roads in Ward 59, EThekwini Metropolitan. The proposed roads will be surfaced to a 3 – 3.5 metre blacktop deck with formalised stormwater drainage and management systems being installed where necessary. The location and length of the proposed upgrades are noted in Table 1. A Locality Map is provided as Appendix 1.

**TABLE 1: LOCATION AND LENGTH**

	START POINT		END POINT		LENGTH
	LATITUDE (S):	LONGITUDE (E):	LATITUDE (S):	LONGITUDE (E):	
<b>ROAD 1</b>	29°40'16.882"S	30°59'43.793"E	29°40'15.977"S	30°59'55.814"E	390m
<b>ROAD 2</b>	29°40'15.072"S	31°0'7.074"E	29°40'8.919"S	31°0'3.597"E	230m
<b>ROAD 3</b>	29°39'57.574"S	30°59'45.973"E	29°39'51.976"S	30°59'55.629"E	590m

Your Department has been identified as a Key Stakeholder in this Basic Assessment Process and as such will be sent a copy of the Draft Basic Assessment Report for review and comment once complete. Further, all Interested and Affected Parties (IAPs) are invited to register in the BA Process and be kept informed of progress, as and when, developments occur. In this regard, please provide the EAP with your contact details, including name, surname, contact telephone and fax number, email address and reason for interest in the BA Process, as is provided in the attached IAP Registration Form (Appendix 2). It is important that all IAPs register in the process in order to be notified.

Yours sincerely,



**Liz Dralle**

**FOR: Terratest (Pty) Ltd**

## APPENDIX 1: LOCALITY MAP



**Ward 59 - Moscow**

Site Map

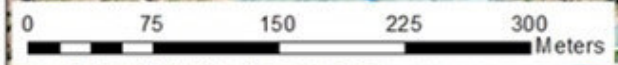
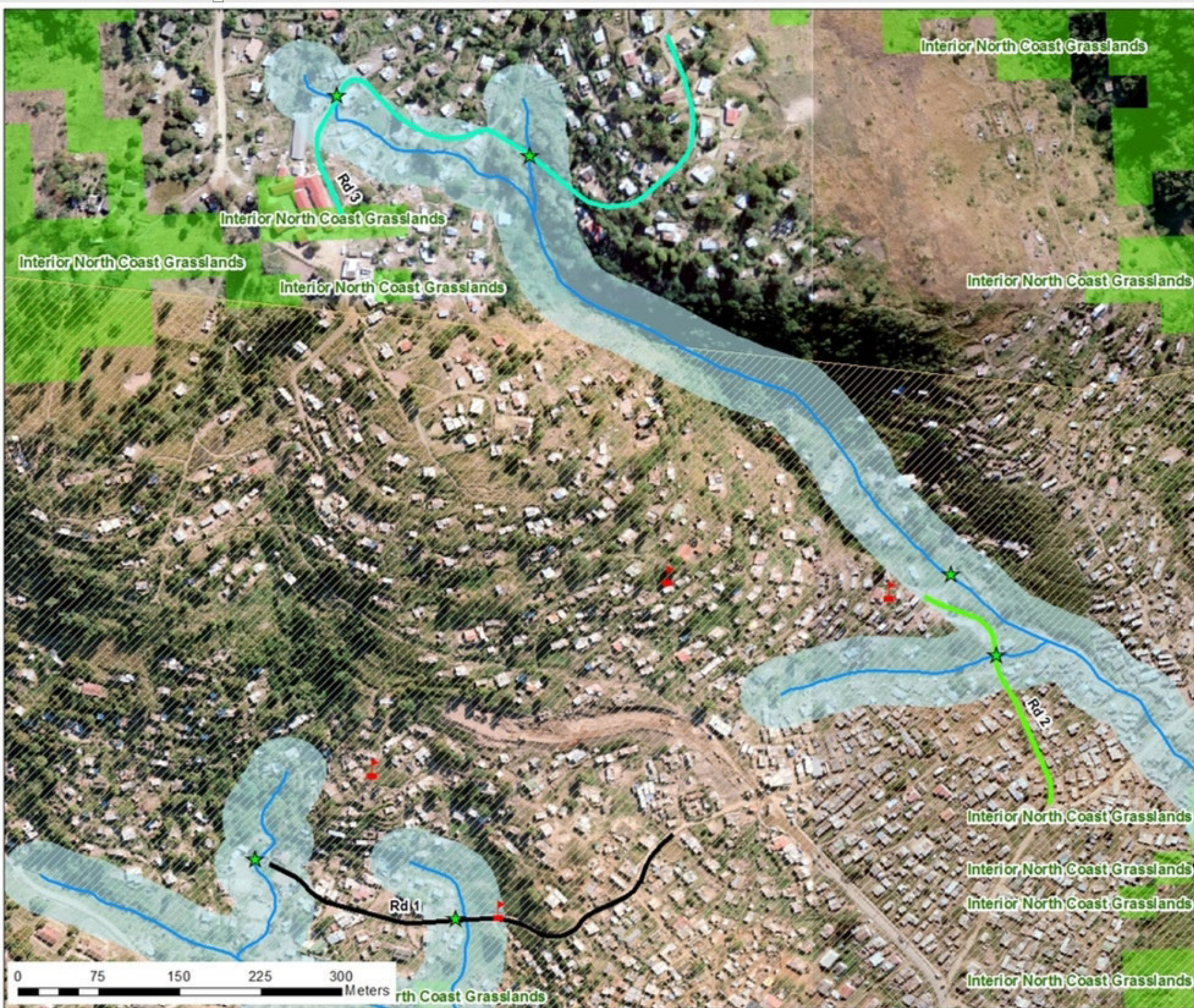
Scale 1: 3 250 (A3)



Date: 08/6/2016


**Legend**

- Watercourse Crossings
  - Graves
  - Watercourses
  - Watercourses 32m Buffer
  - Urban Edge
  - Crit & End Ecosystems
- Ward 59 - Moscow**
- Road 1
  - Road 2
  - Road 3





## APPENDIX 2: IAP REGISTRATION FORM

<b>PROPOSED UPGRADING OF THREE ROADS, WARD 59: MOSCOW COMMUNITY, PHOENIX, ETHEKWINI METROPOLITAN, KWAZULU-NATAL</b>			
<b>Reference No. 41467_MOSCOW</b>			
<b>COMPLETE AND RETURN TO THE DESIGNATED EAP (i.e. Ms Liz Dralle):</b>		Ms Liz Dralle Terratest (Pty) Ltd PO Box 794, Hilton 3245 Tel: (033) 343 6789 Fax: (033) 343 6701 Email: drallel@terratest.co.za	
<b>NAME OF IAP:</b>			
<b>CONTACT NUMBER:</b>			
<b>FAX NUMBER:</b>			
<b>EMAIL ADDRESS:</b>			
<b>POSTAL ADDRESS:</b>			
<b>Reason for interest in the proposed project:</b>			
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<b>OTHER IAPS THAT SHOULD BE CONTACTED WITH REGARDS TO THIS PROJECT:</b>			
<b>Name:</b>		<b>Name:</b>	
<b>Contact Number:</b>		<b>Contact Number:</b>	
<b>Email Address:</b>		<b>Email Address:</b>	