

APPENDIX C

AMENDED APPLICATION FORMS



water & sanitation

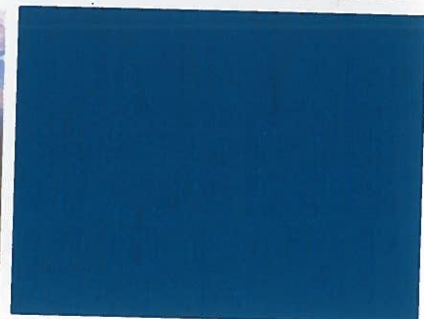
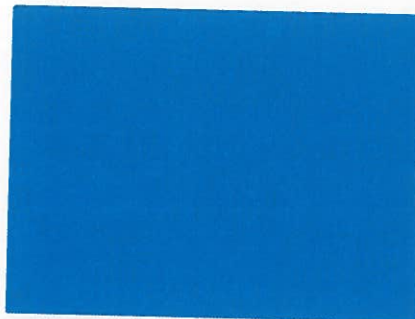
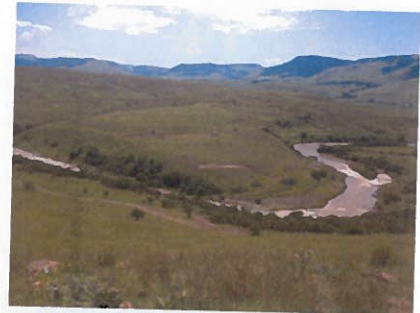
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

THE UMKHOMAZI WATER PROJECT PHASE 1 – RAW WATER COMPONENT

WATER CONVEYANCE INFRASTRUCTURE

**APPLICATION FOR AUTHORISATION IN TERMS OF THE NATIONAL
ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998), AS AMENDED
AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010**

September 2015



P.O. BOX 1673
SUNNINGHILL
2157

147 Bram Fischer Drive
FERNDALE
2194

Tel: 011 781 1730
Fax: 011 781 1731
Email: info@nemai.co.za



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

The uMkhomazi Water Project Phase 1: Raw Water Component – Water Conveyance Infrastructure

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
9. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report must also be submitted.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268
Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.deat.gov.za/> for the latest version of the documents.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

<i>Refer to Appendix 3 for a list of the properties affected by the uMWP-1 Raw Water infrastructure.</i>																					

(if there are more than 6, please attach a list with the rest of the numbers)
(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT TITLE

The uMkhomazi Water Project Phase 1: Raw Water Component – Water Conveyance Infrastructure

1. BACKGROUND INFORMATION

Project applicant:	Department of Water and Sanitation		
Trading name (if any):	-		
Contact person:	Kobus Bester		
Physical address:	185 Frances Baard Street, Sedibeng Building, Pretoria		
Postal address:	Private Bag X313, PRETORIA		
Postal code:	0001	Cell:	084 517 5560
Telephone:	012 336 8071	Fax:	012 336 7399
E-mail:	BesterK@dwa.gov.za		

Provincial Authority:	Refer to Appendix 4 for a list of the relevant government departments		
Contact person:	[REDACTED]		
Postal address:	[REDACTED]		
Postal code:	[REDACTED]	Cell:	[REDACTED]
Telephone:	[REDACTED]	Fax:	[REDACTED]
E-mail:	[REDACTED]		

Landowner:	Refer to Appendix 3 for a list of the landowners		
Contact person:	[REDACTED]		
Postal address:	[REDACTED]		
Postal code:	[REDACTED]	Cell:	[REDACTED]
Telephone:	[REDACTED]	Fax:	[REDACTED]
E-mail:	[REDACTED]		

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Note: The western portion of the project area, including Smithfield Dam and the first \pm 21 km of the tunnel, falls under Traditional Authority and state land. The area is characterised by traditional homestead settlements and rural subsistence agriculture. The eastern part of the project area, which includes the remaining part of the tunnel (\pm 13 km), balancing dam and raw water pipeline, is privately owned and predominantly used for commercial farming and forestry. DWS will need to acquire the land earmarked for the project implementation. In terms of regulation 54(5) of Government Notice No. R543, the project sought a deviation from regulation 12(2)(b)(i), which stipulates that proof of written notification to the landowner / person in control of the land must be submitted with the Application Form. As part of the EIA, public participation will be conducted in accordance with regulation 54 of Government Notice No. R 543, which will include formal written notification of all affected landowners / person(s) in control of land. The contact details associated with the affected properties will be provided in the Scoping Report.

Local authority in whose jurisdiction the proposed activity will fall:

1. Harry Gwala District Municipality (Ingwe Local Municipality); and
2. uMgungundlovu District Municipality (Richmond Local Municipality and Mkhambathini Local Municipality).

Nearest town or districts:
 Contact person:
 Postal address:
 Postal code:
 Telephone:
 E-mail:

Bulwer, Richmond & Boston	
Refer to Appendix 4 for a list of the relevant government departments	
Cell:	
Fax:	

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

Refer to Appendix 4

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

2.1 For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Describe each listed activity as per project description ¹ :
544, 18 June 2010	9	Bulk water infrastructure associated with Water Conveyance Infrastructure
544, 18 June 2010	10	The exact dimensions and power throughput of the sub-stations that are assumed to be required for the pump-stations related to the dams, pipelines and/or tunnel at the various sites of the project, are not yet finalised. It is, however, assumed that they could trigger this activity threshold (i.e. over 33 kV).
544, 18 June 2010	11	<ul style="list-style-type: none"> A number of watercourses could be impacted on by this development. The extent and significance of this impact will be determined through the EIA process. Tributaries of the uMkhomazi and uMlaza Rivers may be modified by (a) crossings associated with the Water Conveyance Infrastructure (e.g. pipeline crossings, access road crossings, culverts, footprints of infrastructure intruding into the floodplain / 32 m buffer area along watercourses, tunnel related infrastructure at entrance and exit points, etc.).
544, 18 June 2010	13	"Dangerous goods" that are likely to be associated with the greater project, are fuel stores for generators at the various pumping station sites, as well as any such goods used during the construction phase.
544, 18 June 2010	18	The uMkhomazi and uMlaza Rivers will be affected during the construction of the Water Conveyance Infrastructure.
544, 18 June 2010	22	Access roads to the various sites (tunnel portals, spoil areas, etc.).
544, 18 June 2010	23	<ul style="list-style-type: none"> Significant areas to be affected by tunnel portals. Operator housing / offices and fencing to be built.
544, 18 June 2010	24	Operator housing / offices and fencing to be built.
544, 18 June 2010	26	Given the sheer size of the area impacted on by the proposed project the potential to impact on a species of biodiversity importance, as well as areas that show a combination of biodiversity relevant factors, is highly probable.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

544, 18 June 2010	39	Existing infrastructure not specifically related to the project may be impacted on by the proposed development, such as the possible upgrading of existing road bridges and other infrastructure within 32m of a watercourse.
544, 18 June 2010	40	Existing infrastructure not specifically related to the project may be impacted on by the proposed development.
544, 18 June 2010	47	Widening or lengthening of existing roads to create access roads.
544, 18 June 2010	56	Possible phased activities that may collectively trigger this listed activity.
545, 18 June 2010	10	Water is transferred from the uMkhomazi River (from Smithfield Dam) to the Umlaas Road reservoir at a rate of 8.65m ³ /s.
545, 18 June 2010	15	Significant areas to be affected by tunnel portals.
546, 18 June 2010	2(a)(iii)	Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	4(a)(ii)	Access roads to the various sites (tunnel portals, spoil areas, etc.), which may be located in areas that are deemed to be important from a biodiversity perspective.
546, 18 June 2010	10(a)(ii)	Temporary storage of dangerous goods (e.g. fuel) during the construction phase. Possible occurrence of sensitive biodiversity features in the project area.
546, 18 June 2010	12	Construction activities will involve extensive clearance of vegetation (300 square metres or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	13	Construction activities will involve extensive clearance of vegetation (1 hectare or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	14	Construction activities will involve extensive clearance of vegetation (5 hectares or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	16(a)(ii)	Construction of infrastructure within watercourse. Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	19(a)(ii)	Access roads to the various sites (tunnel portals, spoil areas, etc.), which may be located in areas that are deemed to be important from a biodiversity perspective.
546, 18 June 2010	24(a)(ii)	Construction of infrastructure within watercourse. Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	26	Possible phased activities that may collectively trigger this listed activity.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1 National Environmental Management: Waste Act

Yes/No

3.1.2 National Environmental Management: Air Quality Act

Yes/No

- | | |
|--|---------|
| 3.1.3 National Environmental Management: Protected Areas Act | Yes/No |
| 3.1.4 National Environmental Management: Biodiversity Act | Yes*/No |
| 3.1.5 Mineral Petroleum Development Resources Act | Yes/No |
| 3.1.6 National Water Act | Yes/No |
| 3.1.7 National Heritage Resources Act | Yes/No |
| 3.1.8 Other (please specify) | Yes/No* |

** To be determined during EIA process.*

- | | |
|---|--------|
| 3.2 Have such applications been lodged already? | Yes/No |
|---|--------|

4. DECLARATIONS

4.1 The Applicant

I, JA Bester, declare that I -

- am, or represent², the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner³;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.



Signature of the applicant⁴/ Signature on behalf of the applicant:

DEPARTMENT OF WATER AND SANITATION

Name of company (if applicable):

16/09/2015

Date:

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

PART E: LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Proof of Payment		N/A
Appendix 2	Strategic Infrastructure Projects	YES	
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.	YES	
Appendix 4	List of Organs of State and applicable authorities (with contact details)	YES	
Appendix 5	Project map	YES	
Appendix 6	List of SGIDs	YES	
Appendix 7	Project schedule	YES	
Appendix 8	Declaration of EAP	YES	

APPENDIX 1: PROOF OF PAYMENT/MOTIVATION FOR EXCLUSION

Not Applicable, as applicant is a National Department

APPENDIX 2: STRATEGIC INFRASTRUCTURE PROJECTS

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- Unlock mineral resources
- Rail, water pipelines, energy generation and transmission infrastructure
- Thousands of direct jobs across the areas unlocked
- Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project
- Rail capacity to Mpumalanga and Richards Bay
- Shift from road to rail in Mpumalanga
- Logistics corridor to connect Mpumalanga and Gauteng.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- Strengthen the logistics and transport corridor between SA's main industrial hubs
- Improve access to Durban's export and import facilities
- Integrate Free State Industrial Strategy activities into the corridor
- New port in Durban
- Aerotropolis around OR Tambo International Airport.

SIP 3: South-Eastern node & corridor development

- New dam at Mzimvubu with irrigation systems
- N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains
- Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape
- A manganese sinter (Northern Cape) and smelter (Eastern Cape)
- Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.

SIP 4: Unlocking the economic opportunities in North West Province

- Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure
- Enabling reliable supply and basic service delivery
- Facilitate development of mining, agricultural activities and tourism opportunities
- Open up beneficiation opportunities in North West Province.

SIP 5: Saldanha-Northern Cape development corridor

- Integrated rail and port expansion
- Back-of-port industrial capacity (including an IDZ)
- Strengthening maritime support capacity for oil and gas along African West Coast
- Expansion of iron ore mining production and beneficiation.

SIP 6: Integrated municipal infrastructure project

Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.

SIP 7: Integrated urban space and public transport programme

Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.

SIP 8: Green energy in support of the South African economy

Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.

Indicate capacity in MW:

SIP 9: Electricity generation to support socioeconomic development

Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.

Indicate capacity in MW:

SIP 10: Electricity transmission and distribution for all

Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development.

Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.

SIP 11: Agri-logistics and rural infrastructure

Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.

SIP 12: Revitalisation of public hospitals and other health facilities

Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.

SIP 13: National school build programme

A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.

SIP 14: Higher education infrastructure

Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.

SIP 15: Expanding access to communication technology

Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas.

While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.

The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.

SIP 17: Regional integration for African cooperation and development

Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.

The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.

All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.

SIP 18: Water and sanitation infrastructure

A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.

The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.

APPENDIX 3: LIST OF LANDOWNERS AND PROOF OF LANDOWNER NOTIFICATION

uMWP-1 RAW WATER – WATER CONVEYANCE INFRASTRUCTURE

AFFECTED PROPERTIES

The properties affected by the uMWP-1 Raw Water – Water Conveyance Infrastructure are shown below and listed in the table to follow. Note that the Scoping Report will contain further details on the affected properties and the affected landowners.

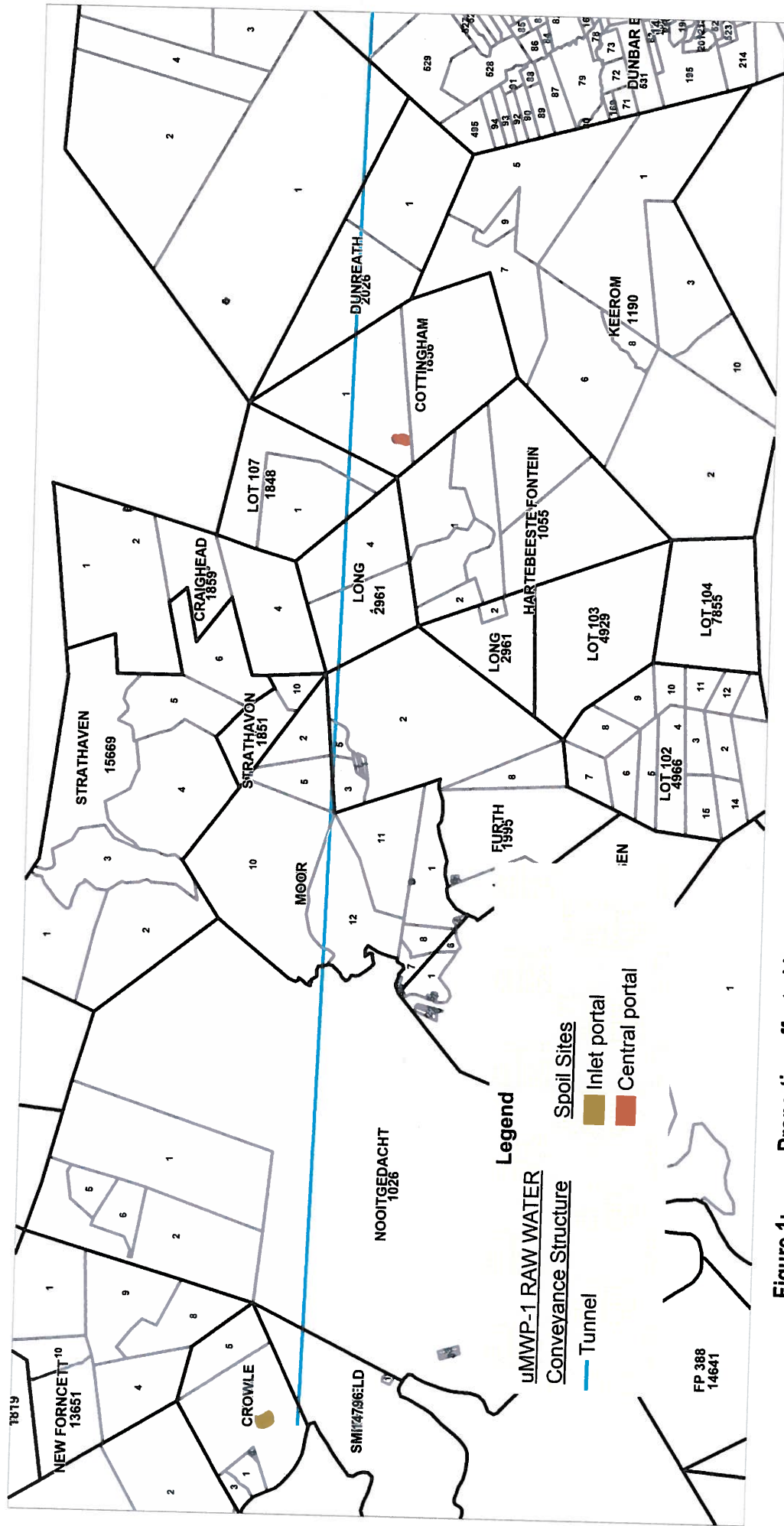


Figure 1: Properties affected by uMWP-1 Raw Water – Water Conveyance Infrastructure (Western Side)

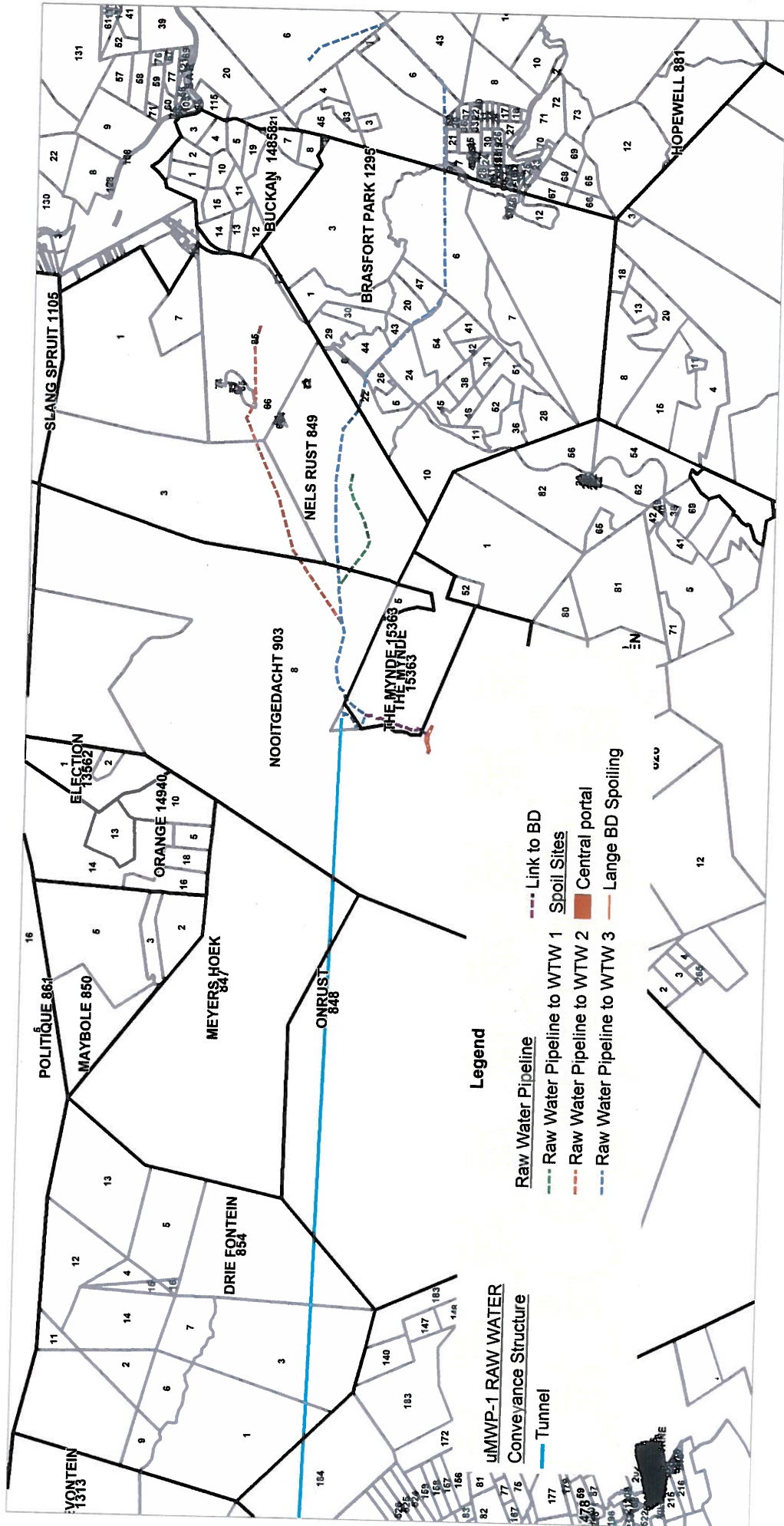


Figure 2: Properties affected by uMWP-1 Raw Water – Water Conveyance Infrastructure (Eastern Side)

TUNNEL

SG Code	Farm	Ptn	Organisation
NOFS000000022600000	Crowle 2260	0	DRD&LR
NOFS0000000147960000	Smithfield 14796	0	DRD&LR
NOFS000000010260000	Nooitgedacht 1026	0	Amaqadi Traditional Council
NOFT00000000199700010	Moor 1997	10	DRD&LR
NOFT00000000199700012	Moor 1997	12	DRD&LR
NOFT00000000199700005	Moor 1997	5	DRD&LR
NOFT00000000199700002	Moor 1997	2	DRD&LR
NOFT00000000199700011	Moor 1997	11	DRD&LR
NOFT00000000199500003	Furth 1995	3	DRD&LR
NOFT00000000199500005	Furth 1995	5	DRD&LR
NOFT00000000199500000	Furth 1995	0	DRD&LR
NOFT00000000199500002	Furth 1995	2	DRD&LR
NOFT00000000185100010	Strathavon 1851	10	DRD&LR
NOFT00000000185900004	Graighead 1859	4	DRD&LR
NOFT00000000296100001	Long 2961	1	DRD&LR
NOFT00000000296100004	Long 2961	4	DRD&LR
NOFT00000000184800001	Lot 107 1848	1	DRD&LR
NOFT00000000184800000	Lot 107 1848	0	DRD&LR
NOFT00000000185600001	Cottingham 1856	1	Dept of Public Works
NOFT00000000202600000	Dunreath 2026	0	RSA
NOFT00000000202600001	Dunreath 2026	1	RSA
NOFT00000000131300001	Sevontein 1313	1	RSA
NOFT00000000147800184	Dunbar Estate 1478	184	Carl August Seele
NOFT00000000147800529	Dunbar Estate 1478	529	Ben Albert Seele
NOFT00000000147800550	Dunbar Estate 1478	550	Ben Albert Seele
NOFT00000000085400001	Driefontein 854	1	Carl August Seele
NOFT00000000085400003	Driefontein 854	3	Carl August Seele
NOFT00000000085400000	Driefontein 854	0	Mondi Ltd
NOFT00000000084700000	Meyers Hoek 847	0	Joseph Baynes Estate (Pty) Ltd
NOFT00000000084700001	Meyers Hoek 847	1	
NOFT00000000084800000	Onrust 848	0	
NOFT00000000090300008	Nooitgedacht 903	8	
NOFT00000000090300003	Nooitgedacht 903	3	
NOFT00000000153630000	The Mynde 15363	0	Harry Antel Family Trust

RAW WATER PIPELINE – ROUTES TO WTW 1, 2 AND 3

SG Code	Farm	Ptn	Organisation
NOFT00000000090300008	Nooitgedacht 903	8	Joseph Baynes Estate (Pty) Ltd
NOFT00000000090300003	Nooitgedacht 903	3	
NOFT00000000084900000	Nels Rust 849	0	
NOFT00000000084900085	Nels Rust 849	85	
NOFT00000000084900065	Nels Rust 849	65	
NOFT00000000153630000	The Mynde 15363	0	Harry Antel Family Trust
NOFT00000000129500022	Brasfort Park 1295	22	Sitaram Farming CC

SG Code	Farm	Ptn	Organisation
NOFT00000000129500026	Brasfort Park 1295	26	Mr & Mrs Lynn
NOFT00000000129500024	Brasfort Park 1295	24	R E Gevers Family Trust-Trustees
NOFT00000000129500047	Brasfort Park 1295	47	
NOFT00000000129500020	Brasfort Park 1295	20	
NOFT00000000129500006	Brasfort Park 1295	6	William Mapstone
NOFT00000000084900085	Nels Rust 849	85	Baynesfield Club
NOFT00000000084900085	Nels Rust 849	85	Frey's Agric
NOFT00000000084900065	Nels Rust 849	65	

SPOIL SITES

- Western Portal

SG Code	Farm	Ptn	Organisation
NOFS00000000226000000	Crowle 2260	0	DRD&LR

- Central Portal

SG Code	Farm	Ptn	Organisation
NOFT00000000185600001	Cottingham 1856	1	DPW

- Langa Balancing Dam Spoiling

SG Code	Farm	Ptn	Organisation
NOFT00000000090300008	Nooitgedacht 903	8	Joseph Baynes Estate (Pty) Ltd

LANDOWNER NOTIFICATION

Exemption was sought from DEA from landowner notification during the application phase of the EIA. Although some meetings had already been convened as part of the overall Feasibility Study with key parties, which included Traditional Authorities and Baynesfield Estate, all the affected landowners had not yet been notified of the project in the application phase due to the sheer extent of the project footprint.

As part of the EIA, public participation will be conducted in accordance with regulation 54 of Government Notice No. R 543, which will include formal written notification of all affected landowners / person(s) in control of land. The contact details associated with the affected properties will be provided in the Scoping Report.

APPENDIX 4: LIST OF ORGANS OF STATE AND APPLICABLE AUTHORITIES

UMWP-1 RAW WATER

RELEVANT GOVERNMENT DEPARTMENTS

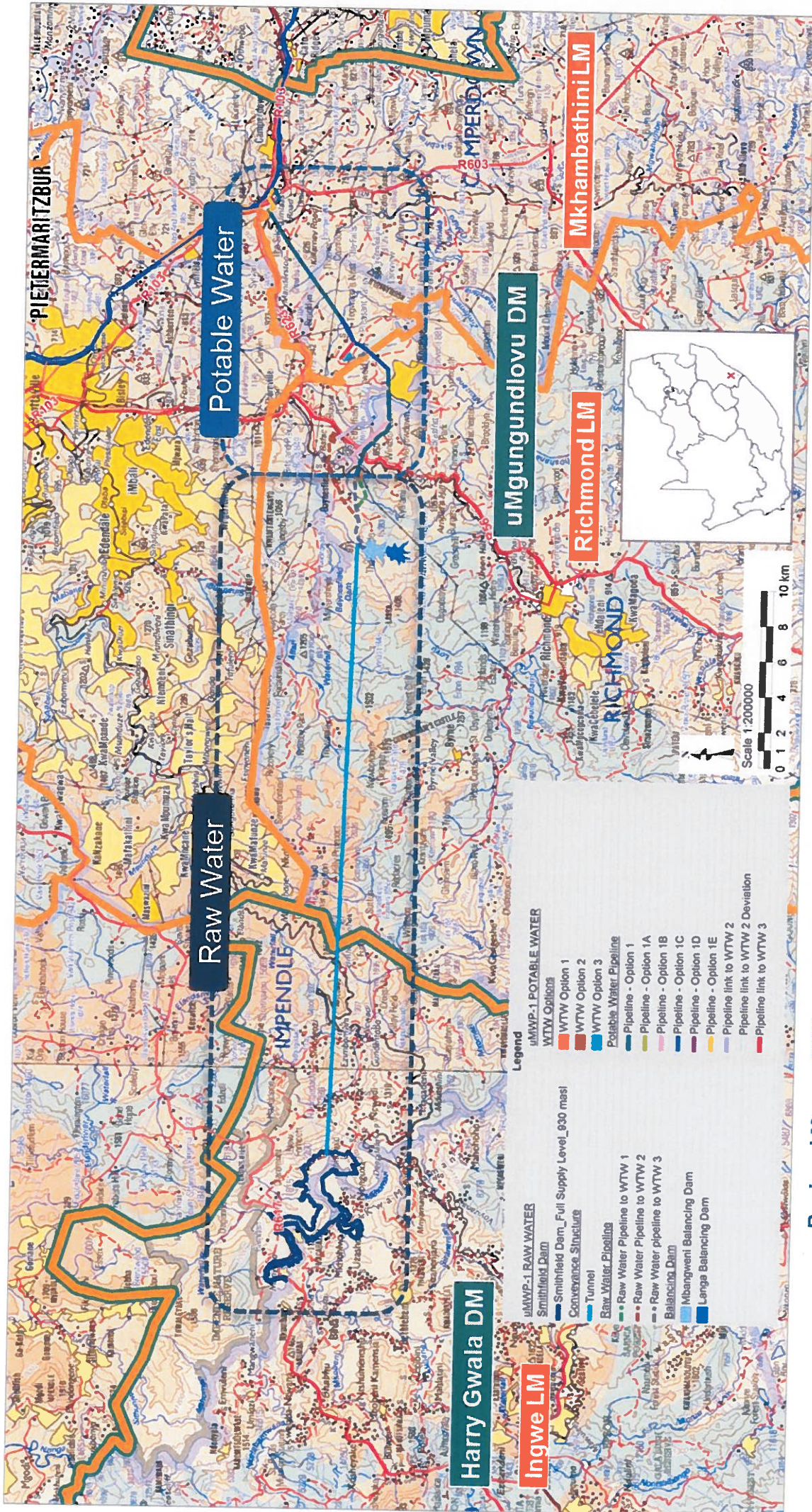
Organisation / Affiliation	Contact Name	Tel. No.	Email
Department of Environmental Affairs (DEA)	Mmahlala Rabothata	012 395 1768	mrabothata@environment.gov.za
DEA	Sindiswa Dlomo	012 399-9390	sdlomo@environment.gov.za
DEA	Lucas Mahlangu		lmahlangu@environment.gov.za
DEA	Danie Smit	012 310 3659	dsmit@environment.gov.za
DEA	Pumeza Skepe	012 310 3061	PSkepe@environment.gov.za
DEA	Masina Litsokane	012 395 1778	MLitsokane@environment.gov.za
KZN DAEA Macro-Planning (Land Use Regulatory)	Zinhle Mbili	012 310 3649	ZMbili@environment.gov.za
KZN DAEA	Zibusiso Dlamini	033 355 9331/9	zibusiso.dlamini@kzndae.gov.za
KZN DAEA	Muhammad Essop	033 347 1820	muhammad.essop@kzndae.gov.za
KZN DAEA	Sibusiso Mthembu	033 343 8087	sibusiso.mthembu@kzndae.gov.za
KZN DAEA	Viloshnee Pillay	031 3022 864	Viloshnee.naidoo@kzndae.gov.za
KZN DAEA	Yugeshnie Govender	031 3022 824	Yugeshni.govender@kzndae.gov.za
KZN DAEA	Heather Sheard	033 343 8177 / 033 355 9621	heather.sheard@kzndae.gov.za
Ezemvelo KZN Wildlife	Dominic Weners	033 845 1455	wienersd@kznwildlife.com
Ezemvelo KZN Wildlife	Jenny Longmore	033 845 1349	longmori@kznwildlife.com
Ezemvelo KZN Wildlife	Bheka Nxele	033 845 1902	nxeleb@kznwildlife.com
Ezemvelo KZN Wildlife	Peter Massyn		massynp@kznwildlife.com
Ezemvelo KZN Wildlife	Athol Marchant	033 239 1513	athol@kznwildlife.com
Ezemvelo KZN Wildlife	Ian Rushworth	033 239 1511	ianr@kznwildlife.com
Ezemvelo KZN Wildlife	Mbuyiselo Gxashi	033 996 9613	gxashim@kznwildlife.com
Department of Mineral Resources (DMR)	Karoon Moodley	031 335 9600	Karoon.moodley@dmr.gov.za
DMR	Nomonde Qhwaya	031 335 9600	nomonde.qhwaya@dmr.gov.za
DMR	Zama Zulu	031 335 9600	zama.zulu@dmr.gov.za
Department of Water Affairs (DWA): KZN Region	Sibonelo Mkhize	031 355 9600	Sibonelo.mkhize@dmr.gov.za
DWA KZN	Norman Ward	031 336 2737	WardN@dwa.gov.za
DWA	Niel van Wyk	031 336 2700	TylcoatC@dwa.gov.za
DWA KZN	James Perkins	012 336 8327	vanwykn@dwa.gov.za
DWA KZN	Angela Masefield	031 336 2700	perkinsj@dwa.gov.za
DWA KZN	Ronell Pillay	031 336 2737	angelam@dwa.gov.za
		031 336 2759	pillayr@dwa.gov.za

Organisation / Affiliation	Contact Name	Tel. No.	Email
DWA KZN	Shaun Naidoo	031 336 2735	naidoso@dwa.gov.za
DWA KZN	Zamashenge Hadebe	031 336 2767	hadebez@dwa.gov.za
DWA KZN	Sibusiso Mathonsi	031 336 2700	MathonsiS@dwa.gov.za
DWA KZN	Buthelezi Siyabonga NP	031 336 2700	ButheleziS2@dwa.gov.za
DWA KZN	Jay Reddy	031 336 2702	reddyj@dwa.gov.za
DWA H/O	Anet Muir	012 336 7500	muira@dwa.gov.za
DWA H/O	Pieter Ackerman	012 336 8217	AckermanP@dwa.gov.za
DWA H/O	Mishelle Govender	012 336 8681	GovenderM@dwa.gov.za
DWA KZN	Abdulla Sayed		SayedA@dwa.gov.za
DWA KZN	Sireeka Harilal		HarilalS@dwa.gov.za
Department of Agriculture, Forestry and Fisheries (DAFF)	Wiseman Rozani	033 392 7761	WisemanR@daff.gov.za
DAFF	Kim Weir	033 992 7706	KimW@nda.agric.za
DAFF	Phindile Bhungane		PhindileB@daff.gov.za
DAFF	Zanele Linda	033 345 3515	zaneleL@nda.agri.za
DAFF	Nandipha Sontangane	033 392 7738	NandiphaS@nda.agric.za
Department of Cooperative Governance and Traditional Affairs (COGTA)	Ms D N Qhobosheane	033 395 2831	nonhlanhla.qhobosheane@kzncogta.gov.za
COGTA	Nandi Sikutshwa		nandi.sikutshwa@kzncogta.gov.za
COGTA	Mr. Ivan Scholtz	033 395 2831	nandi.sikutshwa@kzncogta.gov.za
COGTA	John Johnson	033 355 6489	ivan.schoitz@kzncogta.gov.za
COGTA	Nikozo Chonco	033 395 2038	john.johnson@kzncogta.gov.za
COGTA	Bhekani Shabalala	033 897 5602	ntokozi.chonco @kzncogta.gov.za
KZN Cogta	Vello Govender	033 355 6199	bhekani.shabalala@kzncogta.gov.za
COGTA	Khanya Nzimande	031 2041722	vello.govender@kzncogta.gov.za
Department of Transport	Robert Lindsay	033 355 0555	Khanya.nzimande@kzncogta.gov.za
Department of transport	Michele Schmid	082 902 0120	Robert.Lindsay@Kzntransport.gov.za
Department of Transport	T. Dingswayo	083 645 8463	Michele.schmid@kzntransport.gov.za
Department of Transport	Sibongile Somi	039 682 0124	Tholakele.dingswayo@kzntransport.gov.za
Department of Transport	G Perumal	031 700 2222	sibongile.somi@kzntransport.gov.za
Department of Transport	M Marshall	039 682 0124	gerald.perumal@kzntransport.gov.za
Department of Transport	Sydney Nzaba	033 3558648	mike.marshall@kzntransport.gov.za
Department of Transport	Antoinette Gibson		sydney.nzaba@kzntransport.gov.za
Department of Economic Development & Tourism	Makhosi Nzizi	033 264 2648	antoinette.gibson@kzntransport.gov.za
Department of Economic Development & Tourism	Sandile Ngcobo	033 264 2648	nzizim@kznded.gov.za / mbathal@kznded.gov.za
Department of Economic Development & Tourism	Keshnee Williams	033 264 2515	ngcobo@kznded.gov.za
Department of Energy	Xolile Mtwiwa	031 335 9609	keshnee.williams@kznded.gov.za
Amafa AkwaZulu-Natali /Heritage KZN	Bernadet Pawandiwa	033 394 6543	xolile.mtwiwa@energy.gov.za
			bernadep@amafapmb.co.za

Organisation / Affiliation	Contact Name	Tel. No.	Email
Amafa / KZN Heritage	Annie van de Venter Radford	033 394 6543	amafa_pmb2@mweb.co.za
Department of Public Works	A. Govender	033 355 5562	amatadps@amafa.pmb
Dept of Land Affairs	Bheki Ndlovu	039 682 2295	Head.Works@kznworks.gov.za
Department of Land Affairs	N Makhaya	033 355 4388	bnlovu@ruraldevelopment.gov.za
Dept of Land Affairs: State Land Administration	Skhumbuzo Ntombela	033 355 4322	nmakhaya@ruraldevelopment.gov.za
Dept of Rural Development and Land Reform	Denver S. Ince	033 355 4300	ssntombela@ruraldevelopment.gov.za
Umgungundlovu District Municipality	Bheki Mbambo	033 897 6700	DSInce@ruraldevelopment.gov.za
Umgungundlovu District Municipality	Sibusiso Khuzwayo	033 897 6700	bheki.mbambo@umdm.gov.za
Harry Gwala District Municipality	Bheki Makwakwa	039 834 8703	sibusiso.khuzwayo@umdm.gov.za
Harry Gwala District Municipality	Nhlanhla Mabaso	039 834 8700	makwakwab@sisonkedm.gov.za
Harry Gwala District Municipality	Thami Makhanya	039 834 8700	mabasom@sisonkedm.gov.za
Harry Gwala District Municipality	Sifiso Phoswa	039 834 8700	makhanyat@sisonkedm.gov.za
Richmond Local Municipality	Sibusiso Sithole	033 212 2155	phoswas@sisonkedm.gov.za
Richmond Municipality	Deago Harper	0332122155	sibusiso.sithole@richmond.gov.za
Richmond Local Municipality	Antionette Whyte	033 212 2155 Ext 229	deagoharper@gmail.com
Richmond Local Municipality	Mr M J Sithole	033 212 2155	antionette.whyte@gnnet.org.za
Richmond Local Municipality	Nana Mzila	033 212 2155	sitholem@richmond.gov.za
Richmond Local Municipality	Traveleen Joice	033 212 2155	nanmzil@yahoo.com.au
Richmond Local Municipality	Cllr Andrew Ragavaloo		joicet@richmond.gov.za
Richmond Local Municipality	Mgibe Ngobo		ragavaloo@mweb.co.za
Ingwe Local Municipality	Mr N C Zezi	039-833 1038	mgibe.gcobo@gmail.com
Ingwe Local Municipality	Mr T Mazibuko	039 833 1038	vezin@ingwe.gov.za
Ingwe Local Municipality	Mr D Smith	039 833 1038	planmer@kwasani.gov.za
Ingwe Local Municipality	Mr Z Dlamini	039 833 1038	Smithd@ingwe.gov.za
Mkhambathini Local Municipality	Devon Pillay		dlaminiz@ingwe.gov.za
Mkhambathini Local Municipality	Elaine Donaldson		mm@mkhambathini.gov.za
Mkhambathini Local Municipality	Mike Dondo		Sonja.britz@mkhambathini.gov.za; ssbritz@gmail.com; elained4@gmail.com

Note: Additional Authorities will be included in the overall database of Interested and Affected Parties during the Scoping Phase.

APPENDIX 5: PROJECT MAPS



PIETERMARITZBURG

Potable Water

Raw Water

Harry Gwala DM

Ingwe LM

uMgungundlovu DM

Richmond LM

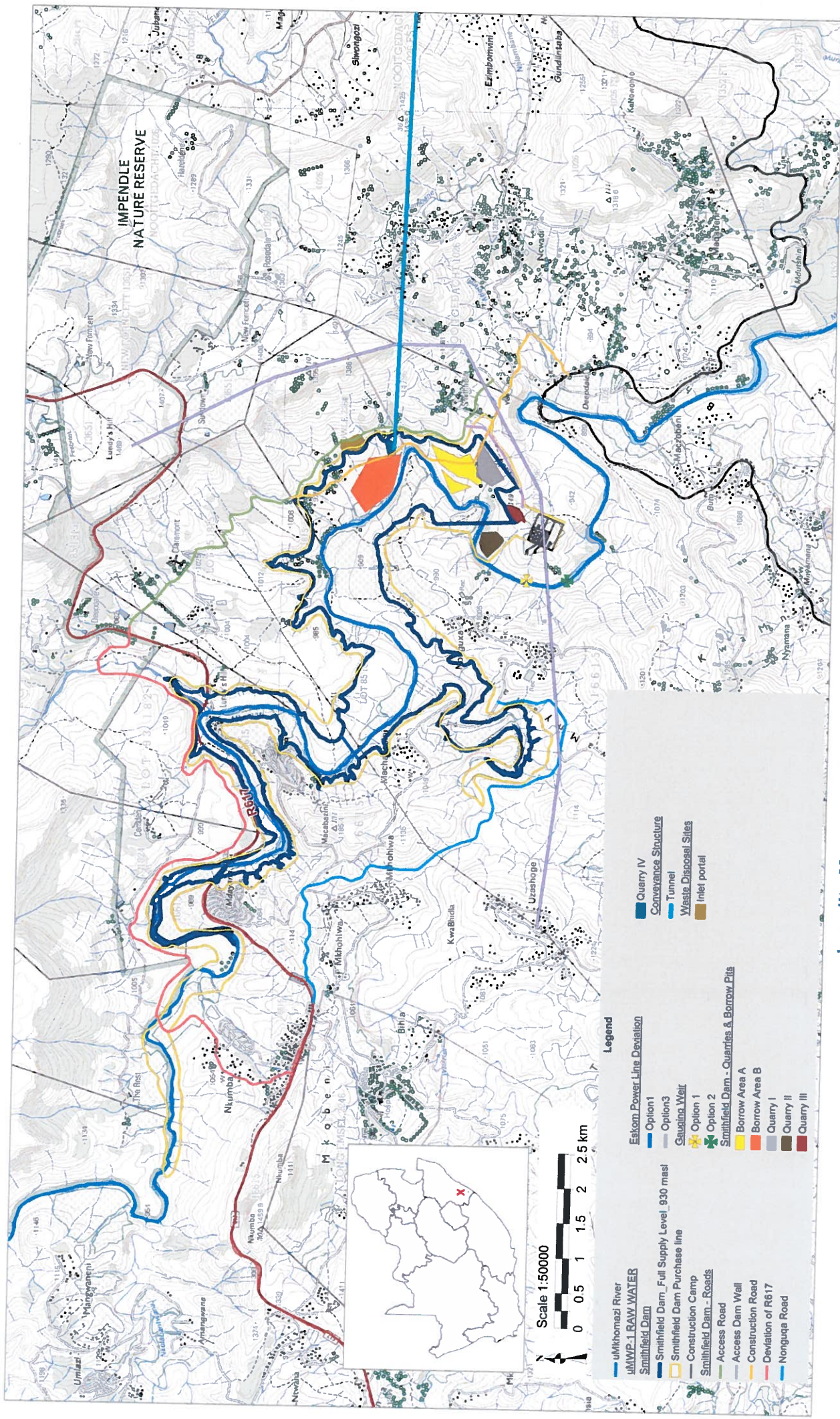
Mkhambathini LM

- Legend**
- uMWP-1 POTABLE WATER
 - WTW Options
 - WTW Option 1
 - WTW Option 2
 - WTW Option 3
 - Potable Water Pipelining
 - Pipeline - Option 1
 - Pipeline - Option 1A
 - Pipeline - Option 1B
 - Pipeline - Option 1C
 - Pipeline - Option 1D
 - Pipeline - Option 1E
 - Pipeline link to WTW 2
 - Pipeline link to WTW 3

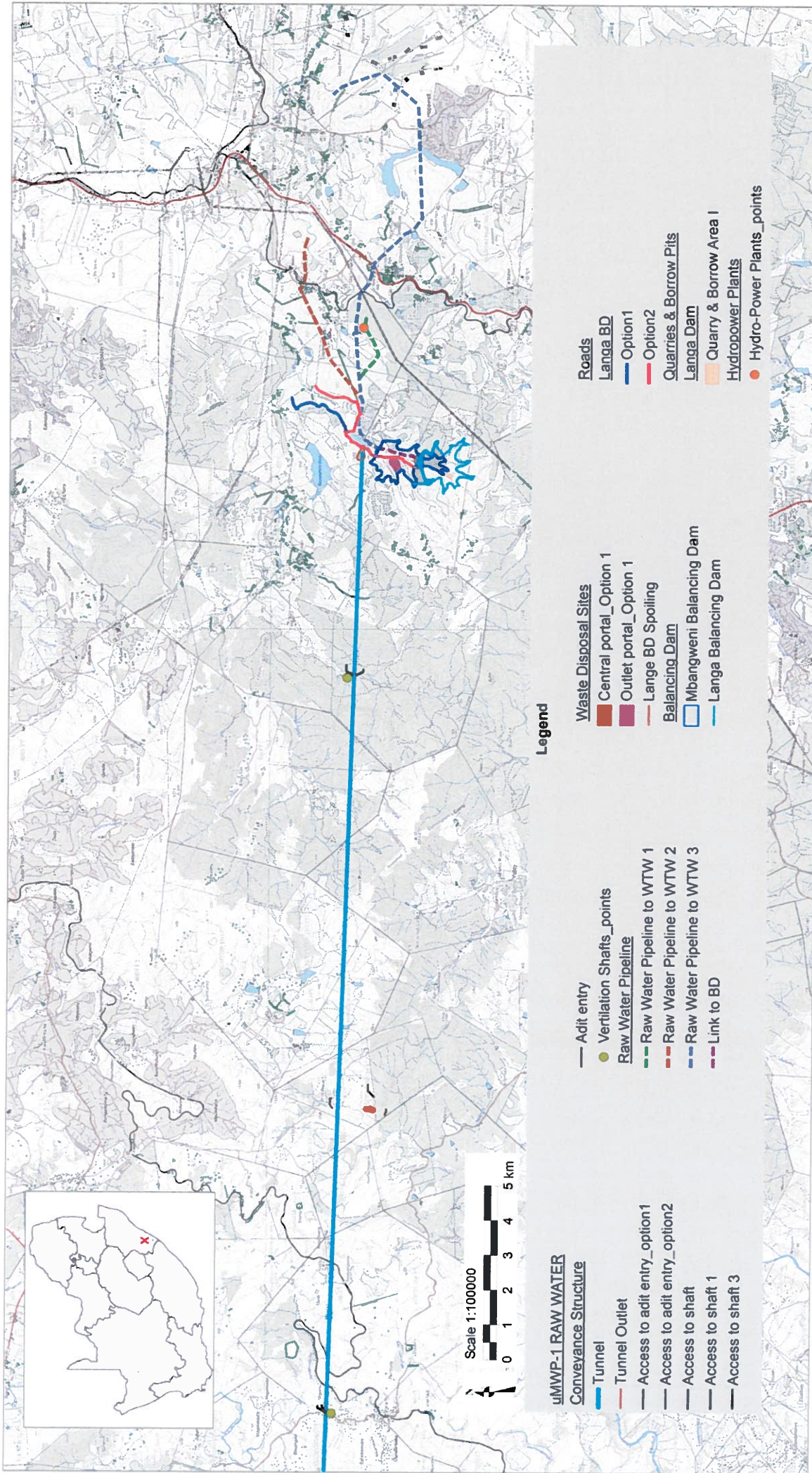
- uMWP-1 RAW WATER
- Smithfield Dam
- Convergence Structure
- Tunnel
- Raw Water Pipelining
- Raw Water Pipeline to WTW 1
- Raw Water Pipeline to WTW 2
- Raw Water Pipeline to WTW 3
- Balancing Dam
- Mbangweni Balancing Dam
- Lenga Balancing Dam



Regional Map – uMWP-1 Raw Water & Potable Water (Note – not all sub-components shown)



Locality Map – uMWP-1 Raw Water (western side)



- uMWP-1 RAW WATER**
- Conveyance Structure**
- Tunnel
 - Tunnel Outlet
 - Access to adit entry_option1
 - Access to adit entry_option2
 - Access to shaft
 - Access to shaft 1
 - Access to shaft 3

- Raw Water Pipeline**
- Raw Water Pipeline to WTW 1
 - Raw Water Pipeline to WTW 2
 - Raw Water Pipeline to WTW 3
 - Link to BD

- Waste Disposal Sites**
- Central portal_Option 1
 - Outlet portal_Option 1
 - Lange BD Spoiling
 - Balancing Dam
 - Mbangweni Balancing Dam
 - Langa Balancing Dam

- Roads**
- Langa BD
 - Option1
 - Option2
 - Quarries & Borrow Pits
 - Langa Dam
 - Quarry & Borrow Area I
 - Hydropower Plants
 - Hydro-Power Plants _points

Locality Map – uMWP-1 Raw Water (eastern side)

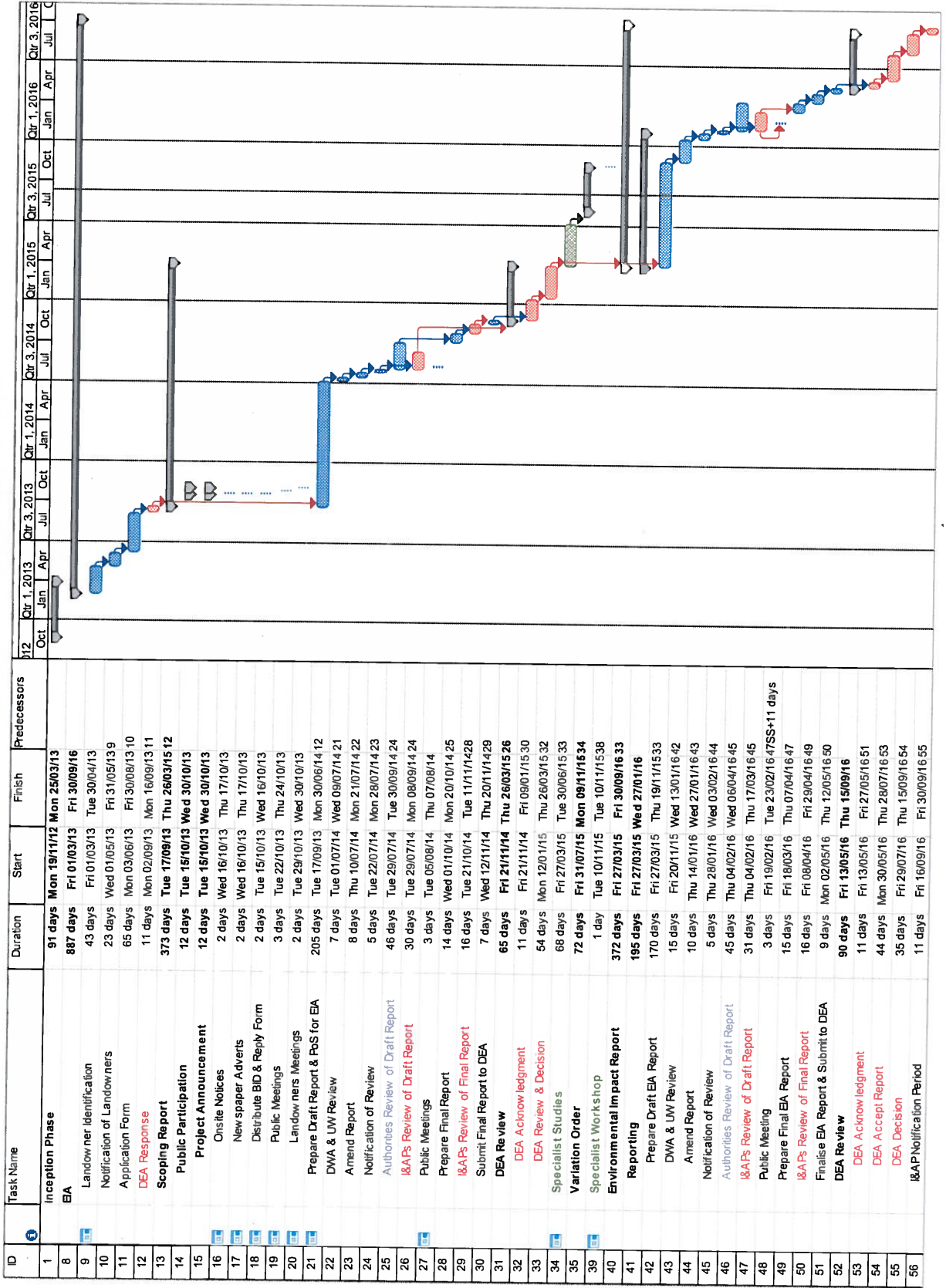
APPENDIX 6: LIST OF SGIDS

Note: SG Codes are contained in Appendix 3

APPENDIX 7: PROJECT SCHEDULE

UMWP-1 RAW WATER

PROJECT PROGRAMME (DRAFT)



APPENDIX 8: EAP DECLARATION OF INTEREST

The Environmental Assessment Practitioner

I, Donavan Henning, declare that –

General declaration:

I act as the independent environmental practitioner in this application

I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant

I declare that there are no circumstances that may compromise my objectivity in performing such work;

I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;

I will comply with the Act, regulations and all other applicable legislation;

I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;

I have no, and will not engage in, conflicting interests in the undertaking of the activity;

I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;

I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;

I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;

I will keep a register of all interested and affected parties that participated in a public participation process; and

I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not

all the particulars furnished by me in this form are true and correct;

will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and


I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;

~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

N/A


Signature of the environmental assessment practitioner:

Nemai Consulting
Name of company:

17 November 2015
Date:



water & sanitation

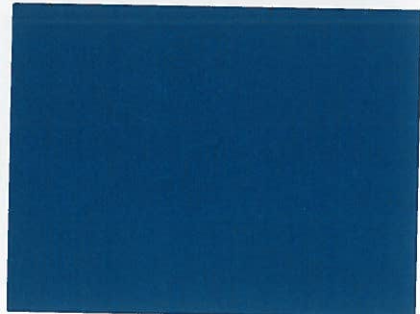
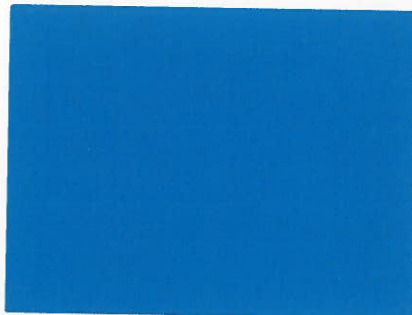
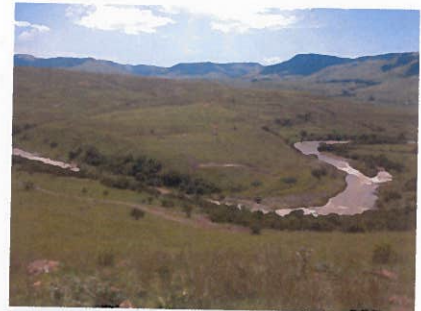
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

THE UMKHOMAZI WATER PROJECT PHASE 1 – RAW WATER COMPONENT

BALANCING DAM

**APPLICATION FOR AUTHORISATION IN TERMS OF THE NATIONAL
ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998), AS AMENDED
AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010**

September 2015



P.O. BOX 1673
SUNNINGHILL
2157

147 Bram Fischer Drive
FERNDALE
2194

Tel: 011 781 1730
Fax: 011 781 1731
Email: info@nema.co.za



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

The uMkhomazi Water Project Phase 1: Raw Water Component – Balancing Dam

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
9. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report must also be submitted.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268
Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.deat.gov.za> for the latest version of the documents.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

Refer to Appendix 3 for a list of the properties affected by the uMWP-1 Raw Water infrastructure.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT TITLE

The uMkhomazi Water Project Phase 1: Raw Water Component – Balancing Dam

1. BACKGROUND INFORMATION

Project applicant:	Department of Water and Sanitation		
Trading name (if any):	-		
Contact person:	Kobus Bester		
Physical address:	185 Frances Baard Street, Sedibeng Building, Pretoria		
Postal address:	Private Bag X313, PRETORIA		
Postal code:	0001	Cell:	084 517 5560
Telephone:	012 336 8071	Fax:	012 336 7399
E-mail:	BesterK@dwa.gov.za		

Provincial Authority:	Refer to Appendix 4 for a list of the relevant government departments		
Contact person:	[Redacted]		
Postal address:	[Redacted]		
Postal code:	[Redacted]	Cell:	[Redacted]
Telephone:	[Redacted]	Fax:	[Redacted]
E-mail:	[Redacted]		

Landowner:	Refer to Appendix 3 for a list of the landowners		
Contact person:	[Redacted]		
Postal address:	[Redacted]		
Postal code:	[Redacted]	Cell:	[Redacted]
Telephone:	[Redacted]	Fax:	[Redacted]
E-mail:	[Redacted]		

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Note: The western portion of the project area, including Smithfield Dam and the first \pm 21 km of the tunnel, falls under Traditional Authority and state land. The area is characterised by traditional homestead settlements and rural subsistence agriculture. The eastern part of the project area, which includes the remaining part of the tunnel (\pm 13 km), balancing dam and raw water pipeline, is privately owned and predominantly used for commercial farming and forestry. DWS will need to acquire the land earmarked for the project implementation. In terms of regulation 54(5) of Government Notice No. R543, the project sought a deviation from regulation 12(2)(b)(i), which stipulates that proof of written notification to the landowner / person in control of the land must be submitted with the Application Form. As part of the EIA, public participation will be conducted in accordance with regulation 54 of Government Notice No. R 543, which will include formal written notification of all affected landowners / person(s) in control of land. The contact details associated with the affected properties will be provided in the Scoping Report.

Local authority in whose jurisdiction the proposed activity will fall:	uMgungundlovu District Municipality and Richmond Local Municipality
Nearest town or districts:	Richmond & Boston

Contact person:
 Postal address:
 Postal code:
 Telephone:
 E-mail:

Refer to Appendix 4 for a list of the relevant government departments

Cell:

Fax:

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

Refer to Appendix 4

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

2.1 For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant notice) : Describe each listed activity as per project description¹:

544, 18 June 2010	9	Bulk water infrastructure associated with the project.
544, 18 June 2010	10	The exact dimensions and power throughput of the sub-stations that are assumed to be required for the pump-stations related to the project are not yet finalised. It is, however, assumed that they could trigger this activity threshold (i.e. over 33 kV).
544, 18 June 2010	11	<ul style="list-style-type: none"> • A number of watercourses could be impacted on by this development. The extent and significance of this impact will be determined through the EIA process. • The uMlaza River will be impacted on by the proposed balancing dam to receive the transferred water from the uMkhomazi River. • Tributaries of the uMlaza River may be modified by the project infrastructure (e.g. access road crossings, culverts, footprints of infrastructure intruding into the floodplain / 32 m buffer area along watercourses, etc.).
544, 18 June 2010	13	"Dangerous goods" that are likely to be associated with the greater project, are fuel stores for generators at the various pumping station sites, as well as any such goods used during the construction phase.
544, 18 June 2010	18	The uMlaza River will be affected during the construction of the balancing dam related infrastructure.
544, 18 June 2010	19	Quarry and borrow area to be created to obtain construction material.
544, 18 June 2010	20	
544, 18 June 2010	22	Access roads to the various sites as well as relocation of roads that will be inundated.
544, 18 June 2010	23	<ul style="list-style-type: none"> • Significant area to be inundated by the balancing dam. • Quarry and borrow area to be created to obtain construction material. • Operator housing / offices and fencing to be built.
544, 18 June 2010	24	Operator housing / offices and fencing to be built.
544, 18 June 2010	26	Given the sheer size of the area impacted on by the proposed project the potential to impact on a species of biodiversity

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

		importance, as well as areas that show a combination of biodiversity relevant factors, is highly probable.
544, 18 June 2010	39	Existing infrastructure not specifically related to the project may be impacted on by the proposed development, such as the possible upgrading of existing road bridges and other infrastructure within 32m of a watercourse.
544, 18 June 2010	40	Existing infrastructure not specifically related to the project may be impacted on by the proposed development.
544, 18 June 2010	47	Widening or lengthening of existing roads to create access roads.
544, 18 June 2010	56	Possible phased activities that may collectively trigger this listed activity.
545, 18 June 2010	10	Water is transferred from the uMkhomazi River (from Smithfield Dam) to the Umlaas Road reservoir at a rate of 8.65m ³ /s.
545, 18 June 2010	15	Large area to be inundated by the balancing dam. Area at full supply level = 95.48 ha (Langa Balancing Dam).
545, 18 June 2010	19	Dam wall height for Langa Balancing Dam (at 923 masl) = 46.60 m.
545, 18 June 2010	20	Quarry and borrow area to be created to obtain construction material.
545, 18 June 2010	21	
546, 18 June 2010	2(a)(iii)	Possible occurrence of sensitive biodiversity features at affected areas. The balancing dam is located in a potentially sensitive area.
546, 18 June 2010	4(a)(ii)	Access roads to the various sites as well as relocation of roads that will be inundated, which may be located in areas that are deemed to be important from a biodiversity perspective.
546, 18 June 2010	10(a)(ii)	Temporary storage of dangerous goods (e.g. fuel) during the construction phase. Possible occurrence of sensitive biodiversity features in the project area.
546, 18 June 2010	12	Construction activities will involve extensive clearance of vegetation (300 square metres or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	13	Construction activities will involve extensive clearance of vegetation (1 hectare or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	14	Construction activities will involve extensive clearance of vegetation (5 hectares or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	16(a)(ii)	Construction of infrastructure within watercourse. Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	19(a)(ii)	Access roads to the various sites, which may be located in areas that are deemed to be important from a biodiversity perspective.
546, 18 June 2010	24(a)(ii)	Construction of infrastructure within watercourse. Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	26	Possible phased activities that may collectively trigger this listed activity.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

- | | |
|--|---------|
| 3.1.1 National Environmental Management: Waste Act | Yes/No |
| 3.1.2 National Environmental Management: Air Quality Act | Yes/No |
| 3.1.3 National Environmental Management: Protected Areas Act | Yes/No |
| 3.1.4 National Environmental Management: Biodiversity Act | Yes*/No |
| 3.1.5 Mineral Petroleum Development Resources Act | Yes/No |
| 3.1.6 National Water Act | Yes/No |
| 3.1.7 National Heritage Resources Act | Yes/No |
| 3.1.8 Other (please specify) | Yes/No* |

** To be determined during EIA process.*

- | | |
|---|--------|
| 3.2 Have such applications been lodged already? | Yes/No |
|---|--------|

4. DECLARATIONS

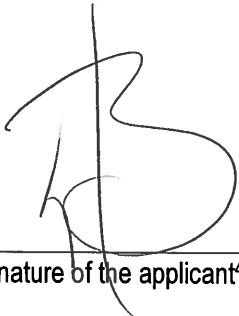
4.1 The Applicant

I, JA Bester, declare that I -

- am, or represent², the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner³;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.



Signature of the applicant⁴/ Signature on behalf of the applicant:

DEPARTMENT OF WATER AND SANITATION
Name of company (if applicable):

16/09/2015
Date:

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

PART E: LIST OF APPENDICES

		SUBMITTED
Appendix 1	Proof of Payment	N/A
Appendix 2	Strategic Infrastructure Projects	YES
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.	YES
Appendix 4	List of Organs of State and applicable authorities (with contact details)	YES
Appendix 5	Project map	YES
Appendix 6	List of SGIDs	YES
Appendix 7	Project schedule	YES
Appendix 8	Declaration of EAP	YES

APPENDIX 1: PROOF OF PAYMENT/MOTIVATION FOR EXCLUSION

Not Applicable, as applicant is a National Department

APPENDIX 2: STRATEGIC INFRASTRUCTURE PROJECTS

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- Unlock mineral resources
- Rail, water pipelines, energy generation and transmission infrastructure
- Thousands of direct jobs across the areas unlocked
- Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project
- Rail capacity to Mpumalanga and Richards Bay
- Shift from road to rail in Mpumalanga
- Logistics corridor to connect Mpumalanga and Gauteng.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- Strengthen the logistics and transport corridor between SA's main industrial hubs
- Improve access to Durban's export and import facilities
- Integrate Free State Industrial Strategy activities into the corridor
- New port in Durban
- Aerotropolis around OR Tambo International Airport.

SIP 3: South-Eastern node & corridor development

- New dam at Mzimvubu with irrigation systems
- N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains
- Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape
- A manganese sinter (Northern Cape) and smelter (Eastern Cape)
- Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.

SIP 4: Unlocking the economic opportunities in North West Province

- Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure
- Enabling reliable supply and basic service delivery
- Facilitate development of mining, agricultural activities and tourism opportunities
- Open up beneficiation opportunities in North West Province.

SIP 5: Saldanha-Northern Cape development corridor

- Integrated rail and port expansion
- Back-of-port industrial capacity (including an IDZ)
- Strengthening maritime support capacity for oil and gas along African West Coast
- Expansion of iron ore mining production and beneficiation.

SIP 6: Integrated municipal infrastructure project

Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.

SIP 7: Integrated urban space and public transport programme

Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.

SIP 8: Green energy in support of the South African economy

Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.

Indicate capacity in MW:

SIP 9: Electricity generation to support socioeconomic development

Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.

Indicate capacity in MW:

SIP 10: Electricity transmission and distribution for all

Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development.

Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.

SIP 11: Agri-logistics and rural infrastructure

Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.

SIP 12: Revitalisation of public hospitals and other health facilities

Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.

SIP 13: National school build programme

A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.

SIP 14: Higher education infrastructure

Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.

SIP 15: Expanding access to communication technology

Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas.

While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.

The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.

SIP 17: Regional integration for African cooperation and development

Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.

The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.

All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.

SIP 18: Water and sanitation infrastructure

A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.

The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.

APPENDIX 3: LIST OF LANDOWNERS AND PROOF OF LANDOWNER NOTIFICATION

uMWP-1 RAW WATER – BALANCING DAM

AFFECTED PROPERTIES

The properties affected by the uMWP-1 Raw Water – Balancing Dam are shown below and listed in the table to follow. Note that the Scoping Report will contain further details on the affected properties and the affected landowners.

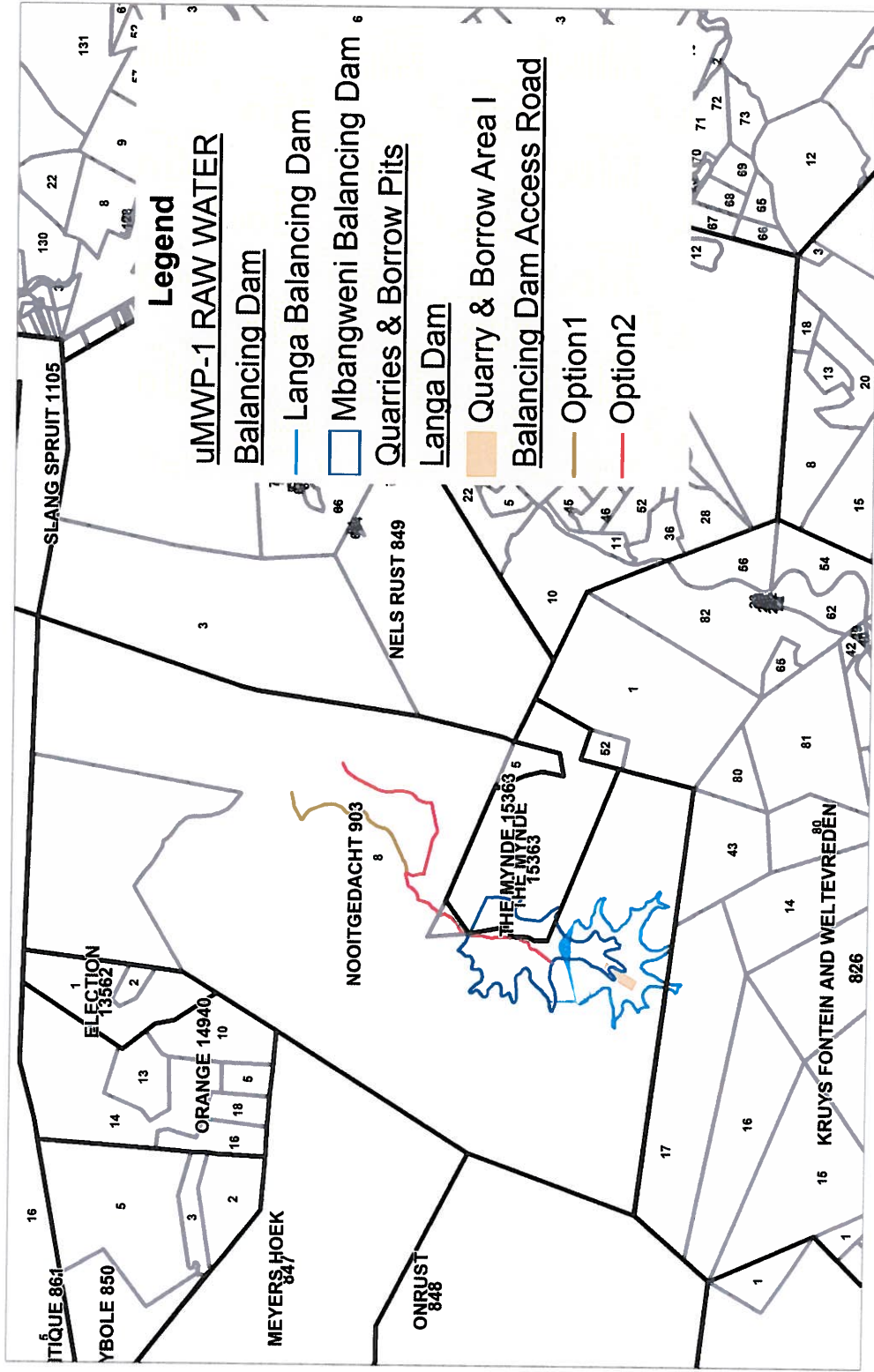


Figure 1: Properties affected by uMWP-1 Raw Water – Balancing Dam

BALANCING DAM

SG Code	Farm	Ptn	Organisation
NOFT0000000090300008	Nooitgedacht 903	8	Joseph Baynes Estate (Pty) Ltd
NOFT0000000090300003	Nooitgedacht 903	3	
NOFT00000001536300000	The Mynde 15363	0	Harry Antel Family Trust
NOFT0000000082600017	Kruys Fontein & Weltevreden 826	17	Eric Lewis

ACCESS ROADS

- Langa Balancing Dam

SG Code	Farm	Ptn	Organisation
NOFT0000000090300008	Nooitgedacht 903	8	Joseph Baynes Estate (Pty) Ltd
NOFT0000000090300003	Nooitgedacht 903	3	
NOFT00000001536300000	The Mynde 15363	0	

QUARRIES & BORROW PITS

- Langa Balancing Dam

SG Code	Farm	Ptn	Organisation
NOFT0000000090300008	Nooitgedacht 903	8	Joseph Baynes Estate (Pty) Ltd

LANDOWNER NOTIFICATION

Exemption was sought from DEA from landowner notification during the application phase of the EIA. Although some meetings had already been convened as part of the overall Feasibility Study with key parties, which included Traditional Authorities and Baynesfield Estate, all the affected landowners had not yet been notified of the project in the application phase due to the sheer extent of the project footprint.

As part of the EIA, public participation will be conducted in accordance with regulation 54 of Government Notice No. R 543, which will include formal written notification of all affected landowners / person(s) in control of land. The contact details associated with the affected properties will be provided in the Scoping Report.

APPENDIX 4: LIST OF ORGANS OF STATE AND APPLICABLE AUTHORITIES

UMWP-1 RAW WATER

RELEVANT GOVERNMENT DEPARTMENTS

Organisation / Affiliation	Contact Name	Tel. No.	Email
Department of Environmental Affairs (DEA)	Mmatlala Rabothata	012 395 1768	mrabothata@environment.gov.za
DEA	Sindiswa Dlomo	012 399-9390	sdlomo@environment.gov.za
DEA	Lucas Mahlangu		lmahlangu@environment.gov.za
DEA	Danie Smit	012 310 3659	dsmit@environment.gov.za
DEA	Pumeza Skepe	012 310 3061	PSkepe@environment.gov.za
DEA	Masina Litsokane	012 395 1778	MLitsokane@environment.gov.za
DEA	Zinhle Mbili	012 310 3649	ZMbili@environment.gov.za
KZN DAEAMacro-Planning (Land Use Regulatory)	Zibusiso Dlamini	033 355 9331/9	zibusiso.dlamini@kzndae.gov.za
KZN DAEA	Muhammad Essop	033 347 1820	muhammad.essop@kzndae.gov.za
KZN DAEA	Sibusiso Mthembu	033 343 8087	sibusiso.mthembu@kzndae.gov.za
KZN DAEA	Viloshnee Pillay	031 3022 864	Viloshnee.naidoo@kzndae.gov.za
KZN DAEA	Yugeshnie Govender	031 3022 824	Yugeshni.govender@kzndae.gov.za
KZN DAEA	Heather Sheard	033 343 8177 / 033 355 9621	heather.sheard@kzndae.gov.za
Ezemvelo KZN Wildlife	Dominic Wieners	033 845 1455	wienersd@kznwildlife.com
Ezemvelo KZN Wildlife	Jenny Longmore	033 845 1349	longmoj@kznwildlife.com
Ezemvelo KZN Wildlife	Bheka Nxele	033 845 1902	nxeleb@kznwildlife.com
Ezemvelo KZN Wildlife	Peter Massyn		massynp@kznwildlife.com
Ezemvelo KZN Wildlife	Athol Marchant	033 239 1513	athol@kznwildlife.com
Ezemvelo KZN Wildlife	Ian Rushworth	033 239 1511	ianr@kznwildlife.com
Ezemvelo KZN Wildlife	Mbuyiselo Gxashi	033 996 9613	gxashim@kznwildlife.com
Department of Mineral Resources (DMR)	Karoon Moodley	031 335 9600	Karoon.moodley@dmr.gov.za
DMR	Nomonde Ghwaya	031 335 9600	nomonde.ghwaya@dmr.gov.za
DMR	Zama Zulu	031 335 9600	zama.zulu@dmr.gov.za
DMR	Sibonelo Mkhize	031 355 9600	Sibonelo.mkhize@dmr.gov.za
Department of Water Affairs (DWA): KZN Region	Norman Ward	031 336 2737	WardN@dwa.gov.za
DWA KZN		031 336 2700	Tylocoat@dwa.gov.za
DWA	Niel van Wyk	012 336 8327	vanwykn@dwa.gov.za
DWA KZN	James Perkins	031 336 2700	perkinsj@dwa.gov.za
DWA KZN	Angela Masefield	031 336 2737	angelam@dwa.gov.za
DWA KZN	Ronell Pillay	031 336 2759	pillayr@dwa.gov.za

Organisation / Affiliation	Contact Name	Tel. No.	Email
DWA KZN	Shaun Naidoo	031 336 2735	naidoo@dwa.gov.za
DWA KZN	Zamashenge Hadebe	031 336 2767	hadebez@dwa.gov.za
DWA KZN	Sibusiso Mathonsi	031 336 2700	MathonsiS@dwa.gov.za
DWA KZN	Buthlezi Siyabonga NP	031 336 2700	ButhleziS2@dwa.gov.za
DWA KZN	Jay Reddy	031 336 2702	reddyj@dwa.gov.za
DWA H/O	Anet Muir	012 336 7500	muira@dwa.gov.za
DWA H/O	Pieter Ackerman	012 336 8217	AckermanP@dwa.gov.za
DWA H/O	Mishelle Govender	012 336 8681	GovenderM@dwa.gov.za
DWA KZN	Abdulla Sayed		SayedA@dwa.gov.za
DWA KZN	Sireeka Harilal		HarilalS@dwa.gov.za
Department of Agriculture, Forestry and Fisheries (DAFF)	Wiseman Rozani	033 392 7761	WisemanR@daff.gov.za
DAFF	Kim Weir	033 992 7706	KimW@nda.agric.za
DAFF	Phindile Bhungane		PhindileB@daff.gov.za
DAFF	Zanele Linda	033 345 3515	zaneleL@nda.agri.za
DAFF	Nandipha Sontangane	033 392 7738	NandiphaS@nda.agric.za
Department of Cooperative Governance and Traditional Affairs (COGTA)	Ms D N Qhobosheane	033 395 2831	nonlanhla.qhobosheane@kzncogta.gov.za
COGTA	Nandi Sikutshwa		nandi.sikutshwa@kzncogta.gov.za
COGTA	Mr. Ivan Scholtz	033 395 2831	nandi.sikutshwa@kzncogta.gov.za
COGTA	John Johnson	033 355 6489	ivan.scholtz@kzncogta.gov.za
COGTA	Ntokozo Chonco	033 395 2038	john.johnson@kzncogta.gov.za
COGTA	Bhekani Shabalala	033 897 5602	ntokozo.chonco @kzncogta.gov.za
KZN Cogta	Vello Govender	033 355 6199	bhekani.shabalala@kzncogta.gov.za
COGTA	Khanya Nzimande	031 2041722	vello.govender@kzncogta.gov.za
Department of Transport	Robert Lindsay	033 355 0555	Khanya.nzimande@kzncogta.gov.za
Department of transport	Michele Schmid	082 902 0120	Robert.Lindsay@Kzntransport.gov.za
Department of transport	T. Dingswayo	083 645 8463	Michele.schmid@kzntransport.gov.za
Department of Transport	Sibongile Somi	039 682 0124	Tholakele.dingswayo@kzntransport.gov.za
Department of Transport	G Perumal	031 700 2222	sibongile.somi@kzntransport.gov.za
Department of Transport	M Marshall	039 682 0124	gerald.perumal@kzntransport.gov.za
Department of Transport	Sydney Nzaba	033 3558648	mike.marshall@kzntransport.gov.za
Department of Transport	Antoinette Gibson		sydney.nzaba@kzntransport.gov.za
Department of Economic Development & Tourism	Makhosi Nzizi	033 264 2648	antoinette.gibson@kzntransport.gov.za
Department of Economic Development & Tourism	Sandile Ngoobo	033 264 2648	nzizim@kznded.gov.za / mbathal@kznded.gov.za
Department of Economic Development & Tourism	Keshnee Williams	033 264 2515	ngobobi@kznded.gov.za
Department of Energy	Xolile Mtwa	031 335 9609	keshnee.williams@kznded.gov.za
Amafa AkwaZulu-Natali /Heritage KZN	Bernadet Pawandiwa	033 394 6543	xolile.mtwa@energy.gov.za
			bernadetp@amafapamb.co.za

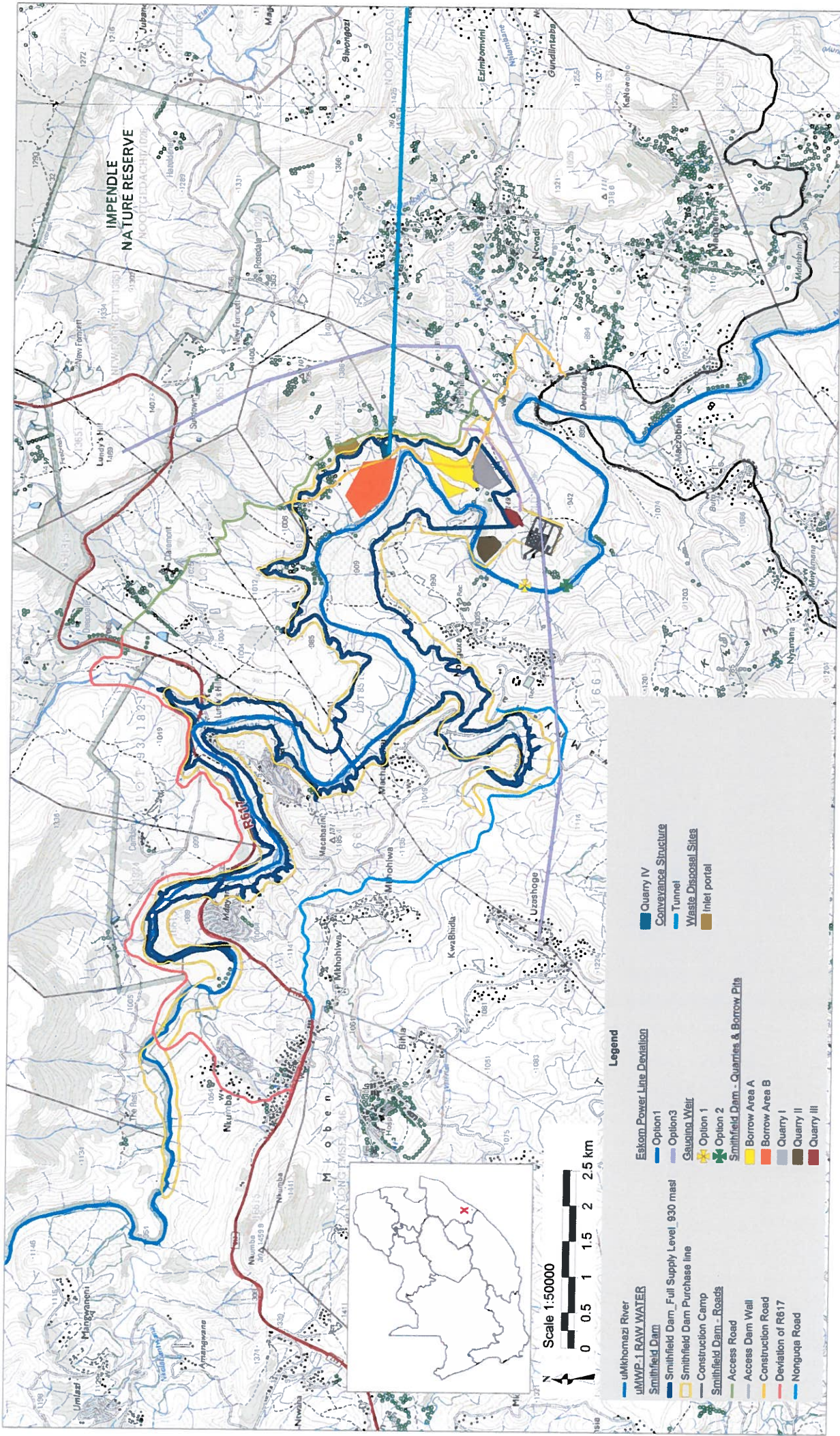
Organisation / Affiliation	Contact Name	Tel. No.	Email
Amafa / KZN Heritage	Annie van de Venter Radford	033 394 6543	amafa.pmb2@mweb.co.za
Department of Public Works	A. Govender	033 355 5562	amafadps@amafa.pmb
Dept of Land Affairs	Bheki Ndlovu	039 682 2295	Head.Works@kznworks.gov.za
Department of Land Affairs	N Makhaya	033 355 4388	bnlovu@ruraldevelopment.gov.za
Dept of Land Affairs: State Land Administration	Skhumbuzo Niombela	033 355 4322	nmakhaya@ruraldevelopment.gov.za
Dept of Rural Development and Land Reform	Denver S Ince	033 355 4300	ssntombela@ruraldevelopment.gov.za
Umgungundlovu District Municipality	Bheki Mbambo	033 897 6700	DSince@ruraldevelopment.gov.za
Umgungundlovu District Municipality	Sibusiso Khuzwayo	033 897 6700	bheki.mbambo@umdm.gov.za
Harry Gwala District Municipality	Bheki Makwakwa	039 834 8703	sibusiso.khuzwayo@umdm.gov.za
Harry Gwala District Municipality	Nhlanhla Mabaso	039 834 8700	makwakwab@isonkedm.gov.za
Harry Gwala District Municipality	Thami Makhanya	039 834 8700	mabasom@isonkedm.gov.za
Harry Gwala District Municipality	Sifiso Phoswa	039 834 8700	makhanyat@isonkedm.gov.za
Richmond Local Municipality	Sibusiso Sithole	033 212 2155	phoswas@isonkedm.gov.za
Richmond Municipality	Deago Harper	0332122155	sibusiso.sithole@richmond.gov.za
Richmond Local Municipality	Antionette Whyte	033 212 2155 Ext 229	deagoharper@gmail.com
Richmond Local Municipality	Mr M J Sithole	033 212 2155	antionette.whyte@ignet.org.za
Richmond Local Municipality	Nana Mzila	033 212 2155	sitholem@richmond.gov.za
Richmond Local Municipality	Traveleen Joice	033 212 2155	namzil@yahoo.com.au
Richmond Local Municipality	Cllr Andrew Ragavaloo		joicet@richmond.gov.za
Richmond Local Municipality	Mgibe Ngobo		ragavaloo@mweb.co.za
Ingwe Local Municipality	Mr N C Zezi	039-833 1038	mgibe.gcobo@gmail.com
Ingwe Local Municipality	Mr T Mazibuko	039 833 1038	vezin@ingwe.gov.za
Ingwe Local Municipality	Mr D Smith	039 833 1038	planner@kwasani.gov.za
Ingwe Local Municipality	Mr Z Dlamini	039 833 1038	Smithd@ingwe.gov.za
Mkhambathini Local Municipality	Devon Pillay		dlaminiz@ingwe.gov.za
Mkhambathini Local Municipality	Elaine Donaldson		mm@mkhambathini.gov.za
Mkhambathini Local Municipality	Mike Dondo		Sonja.britz@mkhambathini.gov.za; ssbritz@gmail.com; elained4@gmail.com

Note: Additional Authorities will be included in the overall database of Interested and Affected Parties during the Scoping Phase.

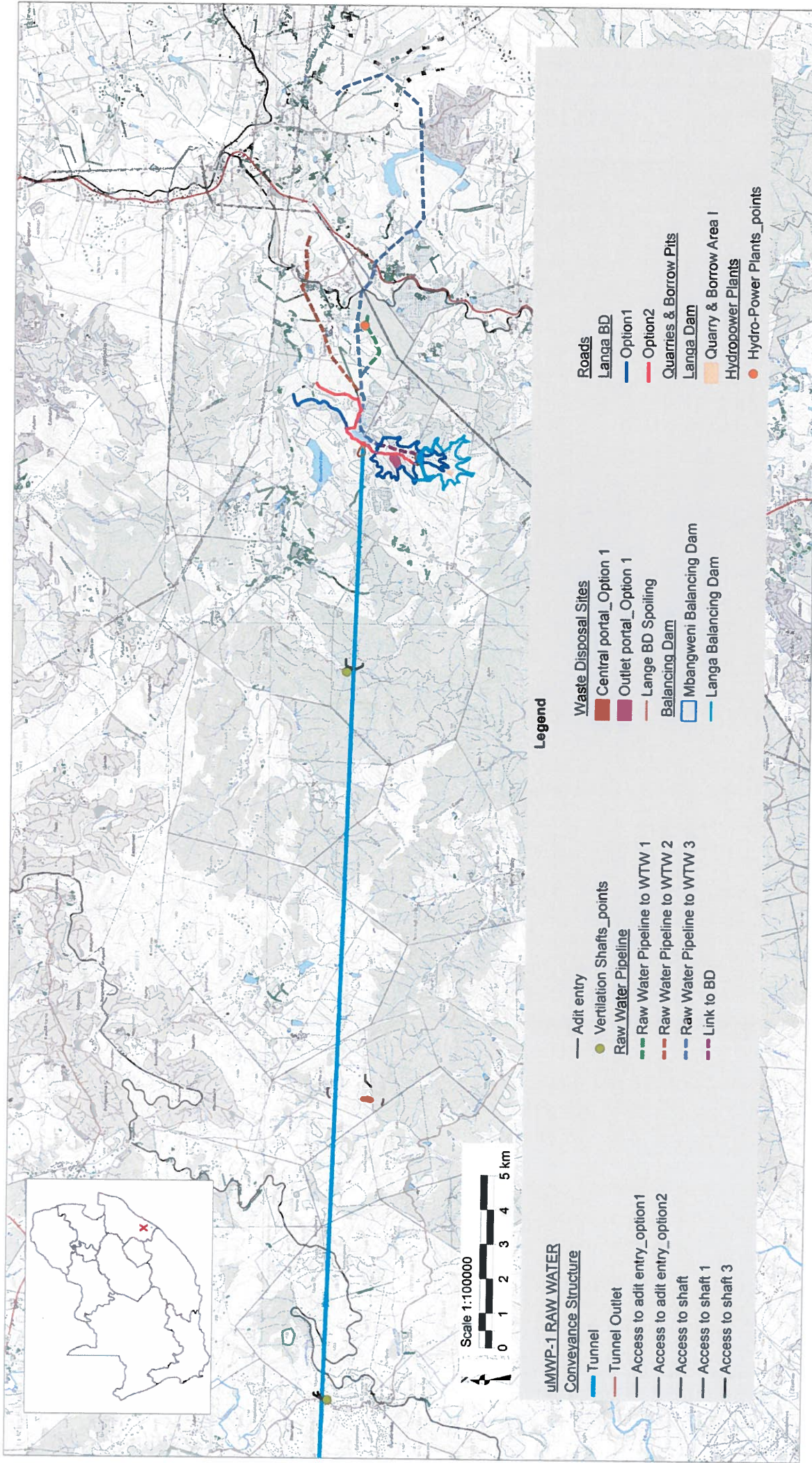
APPENDIX 5: PROJECT MAPS



Regional Map – uMWP-1 Raw Water & Potable Water (Note – not all sub-components shown)



Locality Map – uMWP-1 Raw Water (western side)



Locality Map – uMWP-1 Raw Water (eastern side)

APPENDIX 6: LIST OF SGIDS

Note: SG Codes are contained in Appendix 3

APPENDIX 7: PROJECT SCHEDULE

APPENDIX 8: EAP DECLARATION OF INTEREST

The Environmental Assessment Practitioner

I, Donavan Henning, declare that -

General declaration:


I act as the independent environmental practitioner in this application
I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
I declare that there are no circumstances that may compromise my objectivity in performing such work;
I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
I will comply with the Act, regulations and all other applicable legislation;
I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
I have no, and will not engage in, conflicting interests in the undertaking of the activity;
I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
I will keep a register of all interested and affected parties that participated in a public participation process; and
I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
all the particulars furnished by me in this form are true and correct;
will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;

~~I have a vested interest in the proposed activity proceeding, such vested interest being:-~~

N/A



Signature of the environmental assessment practitioner:

Nemai Consulting

Name of company:

17 November 2015

Date:



water & sanitation

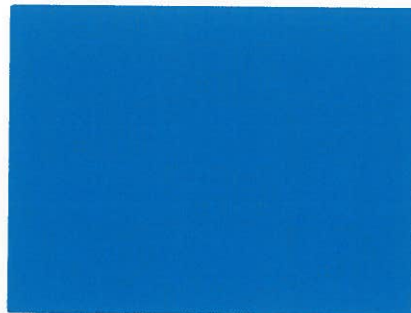
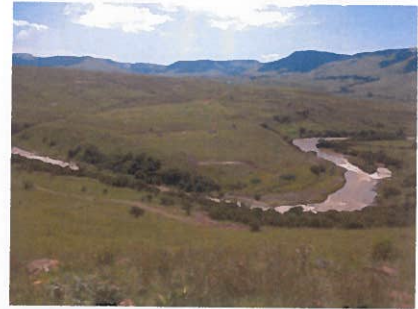
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

THE UMKHOMAZI WATER PROJECT PHASE 1 – RAW WATER COMPONENT

SMITHFIELD DAM

**APPLICATION FOR AUTHORISATION IN TERMS OF THE NATIONAL
ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998), AS AMENDED
AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010**

September 2015



P.O. BOX 1673
SUNNINGHILL
2157

147 Bram Fischer Drive
FERNDALE
2194

Tel: 011 781 1730
Fax: 011 781 1731
Email: info@nemai.co.za



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

The uMkhomazi Water Project Phase 1: Raw Water Component – Smithfield Dam

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
9. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report must also be submitted.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268
Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.deat.gov.za/> for the latest version of the documents.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

Refer to Appendix 3 for a list of the properties affected by the uMWP-1 Raw Water infrastructure.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--


(if there are more than 6, please attach a list with the rest of the numbers)
(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

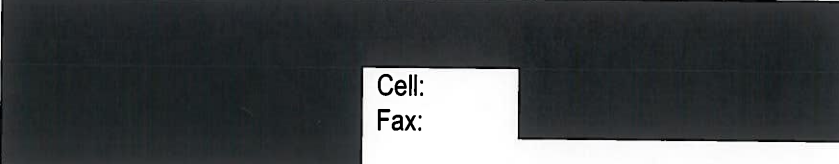
PROJECT TITLE

The uMkhomazi Water Project Phase 1: Raw Water Component – Smithfield Dam

1. BACKGROUND INFORMATION

Project applicant:	Department of Water and Sanitation		
Trading name (if any):	-		
Contact person:	Kobus Bester		
Physical address:	185 Frances Baard Street, Sedibeng Building, Pretoria		
Postal address:	Private Bag X313, PRETORIA		
Postal code:	0001	Cell:	084 517 5560
Telephone:	012 336 8071	Fax:	012 336 7399
E-mail:	BesterK@dwa.gov.za		

Provincial Authority:	<i>Refer to Appendix 4 for a list of the relevant government departments</i>			
Contact person:				
Postal address:				
Postal code:				Cell:
Telephone:				Fax:
E-mail:				

Landowner:	<i>Refer to Appendix 3 for a list of the landowners</i>			
Contact person:				
Postal address:				
Postal code:				Cell:
Telephone:				Fax:
E-mail:				

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Note: The western portion of the project area, including Smithfield Dam and the first \pm 21 km of the tunnel, falls under Traditional Authority and state land. The area is characterised by traditional homestead settlements and rural subsistence agriculture. The eastern part of the project area, which includes the remaining part of the tunnel (\pm 13 km), balancing dam and raw water pipeline, is privately owned and predominantly used for commercial farming and forestry. DWS will need to acquire the land earmarked for the project implementation. In terms of regulation 54(5) of Government Notice No. R543, the project sought a deviation from regulation 12(2)(b)(i), which stipulates that proof of written notification to the landowner / person in control of the land must be submitted with the Application Form. As part of the EIA, public participation will be conducted in accordance with regulation 54 of Government Notice No. R 543, which will include formal written notification of all affected landowners / person(s) in control of land. The contact details associated with the affected properties will be provided in the Scoping Report.

Local authority in whose jurisdiction the proposed activity will fall:	Harry Gwala District Municipality & Ingwe Local Municipality)
--	---

Nearest town or districts:

Bulwer

Contact person:

Refer to Appendix 4 for a list of the relevant government departments

Postal address:

Postal code:

Telephone:

E-mail:

Cell:

Fax:

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

Refer to Appendix 4

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

2.1 For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant notice) : Describe each listed activity as per project description¹:

544, 18 June 2010	9	Bulk water infrastructure associated with Smithfield Dam
544, 18 June 2010	10	The exact dimensions and power throughput of the sub-stations that are assumed to be required for the pump-stations related to the dams, pipelines and/or tunnel at the various sites of the project, are not yet finalised. It is, however, assumed that they could trigger this activity threshold (i.e. over 33 kV). In addition, existing power lines at the Smithfield Dam need to be relocated.
544, 18 June 2010	11	<ul style="list-style-type: none">• A number of watercourses could be impacted on by this development. The extent and significance of this impact will be determined through the EIA process.• The uMkhomazi River will be affected by Smithfield Dam primarily in terms of the basin (in-stream impoundment) and the river diversion.• A flow gauging station is proposed on the uMkhomazi River.• In addition, tributaries of the uMkhomazi River may be modified by (a) inundation from the dam, (b) crossings for related facilities (e.g. pipeline crossings, access road crossings, power lines, culverts, footprints of infrastructure intruding into the floodplain / 32 m buffer area along watercourses, etc.).
544, 18 June 2010	13	"Dangerous goods" that are likely to be associated with the greater project, are fuel stores for generators at the various pumping station sites, as well as any such goods used during the construction phase.
544, 18 June 2010	18	The uMkhomazi River will be affected during the construction of various dam related infrastructure, gauging weir, linking pipelines, and access roads.
544, 18 June 2010	19	Quarries and borrow areas to be created to obtain construction material (e.g. concrete aggregates and earth embankment).
544, 18 June 2010	20	
544, 18 June 2010	22	Access roads to the various sites (dam wall, outlet structure, etc.) as well as relocation of roads that will be inundated.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

544, 18 June 2010	23	<ul style="list-style-type: none"> • Significant area to be inundated by the Smithfield Dam. • Quarries and borrow areas to be created to obtain construction material (concrete aggregates and earth embankment). • Operator housing / offices and fencing to be built.
544, 18 June 2010	24	Operator housing / offices and fencing to be built.
544, 18 June 2010	26	Given the sheer size of the area impacted on by the proposed project the potential to impact on a species of biodiversity importance, as well as areas that show a combination of biodiversity relevant factors, is highly probable.
544, 18 June 2010	39	Existing infrastructure not specifically related to the project may be impacted on by the proposed development, such as the possible upgrading of existing road bridges and other infrastructure within 32m of a watercourse.
544, 18 June 2010	40	Existing infrastructure not specifically related to the project may be impacted on by the proposed development.
544, 18 June 2010	47	Widening or lengthening of existing roads to create access roads, and for the relocation of roads that will be inundated.
544, 18 June 2010	56	Possible phased activities that may collectively trigger this listed activity.
545, 18 June 2010	10	Water is transferred from the uMkhomazi River (from Smithfield Dam) to the Umlaas Road reservoir at a rate of 8.65m ³ /s.
545, 18 June 2010	15	Large area to be inundated by Smithfield Dam. Water surface area at Full Supply Level = 9.53 km ² .
545, 18 June 2010	18	Relocation of existing road R617, which is administered by the Kwazulu-Natal Department of Transport.
545, 18 June 2010	19	Dam wall height for Smithfield Dam (at 930 masl) will exceed thresholds.
545, 18 June 2010	20	Quarries and borrow areas to be created to obtain construction material (concrete aggregates and earth embankment).
545, 18 June 2010	21	
546, 18 June 2010	2(a)(iii)	Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	4(a)(ii)	Access roads to the various sites (dam wall, outlet structure, etc.) as well as relocation of roads that will be inundated, which may be located in areas that are deemed to be important from a biodiversity perspective.
546, 18 June 2010	10(a)(ii)	Temporary storage of dangerous goods (e.g. fuel) during the construction phase. Possible occurrence of sensitive biodiversity features in the project area.
546, 18 June 2010	12	Construction activities will involve extensive clearance of vegetation (300 square metres or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	13	Construction activities will involve extensive clearance of vegetation (1 hectare or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	14	Construction activities will involve extensive clearance of vegetation (5 hectares or more, where 75% or more of the vegetative cover constitutes indigenous vegetation). Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	16(a)(ii)	Construction of infrastructure within watercourse. Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	19(a)(ii)	Access roads as well as relocation of roads that will be inundated. Possible occurrence of sensitive biodiversity features at affected

		areas.
546, 18 June 2010	24(a)(ii)	Construction of infrastructure within watercourse. Possible occurrence of sensitive biodiversity features at affected areas.
546, 18 June 2010	26	Possible phased activities that may collectively trigger this listed activity.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

- | | |
|--|---------|
| 3.1.1 National Environmental Management: Waste Act | Yes/No |
| 3.1.2 National Environmental Management: Air Quality Act | Yes/No |
| 3.1.3 National Environmental Management: Protected Areas Act | Yes*/No |
| 3.1.4 National Environmental Management: Biodiversity Act | Yes*/No |
| 3.1.5 Mineral Petroleum Development Resources Act | Yes/No |
| 3.1.6 National Water Act | Yes/No |
| 3.1.7 National Heritage Resources Act | Yes/No |
| 3.1.8 Other (please specify) | Yes/No* |

** To be determined during EIA process.*

3.2 Have such applications been lodged already? Yes/No

4. DECLARATIONS

4.1 The Applicant

I, SA Bester, declare that I -

- am, or represent², the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner³;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.



Signature of the applicant⁴/ Signature on behalf of the applicant:

DEPARTMENT OF WATER AND SANITATION

Name of company (if applicable):

16/09/2015

Date:

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

PART E: LIST OF APPENDICES

		SUBMITTED
Appendix 1	Proof of Payment	N/A
Appendix 2	Strategic Infrastructure Projects	YES
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.	YES
Appendix 4	List of Organs of State and applicable authorities (with contact details)	YES
Appendix 5	Project map	YES
Appendix 6	List of SGIDs	YES
Appendix 7	Project schedule	YES
Appendix 8	Declaration of EAP	YES

APPENDIX 1: PROOF OF PAYMENT/MOTIVATION FOR EXCLUSION

Not Applicable, as applicant is a National Department

APPENDIX 2: STRATEGIC INFRASTRUCTURE PROJECTS

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- Unlock mineral resources
- Rail, water pipelines, energy generation and transmission infrastructure
- Thousands of direct jobs across the areas unlocked
- Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project
- Rail capacity to Mpumalanga and Richards Bay
- Shift from road to rail in Mpumalanga
- Logistics corridor to connect Mpumalanga and Gauteng.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- Strengthen the logistics and transport corridor between SA's main industrial hubs
- Improve access to Durban's export and import facilities
- Integrate Free State Industrial Strategy activities into the corridor
- New port in Durban
- Aerotropolis around OR Tambo International Airport.

SIP 3: South-Eastern node & corridor development

- New dam at Mzimvubu with irrigation systems
- N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains
- Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape
- A manganese sinter (Northern Cape) and smelter (Eastern Cape)
- Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.

SIP 4: Unlocking the economic opportunities in North West Province

- Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure
- Enabling reliable supply and basic service delivery
- Facilitate development of mining, agricultural activities and tourism opportunities
- Open up beneficiation opportunities in North West Province.

SIP 5: Saldanha-Northern Cape development corridor

- Integrated rail and port expansion
- Back-of-port industrial capacity (including an IDZ)
- Strengthening maritime support capacity for oil and gas along African West Coast
- Expansion of iron ore mining production and beneficiation.

SIP 6: Integrated municipal infrastructure project

Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.

SIP 7: Integrated urban space and public transport programme

Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.

SIP 8: Green energy in support of the South African economy

Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.

Indicate capacity in MW:

SIP 9: Electricity generation to support socioeconomic development

Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.

Indicate capacity in MW:

SIP 10: Electricity transmission and distribution for all

Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development.

Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.

SIP 11: Agri-logistics and rural infrastructure

Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.

SIP 12: Revitalisation of public hospitals and other health facilities

Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.

SIP 13: National school build programme

A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.

SIP 14: Higher education infrastructure

Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.

SIP 15: Expanding access to communication technology

Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas.

While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.

The school roll-out focus is initially on the 125 Dinaledi (science and maths-focused) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.

SIP 17: Regional integration for African cooperation and development

Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.

The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.

All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.

SIP 18: Water and sanitation infrastructure

A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.

The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.

APPENDIX 3: LIST OF LANDOWNERS AND PROOF OF LANDOWNER NOTIFICATION

uMWP-1 RAW WATER – Smithfield Dam

AFFECTED PROPERTIES

The properties affected by the uMWP-1 Raw Water – Smithfield Dam are shown below and listed in the table to follow. Note that the Scoping Report will contain further details on the affected properties and the affected landowners.

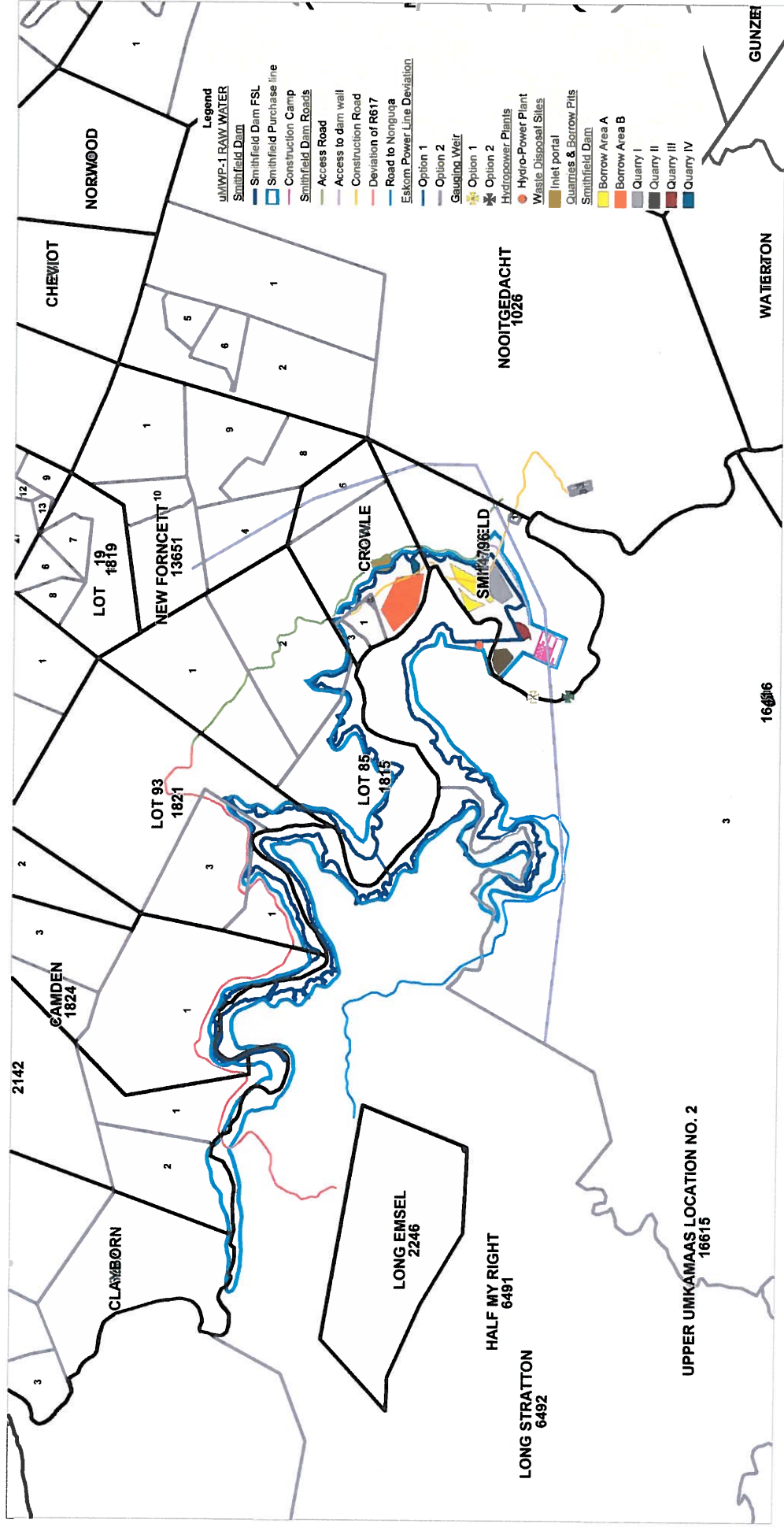


Figure 1: Properties affected by uMWP-1 Raw Water – Smithfield Dam

SMITHFIELD DAM

SG Code	Farm	Ptn	Organisation
N0FS0000000214200005	The Rest 2142	5	Department of Rural Development & Land Reform (DRD&LR)
N0FS0000000214200001	The Rest 2142	1	DRD&LR
N0FS00000001661500002	16615	2	KwaZashuke Tribal Council
N0FS00000001661500003	16615	3	
N0FS0000000182400001	Camden 1824	1	DRD&LR
N0FS0000000182100001	Lot 93 1821	1	DRD&LR
N0FS0000000182100003	Lot 93 1821	3	DRD&LR
N0FS0000000182100000	Lot 93 1821	0	DRD&LR
N0FS0000000181500000	1815	0	DRD&LR
N0FS0000000181500002	1815	2	DRD&LR
N0FS0000000226000003	Crowle 2260	3	Ndukuyezulu Ngcobo
N0FS0000000226000001	Crowle 2260	1	Thembinkosi Stanford Kheswa
N0FS0000000226000004	Crowle 2260	4	DRD&LR
N0FS0000000226000000	Crowle 2260	0	DRD&LR Smithfield Farm Communal Property Association
N0FS00000001479600000	Smithfield 14796	0	DRD&LR

GAUGING WEIRS

SG Code	Farm	Ptn	Organisation
N0FS00000001485100014	Compensation 14851	14	Trust
N0FS0000000214200005	The Rest 2142	5	DRD&LR
N0FS00000001661500003	16615	3	Tribal Land
N0FS00000001479600000	Smithfield 14796	0	DRD&LR
N0FT00000001586200000	Riverbank 15862	0	Singosi Holdings Pty Ltd

RELOCATION OF POWER LINE

SG Code	Farm	Ptn	Organisation
N0FS00000001661500002	16615	2	Tribal Land
N0FS0000000214200004	The Rest 2142	4	Tribal Land
N0FS0000000214200005	The Rest 2142	5	DRD&LR
N0FS0000000182400001	Camden 1824	1	DRD&LR
N0FS0000000182100003	Lot 93 1821	3	DRD&LR
N0FS0000000182100000	Lot 93 1821	0	DRD&LR
N0FS0000000181500001	1815	1	Tribal Land
N0FS0000000181500002	1815	2	DRD&LR

RELOCATION OF ROADS

- Smithfield Dam

SG Code	Farm	Ptn	Organisation
N0FS0000000182100000	Lot 93 1821	0	DRD&LR
N0FS0000000182400001	Camden 1824	1	DRD&LR
N0FS0000000182100001	Lot 93 1821	1	DRD&LR
N0FS0000000182100003	Lot 93 1821	3	DRD&LR
N0FS00000001661500002	16615	2	Tribal Land
N0FS00000001661500003	16615	3	Tribal Land
N0FS0000000181500002	1815	2	DRD&LR
N0FS0000000226000000	Crowle 2260	0	DRD&LR
N0FS00000001479600000	Smithfield 14796	0	DRD&LR
N0FS0000000102600000	Nooitgedacht 1026	0	Amaqadi Traditional Council

SPOIL SITES

- Western Portal

SG Code	Farm	Ptn	Organisation
N0FS0000000022600000	Crowle 2260	0	DRD&LR

QUARRIES & BORROW PITS

- Smithfield Dam

SG Code	Farm	Ptn	Organisation
N0FS0000000022600000	Crowle 2260	0	DRD&LR
N0FS0000000147960000	Smithfield 14796	0	DRD&LR

LANDOWNER NOTIFICATION

Exemption was sought from DEA from landowner notification during the application phase of the EIA. Although some meetings had already been convened as part of the overall Feasibility Study with key parties, which included Traditional Authorities and Baynesfield Estate, all the affected landowners had not yet been notified of the project in the application phase due to the sheer extent of the project footprint.

As part of the EIA, public participation will be conducted in accordance with regulation 54 of Government Notice No. R 543, which will include formal written notification of all affected landowners / person(s) in control of land. The contact details associated with the affected properties will be provided in the Scoping Report.

APPENDIX 4: LIST OF ORGANS OF STATE AND APPLICABLE AUTHORITIES

UMWP-1 RAW WATER

RELEVANT GOVERNMENT DEPARTMENTS

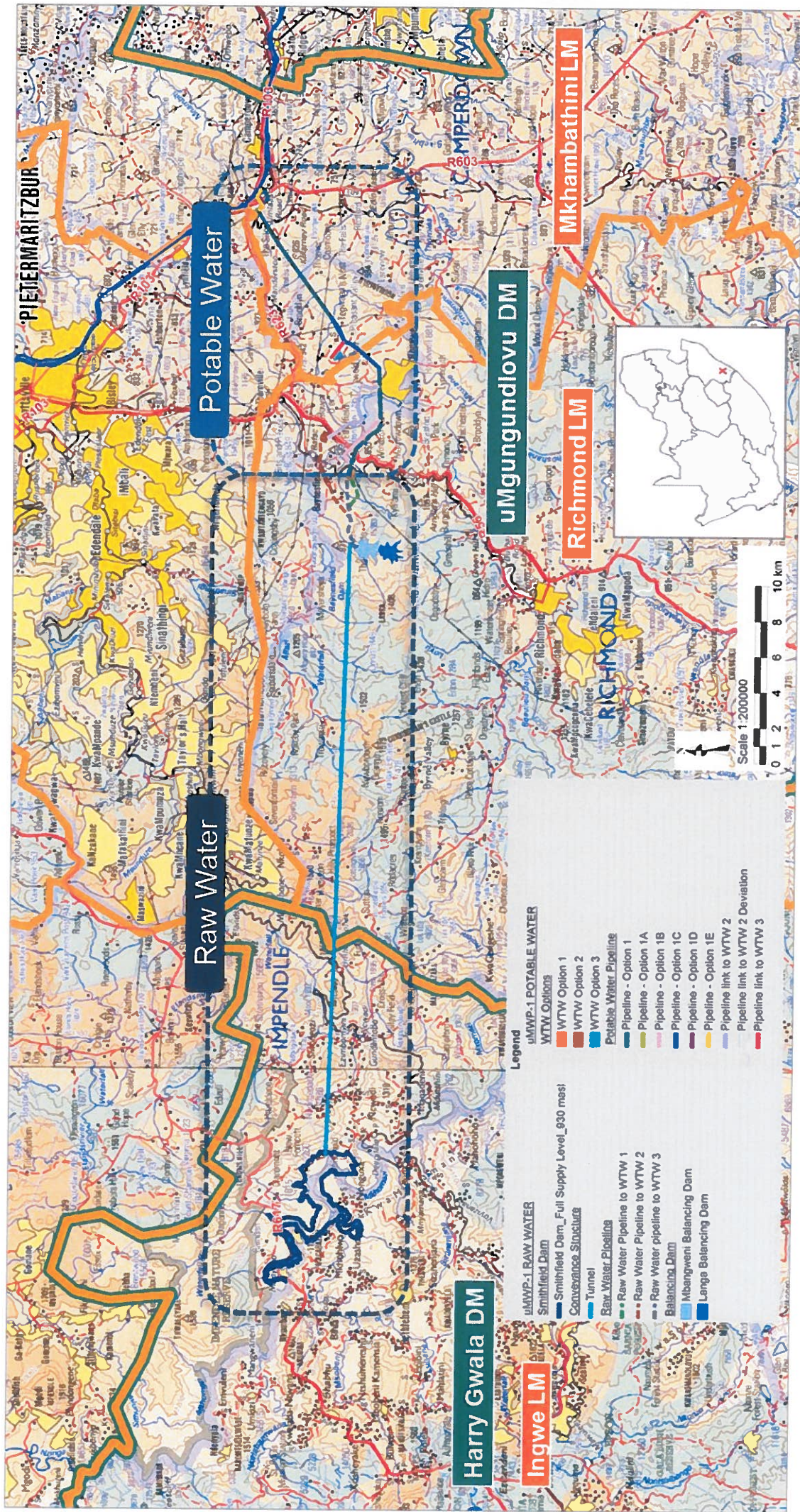
Organisation / Affiliation	Contact Name	Tel. No.	Email
Department of Environmental Affairs (DEA)	Mmaitlala Rabothata	012 395 1768	mrabothata@environment.gov.za
DEA	Sindiswa Dlomoo	012 399-9390	sdlomoo@environment.gov.za
DEA	Lucas Mahlangu		lmahlangu@environment.gov.za
DEA	Danie Smit	012 310 3659	dsmit@environment.gov.za
DEA	Pumeza Skepe	012 310 3061	PSkepe@environment.gov.za
DEA	Masina Litsokane	012 395 1778	MLitsokane@environment.gov.za
DEA	Zinhle Mbili	012 310 3649	ZMbili@environment.gov.za
KZN DAEAMacro-Planning (Land Use Regulatory)	Zibusiso Dlamini	033 355 9331/9	zibusiso.dlamini@kzndae.gov.za
KZN DAEA	Muhammad Essop	033 347 1820	muhammad.essop@kzndae.gov.za
KZN DAEA	Sibusiso Mthembu	033 343 8087	sibusiso.mthembu@kzndae.gov.za
KZN DAEA	Viloshnee Pillay	031 3022 864	Viloshnee.naidoo@kzndae.gov.za
KZN DAEA	Yugeshnie Govender	031 3022 824	Yugeshni.govender@kzndae.gov.za
KZN DAEA	Heather Sheard	033 343 8177 / 033 355 9621	heather.sheard@kzndae.gov.za
Ezemvelo KZN Wildlife	Dominic Wieners	033 845 1455	wienersd@kznwildlife.com
Ezemvelo KZN Wildlife	Jenny Longmore	033 845 1349	longmorf@kznwildlife.com
Ezemvelo KZN Wildlife	Bheka Nxale	033 845 1902	nxeleb@kznwildlife.com
Ezemvelo KZN Wildlife	Peter Massyn		massynp@kznwildlife.com
Ezemvelo KZN Wildlife	Athol Marchant	033 239 1513	athol@kznwildlife.com
Ezemvelo KZN Wildlife	Ian Rushworth	033 239 1511	ianr@kznwildlife.com
Ezemvelo KZN Wildlife	Mbuyiselo Gxashi	033 996 9613	gxashim@kznwildlife.com
Department of Mineral Resources (DMR)	Karoon Moodley	031 335 9600	Karoon.moodley@dmr.gov.za
DMR	Nomonde Qhwaya	031 335 9600	nomonde.qhwaya@dmr.gov.za
DMR	Zama Zulu	031 335 9600	zama.zulu@dmr.gov.za
DMR	Sibonelo Mkhize	031 355 9600	Sibonelo.mkhize@dmr.gov.za
Department of Water Affairs (DWA): KZN Region	Norman Ward	031 336 2737	WardN@dwa.gov.za
DWA KZN		031 336 2700	TycoatC@dwa.gov.za
DWA	Niel van Wyk	012 336 8327	vanwykn@dwa.gov.za
DWA KZN	James Perkins	031 336 2700	perkinsjc@dwa.gov.za
DWA KZN	Angela Masefield	031 336 2737	angelam@dwa.gov.za
DWA KZN	Ronell Pillay	031 336 2759	pillayr@dwa.gov.za

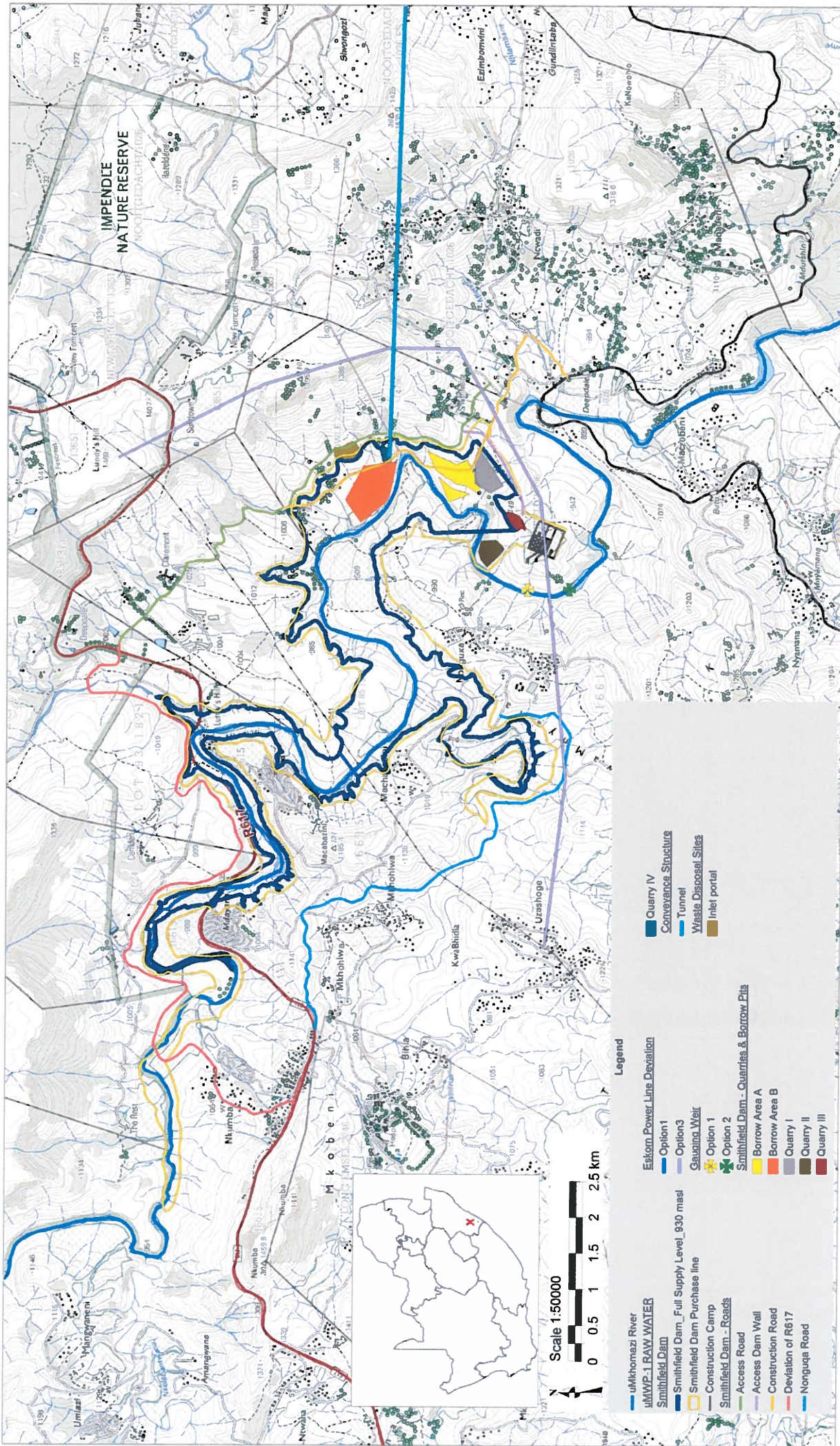
Organisation / Affiliation	Contact Name	Tel. No.	Email
DWA KZN	Shaun Naidoo	031 336 2735	naidoo@dwa.gov.za
DWA KZN	Zamashenge Hadebe	031 336 2767	hadebez@dwa.gov.za
DWA KZN	Sibusiso Mathonsi	031 336 2700	MathonsiS@dwa.gov.za
DWA KZN	Buthelezi Siyabonga NP	031 336 2700	ButheleziS2@dwa.gov.za
DWA KZN	Jay Reddy	031 336 2702	reddyj@dwa.gov.za
DWA H/O	Anet Muir	012 336 7500	muira@dwa.gov.za
DWA H/O	Pieter Ackerman	012 336 8217	AckermanP@dwa.gov.za
DWA H/O	Mishelle Govender	012 336 8681	GovenderM@dwa.gov.za
DWA KZN	Abdulla Sayed		SayedA@dwa.gov.za
DWA KZN	Sireeka Harilal		HarilalS@dwa.gov.za
Department of Agriculture, Forestry and Fisheries (DAFF)	Wiseman Rozani	033 392 7761	WisemanR@daff.gov.za
DAFF	Kim Weir	033 992 7706	KimW@nda.agric.za
DAFF	Phindile Bhungane		PhindileB@daff.gov.za
DAFF	Zanele Linda	033 345 3515	zanelel@nda.agri.za
DAFF	Nandipha Sontangane	033 392 7738	NandiphaS@nda.agric.za
Department of Cooperative Governance and Traditional Affairs (COGTA)	Ms D N Qhobosheane	033 395 2831	nonhlanhla.qhobosheane@kzncogta.gov.za
COGTA	Nandi Sikutshwa		nandi.sikutshwa@kzncogta.gov.za
COGTA	Mr. Ivan Scholtz	033 395 2831	ivan.scholtz@kzncogta.gov.za
COGTA	John Johnson	033 355 6489	john.johnson@kzncogta.gov.za
COGTA	Ntokozo Chonco	033 395 2038	ntokochochonco @kzncogta.gov.za
COGTA	Bhekani Shabalala	033 897 5602	bhekani.shabalala@kzncogta.gov.za
KZN Cogta	Vello Govender	033 355 6199	vello.govender@kzncogta.gov.za
COGTA	Khanya Nzimande	031 2041722	Khanya.nzimande@kzncogta.gov.za
Department of Transport	Robert Lindsay	033 355 0555	Robert.Lindsay@Kzntransport.gov.za
Department of transport	Michele Schmid	082 902 0120	Michele.schmid@kzntransport.gov.za
Department of Transport	T. Dingiswayo	083 645 8463	Tholakele.dingiswayo@kzntransport.gov.za
Department of Transport	Sibongile Somi	039 682 0124	sibongile.somi@kzntransport.gov.za
Department of Transport	G Perumal	031 700 2222	gerald.perumal@kzntransport.gov.za
Department of Transport	M Marshall	039 682 0124	mike.marshall@kzntransport.gov.za
Department of Transport	Sydney Nzaba	033 3558648	sydney.nzaba@kzntransport.gov.za
Department of Transport	Antoinette Gibson		antoinette.gibson@kzntransport.gov.za
Department of Economic Development & Tourism	Makhosi Nzizi	033 264 2648	nzizim@kznded.gov.za / mbathal@kznded.gov.za
Department of Economic Development & Tourism	Sandile Ngcobo	033 264 2648	ngcobo@kznded.gov.za
Department of Economic Development & Tourism	Keshnee Williams	033 264 2515	keshnee.williams@kznded.gov.za
Department of Energy	Xolile Mthwa	031 335 9609	xolile.mthwa@energy.gov.za
Amatfa AkwaZulu-Natali /Heritage KZN	Bernadet Pawandiwa	033 394 6543	bernadeti@amatfapmb.co.za

Organisation / Affiliation	Contact Name	Tel. No.	Email
Amafa / KZN Heritage	Annie van de Venter Radford	033 394 6543	amafa.pmb2@mweb.co.za
Department of Public Works	A. Govender	033 355 5562	amafadps@amafa.pmb
Dept of Land Affairs	Bheki Ndlovu	039 682 2295	Head.Works@kznworks.gov.za
Department of Land Affairs	N Makhaya	033 355 4388	bnlovu@ruraldevelopment.gov.za
Dept of Land Affairs: State Land Administration	Skhumbuzo Ntombela	033 355 4322	nmakhaya@ruraldevelopment.gov.za
Dept of Rural Development and Land Reform	Denver S Ince	033 355 4300	ssntombela@ruraldevelopment.gov.za
Umgungundlovu District Municipality	Bheki Mbambo	033 897 6700	DSince@ruraldevelopment.gov.za
Umgungundlovu District Municipality	Sibusiso Khuzwayo	033 897 6700	bheki.mbambo@umdm.gov.za
Harry Gwala District Municipality	Bheki Makwakwa	039 834 8703	sibusiso.khuzwayo@umdm.gov.za
Harry Gwala District Municipality	Nhlanhla Mabaso	039 834 8700	makwakwab@sonkedm.gov.za
Harry Gwala District Municipality	Thami Makhanya	039 834 8700	mabasom@sonkedm.gov.za
Harry Gwala District Municipality	Sifiso Phoswa	039 834 8700	makhanya@sonkedm.gov.za
Richmond Local Municipality	Sibusiso Sithole	033 212 2155	phoswas@sonkedm.gov.za
Richmond Municipality	Deago Harper	0332122155	sibusiso.sithole@richmond.gov.za
Richmond Local Municipality	Antonette Whyte	033 212 2155 Ext 229	deagoharper@gmail.com
Richmond Local Municipality	Mr M J Sithole	033 212 2155	antonette.whyte@ignet.org.za
Richmond Local Municipality	Nana Mzila	033 212 2155	sitholem@richmond.gov.za
Richmond Local Municipality	Traveleen Joice	033 212 2155	nanzil@yahoo.com.au
Richmond Local Municipality	Cllr Andrew Ragavaloo		joice@richmond.gov.za
Richmond Local Municipality	Mgibe Ngobo		ragavaloo@mweb.co.za
Ingwe Local Municipality	Mr N C Zezi	039-833 1038	mgibe.gcobo@gmail.com
Ingwe Local Municipality	Mr T Mazibuko	039 833 1038	vezin@ingwe.gov.za
Ingwe Local Municipality	Mr D Smith	039 833 1038	planner@kwasani.gov.za
Ingwe Local Municipality	Mr Z Dlamini	039 833 1038	Smithd@ingwe.gov.za
Mkhambathini Local Municipality	Devon Pillay		diaminiz@ingwe.gov.za
Mkhambathini Local Municipality	Elaine Donaldson		mm@mkhambathini.gov.za
Mkhambathini Local Municipality	Mike Dondo		Sonja.britz@mkhambathini.gov.za
			ssbritz@gmail.com; elainedo4@gmail.com

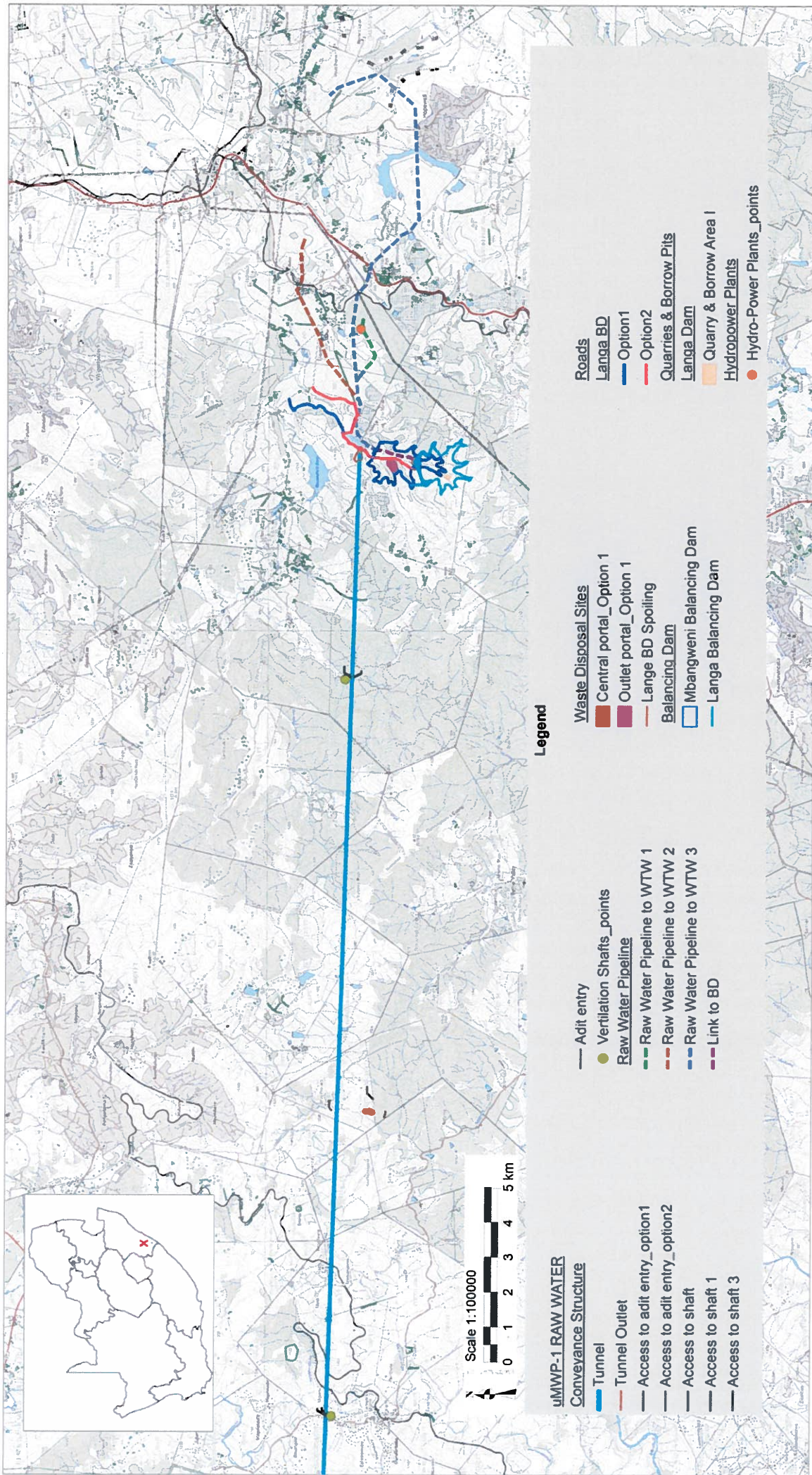
Note: Additional Authorities will be included in the overall database of Interested and Affected Parties during the Scoping Phase.

APPENDIX 5: PROJECT MAPS





Locality Map – uMWP-1 Raw Water (western side)



Legend

- | | | |
|------------------------------|-----------------------------|---------------------------|
| uMWP-1 RAW WATER | Waste Disposal Sites | Roads |
| Conveyance Structure | Central portal_Option 1 | Langa BD |
| Tunnel | Outlet portal_Option 1 | Option1 |
| Tunnel Outlet | Lange BD Spoiling | Option2 |
| Access to adit entry_option1 | Balancing_Dam | Quarries & Borrow Pits |
| Access to adit entry_option2 | Mbangweni Balancing Dam | Langa Dam |
| Access to shaft | Langa Balancing Dam | Quarry & Borrow Area I |
| Access to shaft 1 | | Hydropower Plants |
| Access to shaft 3 | | Hydro-Power Plants_points |

Locality Map – uMWP-1 Raw Water (eastern side)

APPENDIX 6: LIST OF SGIDS

Note: SG Codes are contained in Appendix 3

APPENDIX 7: PROJECT SCHEDULE

APPENDIX 8: EAP DECLARATION OF INTEREST

The Environmental Assessment Practitioner

I, *Donovan Henning*, declare that –

General declaration:

I act as the independent environmental practitioner in this application

I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant

I declare that there are no circumstances that may compromise my objectivity in performing such work;

I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;

I will comply with the Act, regulations and all other applicable legislation;

I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;

I have no, and will not engage in, conflicting interests in the undertaking of the activity;

I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;

I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;

I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;

I will keep a register of all interested and affected parties that participated in a public participation process; and

I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not

all the particulars furnished by me in this form are true and correct;

will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and

I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;

~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

N/A



Signature of the environmental assessment practitioner:

Nema Consulting

Name of company:

17 November 2015

Date: