



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



Environmental Impact Assessment for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System

APPLICATION FOR ENVIRONMENTAL AUTHORISATION



Draft

September 2016



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 the Regulations)

PROJECT TITLE

Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System

Kindly note that:

1. This application form is current as of 08 December 2014. 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. 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.
5. This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.
6. No faxed or e-mailed applications will be accepted. An electronic copy of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
7. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
8. 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 and declaration of interest of the specialist must also be submitted.

9. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

Departmental Details

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

<p>Postal address: Department of Environmental Affairs Attention: Director: Integrated Environmental Authorisations Private Bag X447 Pretoria 0001</p> <p>Physical address: Department of Environmental Affairs Attention: Director: Integrated Environmental Authorisations Environment House 473 Steve Biko Road Arcadia Pretoria</p> <p>Queries must be addressed to the contact below:</p> <p>Tel: 012 399 9372 E-mail: EIAAdmin@environment.gov.za</p> <p><i>Please note that this form <u>must</u> be copied to the relevant provincial environmental department/s.</i></p>

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

1. **PROOF OF PAYMENT**

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	<input type="checkbox"/>
The applicant is an organ of state	<input checked="" type="checkbox"/>

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number:</p>
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2. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

● BACKGROUND

○ The Western Cape Water Supply System

The Western Cape Water Supply System (WCWSS) serves the City of Cape Town (CCT), surrounding urban centres and irrigators. It consists of infrastructure components owned and operated by both the CCT and the Department of Water and Sanitation (DWS). The Western Cape Reconciliation Strategy Study (WCRSS) was commissioned by DWS (then the Department of Water Affairs and Forestry – DWAF) and CCT to facilitate the reconciliation of predicted future water requirement scenarios for a 25 year planning horizon. The WCRSS investigated a number of options such as desalination, effluent treatment for re-use, groundwater development and possible surface water augmentation options.

According to the Reconciliation Study undertaken in 2007, the WCWSS area's total present water use was estimated at about 465 million m³/a with the existing sources yielding only about 475 million m³/a. The Reconciliation Study also noted that whilst the Berg Water Project would increase this to 556 million m³/a from 2007, the estimated requirement in 2011 would be 560 million m³/a, with the implication that the system supply would then be fully utilised and thus additional interventions would thus be required at this time (Figure 1).

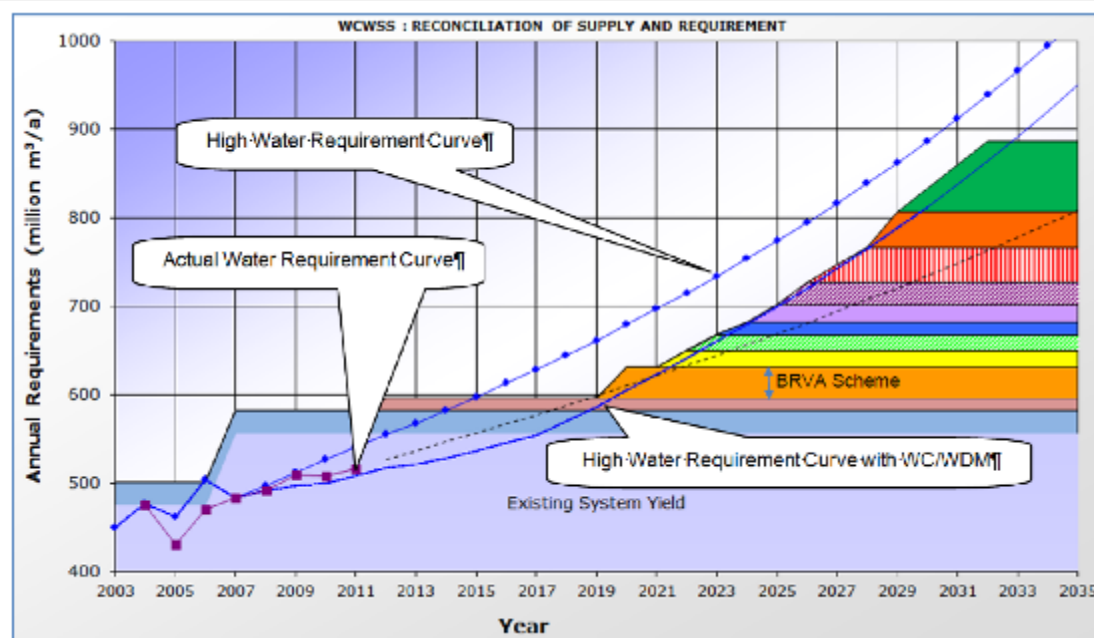


Figure 1: WCWSS Reconciliation of Supply and Requirements

Based on the above figure, the WCRSS identified the need for augmentation of the WCWSS by 2019. Based on this, the DWS appointed the Western Cape Water Consultants Joint Venture (WCWC JV) to undertake pre-feasibility level investigations into six potential surface water development options. These options included the following:

- Michell's Pass Diversion Scheme;
- First Phase Augmentation of Voëlvlei Dam;
- Further Phases of Voëlvlei Dam Augmentation;
- Molenaars River Diversion;
- Upper Wit River Diversion; and
- Further Phases of the Palmiet Transfer Scheme.

The six possible options were then prioritized to identify the two most viable options for further investigation at the Feasibility Study level in Phase 2. The Phase 1 outcome indicated the following two priority schemes.

- Berg River-Voëlvlei Augmentation Scheme (BRVAS) (also known as the First Phase Augmentation of Voëlvlei Dam); and
- Breede-Berg Transfer Scheme (BBTS) (also known as the Michell's Pass Diversion Scheme).

The Feasibility Study for augmentation of the WCWSS by means of further surface water developments found that the BRVAS option was the more favourable surface water intervention option for a number of reasons which include the following:

- The proposed abstraction site at Lorelei has favourable geology and sedimentation control characteristics and would also provide the shortest possible pipeline route to the Voëlvlei Dam;
- The proposed pipeline route offers opportunity to limit the environmental impact on the Voëlvlei Conservancy;
- The proposed rising main from the Berg River to Voëlvlei Dam would also serve as a closed conduit for making releases in summer, replacing the existing open canal which experiences substantial losses and spills;
- The water quality impacts of transferring winter water from the Berg River into the Voëlvlei Dam have been investigated and are not considered to be a limitation on the implementation of the scheme;
- Planning by the CCT's Bulk Water Department for future reservoirs and link pipelines to the existing CCT pipeline (feeding the Platteklouf Reservoir) would facilitate improved integration of this scheme into the WCWSS;
- The estimated capital cost of BRVAS scheme is relatively attractive; and
- The potential delivery of water by the BRVAS scheme would be possible by 2019, which is when the next water supply scheme to augment the WCWSS will be required.

○ **Existing Voëlvlei Government Water Scheme**

Voëlvlei Dam is owned by DWS and has an estimated yield of 105 million m³/annum but is currently over-allocated. It has a very small catchment of its own (31 km²) and thus relies on existing diversion schemes from the Klein Berg River, as well as the Leeu River and the Twenty Four River whereby water from these rivers is diverted into two canal systems into the dam. The Klein Berg Canal is 8 km long and has a capacity of 20 m³/s whilst the canal from the Leeu River and Twenty Four River is 29 km long with a capacity of 34 m³/s.

Both the West Coast District Municipality (WCDM) and the CCT own and operate Water Treatment Works (WTW) which are supplied from the Voëlvlei Dam. From the CCT WTW, a 1,5 m diameter pipeline of 80 km length conveys treated water that is pumped from the WTW to the City's Platteklouf Reservoir. This pipeline only has spare capacity in winter and this places a key constraint on the future uptake of water from the proposed scheme.

In addition, treated water is supplied to users in the WCDM (Malmesbury to St Helena Bay) via the Swartland WTWs (owned and operated by the WCDM) at the Voëlvlei Dam. Water is also released from the Voëlvlei Dam via an outlet canal into the Berg River from whence abstraction takes place at Miverstand Dam into the Withoogte WTW (also owned and operated by the WCDM).

As the dam is located within a winter rainfall area, characterised by wet winters and dry summers, it is filled during the wet winter months, from May to October, when about 90% of the annual runoff occurs. During this period the water requirement comprises only about 30% of the annual requirement. During the dry summer months, from November to April, inflows to the dams are small and irrigation and garden watering requirements in the urban areas are large. Approximately 50% of the dam's storage is required during the winter so that the high water requirement during the summer can be met. The remaining 50% of the dam's storage is required to provide long-term carry-over storage for periods of drought.

● PROJECT LOCATION

The project area is situated in Western Cape in the Drakenstein Local Municipality of the Cape Winelands District as well as the Swartland Local Municipality of the West Coast District. A locality map is shown in **Figure 2** and **Figure 3** below. Please note that larger maps are provided in Appendix 5. The maps provided below have been included to provide context.

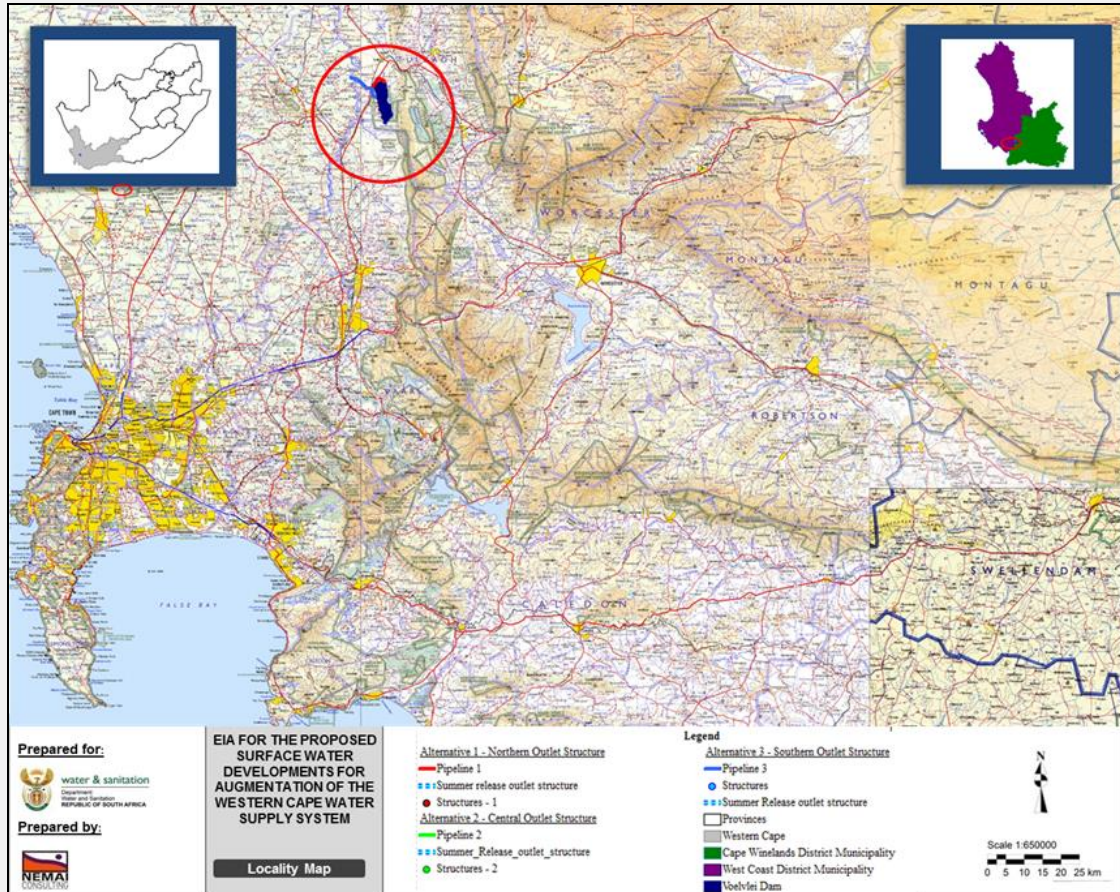


Figure 2: 1: 250 000 Locality Map

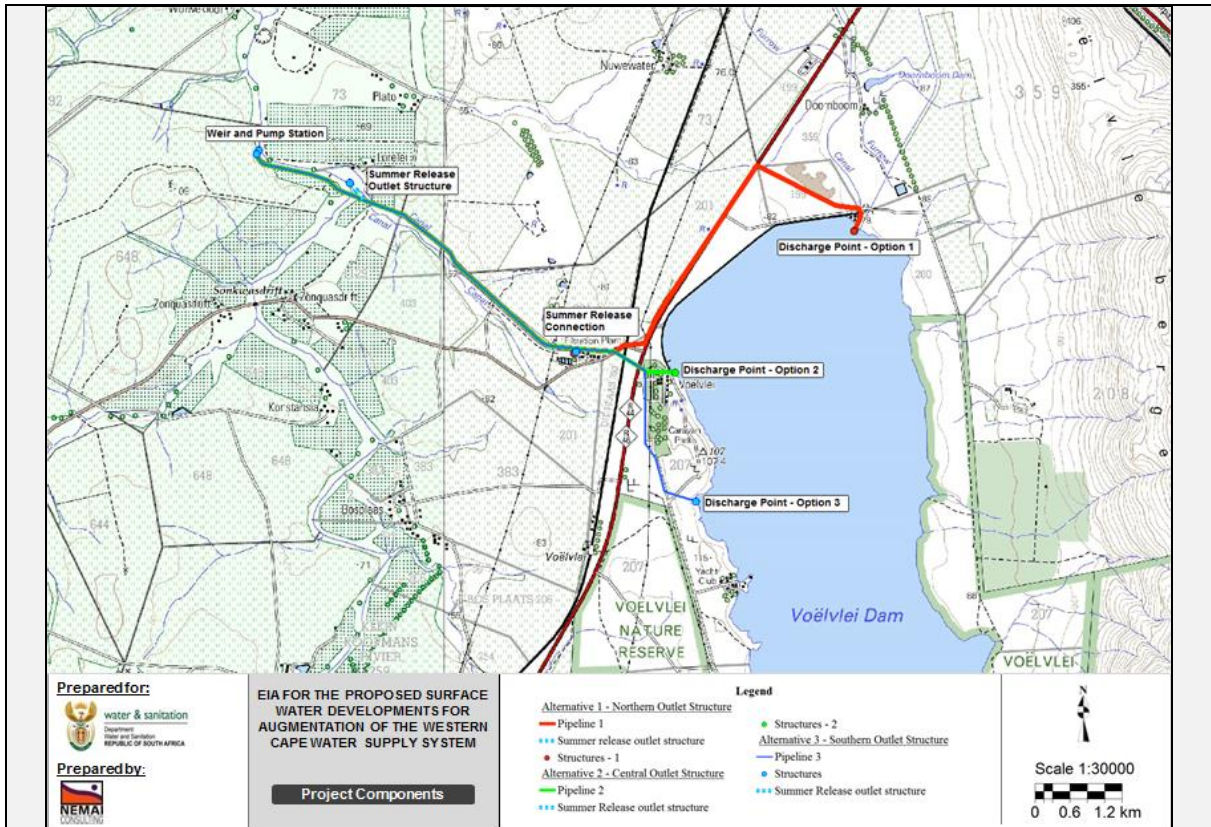


Figure 3: 1: 50 000 Locality Map

The proposed development falls within the Berg River Catchment of the Berg–Olifants Water Management Area (WMA). The Berg River Catchment covers an area of almost 9 000 km² in the Western Cape Province, and is subdivided into 12 quaternary catchments ranging in size from 125 km² near the headwaters to 2000 km² in the drier western parts of the catchment.

Both Voelvlei Dam and the proposed abstraction works and low level weir are located in quaternary catchment G10F (Figure 4).

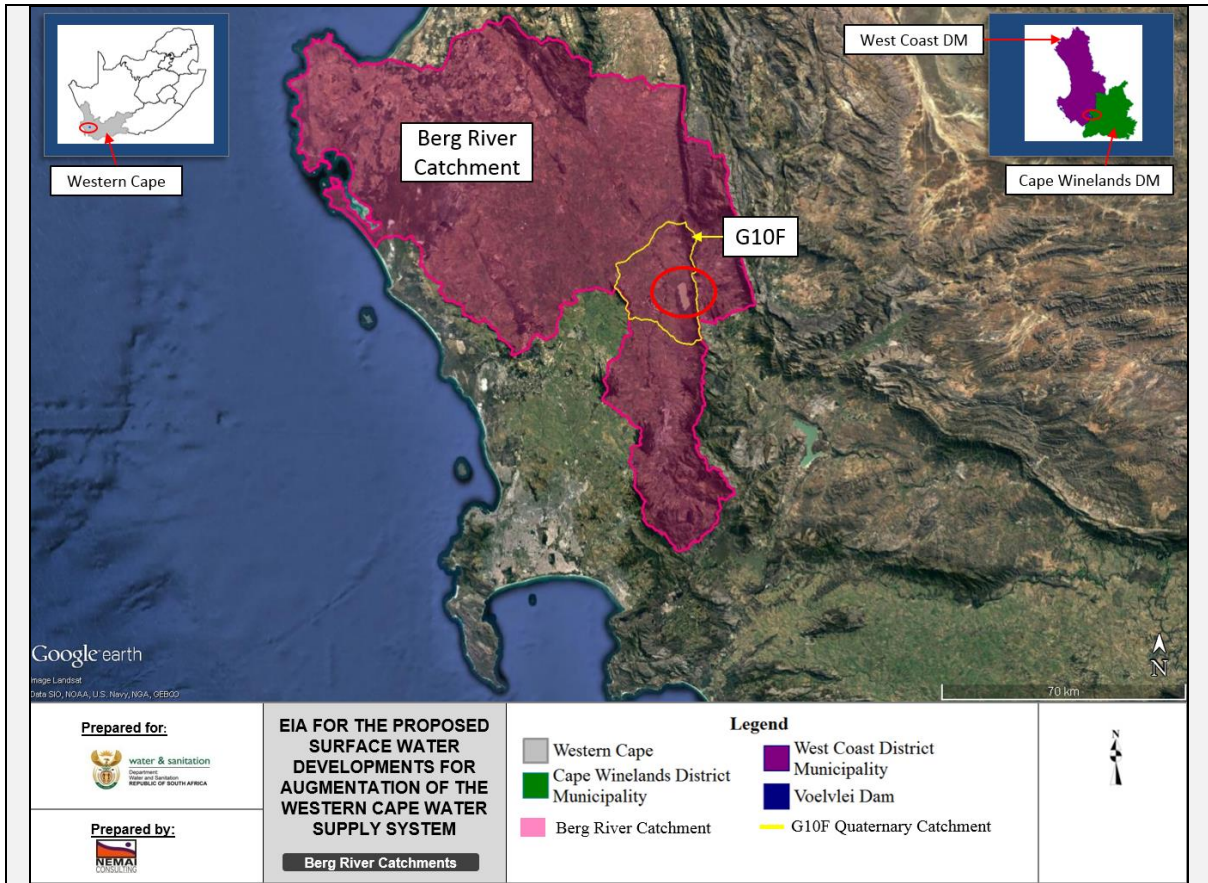


Figure 4: Catchment Context

● PROJECT DESCRIPTION

The scope of the EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS is limited to what was known as the BRVAS in the Feasibility Study undertaken in 2012. This includes the following project components:

- A low level weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voelvlei Dam;
- A potential new summer release connection at the existing Swartland Water Treatment Works to facilitate summer releases into the Berg River for environmental requirements thus eliminating the need to utilize the existing canal from which water losses occur.

Associated infrastructure will also be required:

- Abstraction works;
- Rising main pipeline and pump station;
- Diversion weir;
- Access roads during construction;
- Access roads during operation;
- Powerlines for construction and operation; and
- Construction camp (footprint).

3.1. Diversion Weir and Abstraction Works

The proposed diversion weir will be located on the outer (western) bank of the Berg River (**Figure 5**).



Figure 5: Berg River at the Proposed Weir Site

The Technical Feasibility Study found that the flow depth would be about 10.4 m during the 1 in 100 year flood and the flow velocity about 2 m/s due to the wide floodplain. The study also found that although the right bank floodplain would be inundated during floods, as the flow velocities would be low and the flow depth shallower, it would be possible to construct a weir/embankment on the floodplain without significantly increasing the flood levels upstream. The proposed layout of the abstraction works is provided in **Figures 6 and 7**.

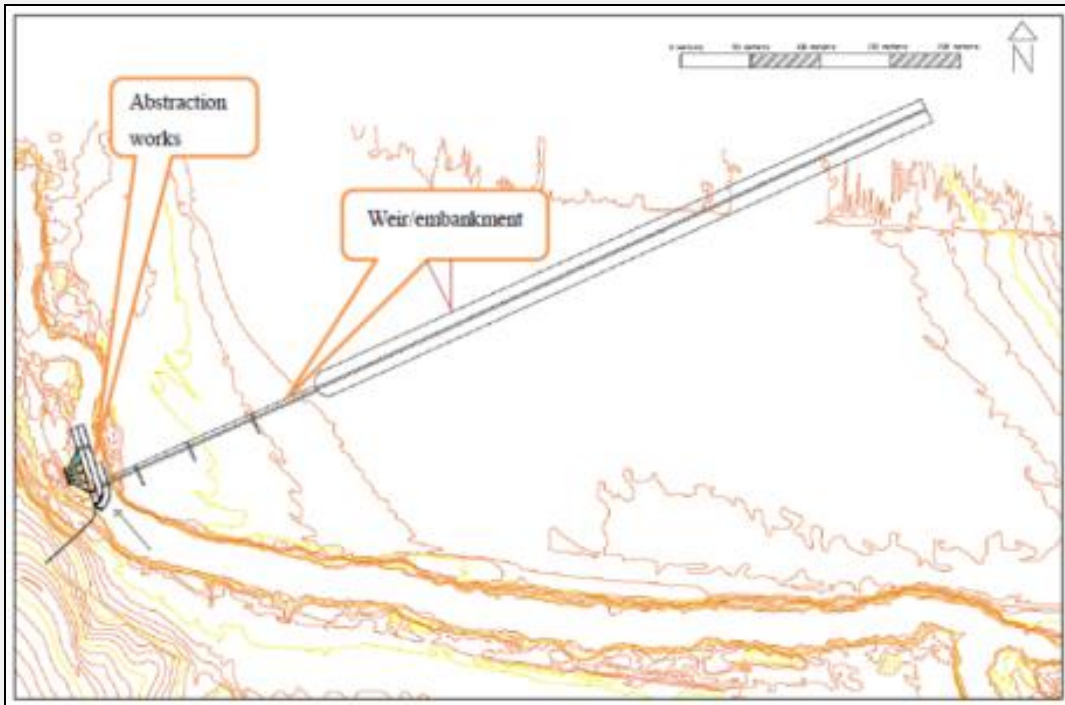


Figure 6: Layout of Abstraction Works, Weir and Embankment

Figure 7 illustrates these works which would comprise the following components:

- An abstraction weir;
- A protected embankment on the right bank floodplain to be designed to be overtopped;
- A boulder trap with a radial gate to flush sediments;
- A gravel trap comprising two canals and a dividing wall, with radial gates downstream for flushing;
- An underwater opening would allow water to be diverted to supply the pumps, while keeping floating

- debris away from the trashracks; and
- The pumps would be located in a dry well and flushing durations are expected to be less than 30 minutes.

In order to minimise the increase in upstream water levels, the design would require the use of a hopper and jet pumps which would rely on the main pumps to provide a high head, whereas the preferred solution would be longer sand trap canals downstream of the trashracks that would be flushed by gravity and would also act as pump sumps.

A canoe chute may be required since the weir would be situated on the route of the annual Berg River Canoe Marathon. A fishway, comprising a vertical slotted fishway or a rock-ramp type, may also be required. The need for these facilities will be assessed by the Aquatic Specialist as part of the EIA.

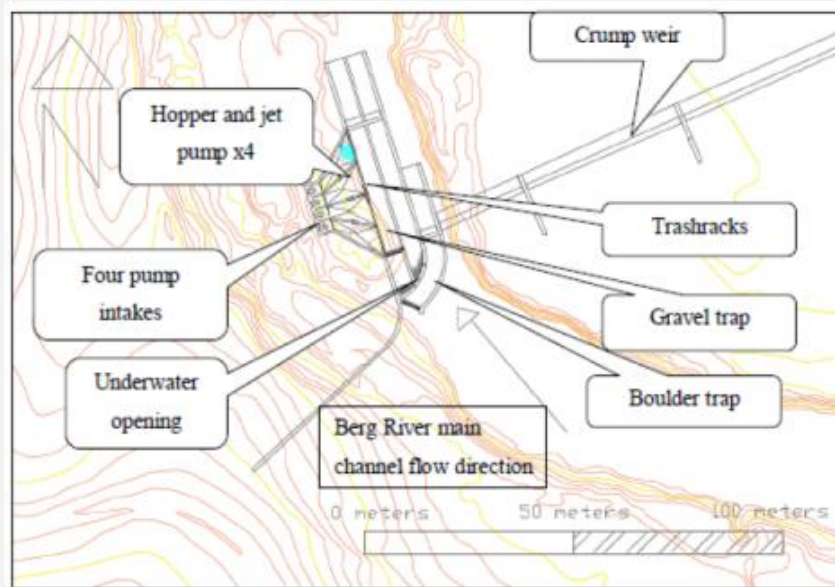


Figure 7: Components of the Proposed Abstraction Works

In addition, the weir has been designed as a low structure with a series of notches in it to minimise the impact of inundation. **Figure 8** below shows that the upstream damming caused by the proposed weir is very limited (for example, for the 100 year flood, the upstream water level will only be approximately 600 mm higher with the weir in place, than would be the case if the weir were not there).

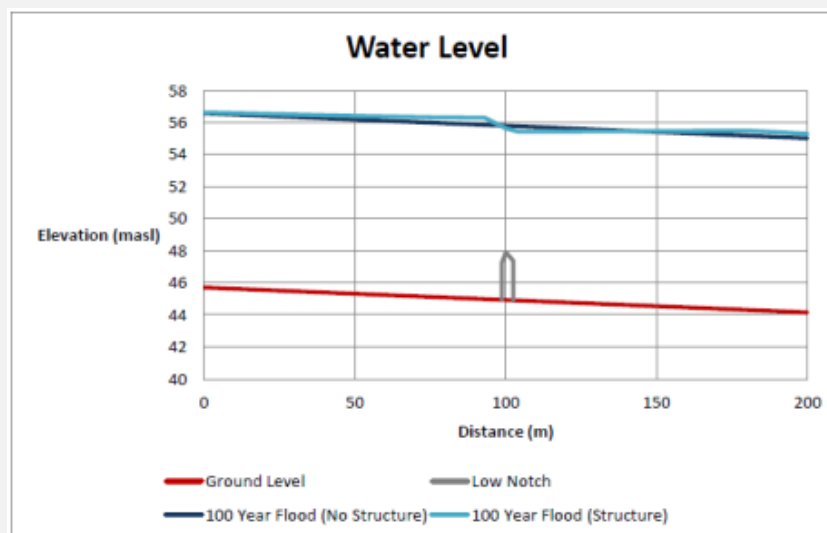


Figure 8:1: 100 year flood levels with the Weir (blue) and without the Weir (black)

Rising Main

Three pipeline routes were investigated during the Technical Feasibility Study and will be assessed as part of the EIA. These routes are related to three potential discharge options into the dam from the Diversion Weir site. These routes are as follows:

- Pipeline route to Northern Discharge Point = 8 115 m;
- Pipeline route to Central Discharge Point = 5 000 m; and
- Pipeline route to Southern Discharge Point = 6 300 m.

Whilst design flows of 4 and 6 m³/s were considered for the rising main during the Technical Feasibility Study, the EIA will only assess the 4 m³/s option which was deemed most feasible during the Technical Feasibility Study.

The average pipe depths required for the pipeline are about 3,5 m with a minimum cover of 1 m. The selected pipe material is glass-fibre reinforced polyester (GRP) with a stiffness of 5 000 N/m². **Table 1** shows the design parameters adopted for the rising main between the diversion weir and Voëlvlei Dam.

Table 1: Design Parameters for the rising main between the Diversion Weir and Voëlvlei Dam

Design Parameter	4m ³ /s Design Flow
Rising Main Properties	1700 mm diameter GRP
Static Head	28.0 m
Dynamic Head	35.8 m
Maximum Flow Velocity	1.762 m/s

Pump Station

The design parameters adopted for the 4m³/s Pump Station are provided in **Table 2** below.

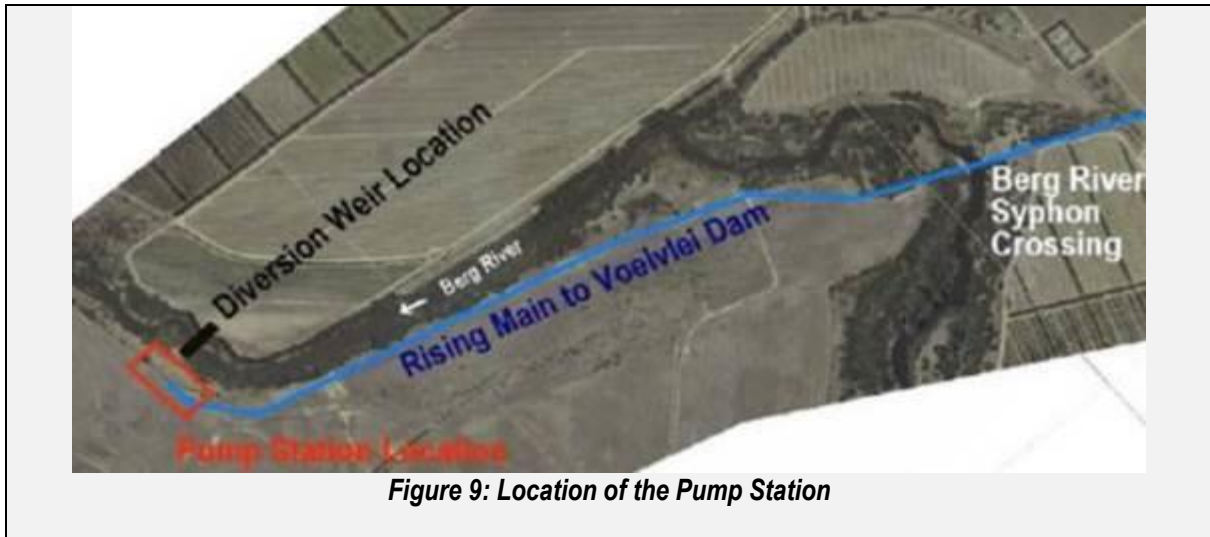
Table 2: Design Parameters for the 4m³/s Pump Station

Design Parameter	4m ³ /s Design Flow
Abstraction	Raw water from Berg River in Winter
Rising Main Static Pressure	28.0 m
Friction Losses	7.8 m
Inlet Static Pressure	1.8 m
Pump Duty	34.0 m

During the winter abstraction period, water from the Berg River will flow into the sump at the pump station. A level transmitter on the diversion weir will provide an input value for the flow calculation to determine the amount of water to be abstracted and pumped to the Voëlvlei Dam.

At the commencement of pumping, the pipeline could be partially empty and as such, the first pump will start by means of a variable speed drive and slowly fill the pipeline until water is discharged into the dam. Flow will be measured at the pump station in order to monitor the volumes abstracted and the abstraction rates. The 4 m³/s abstraction will be based on a step-pumping operating rule, allowing a minimum flow (spill) of 1 m³/s past the abstraction point down the Berg River at all times, after abstraction. The pumps are installed as a set each pump with a 1 m³/s capacity. Each pump starts up when the river inflow at the site exceeds the sum of the required environmental base flow of 1 m³/s and the abstraction step, in 1 m³/s steps.

The proposed location of the Pump Station is provided in **Figure 9** below.



Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	NO	<input checked="" type="checkbox"/>
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If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**


Not Applicable.

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)		Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		Business process servicing	
Infrastructure – water (bulk and reticulation)	<input checked="" type="checkbox"/>	Advanced materials	

Basic services (local government) – sanitation	Aerospace
Basic services (local government) – waste management	Basic services (local government) – education
Basic services (local government) water	Basic services (local government) – health
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	Basic services (local government) - housing
Infrastructure – information and communication technology	Basic services (local government) security of tenure
Tourism + strengthening linkages between cultural industries and tourism	Other
Basic services (local government) – public open spaces and recreational facilities	

Table 4

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	NO 
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:	
Not Applicable. The full project requires authorisation and is included within the scope of this application.	

3. GENERAL INFORMATION

Applicant name:	Department of Water and Sanitation		
Registration number (if applicant is a company)			
Trading name (if any)			
Responsible person name (If the applicant is a company):	Menard Mugumo		
Applicant/ Responsible person ID number:	6903295837180		
Responsible position, e.g. Director, CEO, etc.:	Chief Engineer: Options Analysis (South)		
Physical address:	185 Francis Baard Street, Sedibeng Building, Pretoria		
Postal address:	Private Bag X313, PRETORIA		
Postal code:	0001	Cell:	082 804 5162
Telephone:	012 336 6838	Fax:	012 336 7399
E-mail:	MugumoM@dws.gov.za	BBBEE status	Government Department

Provincial Authority:	Western Cape Department of Environmental Affairs and Development Planning (DEA&DP)		
Contact person:	Adri La Meyer		
Postal address:	Private Bag X9086, Cape Town		
Postal code:	8000	Cell:	
Telephone:	(021) 483 2887	Fax:	(021) 483 4185
E-mail:	Adri.LaMeyer@westerncape.gov.za		

Local municipality			
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Please see **Appendix 3** for details of Local Authorities.

Landowner:			
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 those landowners with their contact details as **Appendix 4**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 4**.

Please see **Appendix 4** for landowner information. Proof of Landowner notification is also included in **Appendix 4**.

Identified Competent Authority to consider the application:
Reason(s) in terms of S 24C of NEMA 1998 as amended

The Department of Environmental Affairs (DEA)
The applicant, Department of Water and Sanitation (DWS), is an organ of state and as such applications for Environmental Authorisation should be directed to DEA as per the requirements of the National Environmental Management Act (No 107 of 1998) as amended by National Environmental Management Laws Second Amendment Act 30 of 2013 - Gazette No. 37170, No. 1019, dated 18 December 2013. Commencement date of sections 3, 4, 5 and 14: 18 December 2014.
<i>Section 24C (2): The Minister must be identified as the competent authority in terms of subsection (1), unless otherwise agreed to in terms of section 24C(3), if the activity:</i> <i>(d) is undertaken, or is to be undertaken, by—</i> <i>(i) a national department.</i>

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Donavan Henning		
Professional affiliation/registration:	Professional member of the Southern African Institute of Ecologists and Environmental Scientists Company is IAIA Affiliated		
Contact person (if different from EAP):	[REDACTED]		
Company:	Nemai Consulting		
Physical address:	147 Bram Fisher Drive, Ferndale, Randburg		
Postal address:	PO Box 1673, Sunninghill		
Postal code:	2157	Cell:	0828910604
Telephone:	0117811730	Fax:	0117811731
E-mail:	donavanh@nemai.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN R.982, dated December 2014, prior to the commencement of the process. The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Western Cape														
District Municipality	Cape Winelands District West Coast District Municipality														
Local Municipality	Drakenstein Local Municipality Swartland Local Municipality														
Ward number(s)	Drakenstein Local Municipality Ward 31 Swartland Local Municipality Ward 12														
Nearest town(s)	Gouda														
Farm name(s) and number(s)	<table border="1"> <thead> <tr> <th>Farm Name</th> <th>Portion</th> <th>SG Code</th> </tr> </thead> <tbody> <tr> <td>Doorn Boom 199</td> <td>1</td> <td>C07500000000019900001</td> </tr> <tr> <td>Farm 200</td> <td>0</td> <td>C07500000000020000000</td> </tr> <tr> <td>Farm 201</td> <td>2</td> <td>C07500000000020100002</td> </tr> </tbody> </table>			Farm Name	Portion	SG Code	Doorn Boom 199	1	C07500000000019900001	Farm 200	0	C07500000000020000000	Farm 201	2	C07500000000020100002
Farm Name	Portion	SG Code													
Doorn Boom 199	1	C07500000000019900001													
Farm 200	0	C07500000000020000000													
Farm 201	2	C07500000000020100002													
Portion number(s)															

Farm 201	1	C0750000000020100001
Farm 392	0	C0750000000039200000
Farm 403	2	C0750000000040300002
Half Gewaagd 73	25	C0750000000007300025
Half Gewaagd 73	10	C0750000000007300010
Sonquas Doordrift 647	2	C04600000000064700002
Sonquas Doordrift 648	1	C04600000000064800001
Sonquas Doordrift 648	2	C04600000000064800002
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Vogel Valley 207	0	C07500000000020700000
Zonquasdrijf 1129	3	C04600000000112900003
Zonquasdrijf 1129	0	C04600000000112900000
Zonquasdrijf 1129	5	C04600000000112900005
Zonquasdrijf 1129	6	C04600000000112900006

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**)

1	2	3	4	5

Please see **Appendix 5** for SG 21 Digit Codes

Are there any other applications for Environmental Authorisation on the same property? NO

If YES, please indicate the following:

Competent Authority	
Reference Number	
Project Name	

Please provide details of the steps taken to ascertain this information:

- Prior to the submission of the Application form, public participation has been undertaken including:
- Landowner notification,
 - Project Steering Committee (PSC) Meetings with Authorities including DEA&DP; and
 - Project announcement including site notices and adverts.

6. ACTIVITIES TO BE AUTHORISED

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

Note:

1. The technical information provided below to describe the listed activities was primarily sourced from the Technical Feasibility Study for the project.
2. The information pertaining to the sizing of the infrastructure should be regarded as approximates.

as they are subject to further investigations and detail design.

3. As a conservative approach, all possible activities that could possibly be triggered are included. A further refinement of these activities will take place as the EIA process unfolds.

Detailed description of listed activities associated with the project

Listed activity as described in GN R 983, 984 and 985	Description of project activity that triggers listed activity
e.g. GN R.983 Item XX(x): The development of bridge exceeding 100 square metres in size within a watercourse	e.g. A bridge measuring 110 square metres will be constructed within the watercourse
GN No. R 983 – Activity 9 (i) The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water- (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more; excluding where- (a) such infrastructure is for bulk transportation of water or storm water or storm water drainage inside a road reserve; or (b) where such development will occur within an urban area.	A new rising main pipeline will be constructed in order to transfer water from the Berg River to the existing Voëlvlei Dam. The pipeline will be between 5000 and 8115m in length and will have a diameter of 1.7m.
GN No. R 983 – Activity 11(i) The development of facilities or infrastructure for the transmission and distribution of electricity- (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or (ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more.	Power supply to the abstraction site will be required. The potential size of that transmission line, its routing and associated transformers was not undertaken during the feasibility study. Conceptual arrangements will be assessed by Aurecon, as part of this EIA support task, but this information is not available now.
GN No. R 983 – Activity 12 (iii) (v) (x) (xii) The development of- (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs- (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; - excluding- (aa) the development of infrastructure or structures within	New weir, pump station building and infrastructure more than 100m ² in size within 32m of the Berg River will be constructed. The footprint of the pump station alone will be in the order of 80 x 30m (~2400m ²) on the left bank (looking downstream). The weir footprint extends well onto the right bank and will also exceed 100m ² . The scheme could be operated in one of two ways. Either a possible 4m ³ /s abstraction via a stepped pumping rule into a 1.7m dia pipe, or via a variable speed abstraction of up to 6m ³ /s into a 1.9m dia pipe. The recommended is the former one (i.e. 1.7m dia pipe with a stepped pumping rule up to 4m ³ /s), which is more easily operated.

<p>existing ports or harbours that will not increase the development footprint of the port or harbour;</p> <p>(bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such development occurs within an urban area; or</p> <p>(ee) where such development occurs within existing roads or road reserves.</p>	
<p>GN No. R. 983 – Activity 19 (i)</p> <p>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from-</p> <p>(i) a watercourse;</p> <p>(ii) the seashore; or</p> <p>(iii) the littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever distance is the greater but excluding where such infilling, depositing, dredging, excavation, removal or moving-</p> <p>(a) will occur behind a development setback;</p> <p>(b) is for maintenance purposes undertaken in accordance with a maintenance management plan; or</p> <p>(c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.</p>	<p>The proposed development will include the construction of various infrastructure within the Berg River, including:</p> <ul style="list-style-type: none"> • Low level weir; • Pipeline; and • Pump station. <p>This will result in the excavating, dredging and infilling within a watercourse of more than 5m³. The access road is proposed to be via the existing Sonquasdrift Road which currently crosses the Berg River in the direction of Riebeeck Kasteel. That road is wide enough (6m surface and 15-20m servitude). From the existing Sonquasdrift Road to the abstraction / pump station site there may be small watercourses to cross (depending on which of the three possible access routes on Goudklip Farm are selected).</p>
<p>GN No. R. 983 – Activity 27</p> <p>The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for-</p> <p>(i) the undertaking of a linear activity; or</p> <p>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>	<p>The exact dimensions of the Pump Station are not known however together with weir, clearing will likely exceed 1 ha.</p> <p>The footprint of the pump station alone will be in the order of 80 x 30m (~2400m²) on the left bank (looking downstream). The weir footprint extends well onto the right bank and will also exceed 100m².</p>
<p>GN No. R. 983 – Activity 30</p> <p>Any process or activity identified in terms of section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).</p>	<p>The proposed developments fall within the Swartland Shale Renosterveld, and the Swartland Alluvium Fynbos, both of which are categorised as Critically Endangered, according to data sourced from SANBI.</p> <p>The proposed developments also fall within both Critical Biodiversity Areas (CBAs) and Ecological Support Areas</p>

	(ESAs) regions.
<p>GN No. R. 984 – Activity 11 The development of facilities or infrastructure for the transfer of 50 000 cubic metres or more water per day, from and to or between any combination of the following -</p> <ul style="list-style-type: none"> (i) water catchments; (ii) water treatment works; or (iii) impoundments; <p>excluding treatment works where water is to be treated for drinking purposes.</p>	<p>The proposed development involves the transfer of approximately 23 million cubic metres per annum between the Berg River and the existing Voëlvlei Dam. Water from the Dam is abstracted by West Coast District Municipality and City of Cape Town.</p>
<p>GN No. R. 985 – Activity 12(a) (i) (ii) The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <ul style="list-style-type: none"> (i) Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; (ii) Within critical biodiversity areas identified in bioregional plans; (iii) Within the littoral active zone or 100 metres inland from high water mark of the sea or an estuarine functional zone, whichever distance is the greater, excluding where such removal will occur behind the development setback line on erven in urban areas; or (iv) On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning. 	<p>The proposed development will result in more than 300 square metres of indigenous vegetation being cleared. Part of the pipeline route occurs within a CBA area as well as an area indicated in the National Spatial Biodiversity Assessment (2004) as CE.</p>
<p>GN No. R. 985 – Activity 14 (v) (x) (xii) (f) (i) (ff) The development of-</p> <ul style="list-style-type: none"> (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; (iii) bridges exceeding 10 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area exceeds 10 square metres in size; (vi) bulk storm water outlet structures exceeding 10 square metres in size; (vii) marinas exceeding 10 square metres in size; (viii) jetties exceeding 10 square metres in size; (ix) slipways exceeding 10 square metres in size; (x) buildings exceeding 10 square metres in size; (xi) boardwalks exceeding 10 square metres in size; or (xii) infrastructure or structures with a physical footprint of 10 square metres or more; <p>where such development occurs -</p> <ul style="list-style-type: none"> (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a 	<p>A new weir, pump station building and infrastructure more than 10m² in size within 32m of the Berg River which occurs outside an urban area. Part of the pipeline occurs within an area designated as a CBA area.</p>

<p>watercourse; excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. (f) In Western Cape: i. Outside urban areas, in: (aa) A protected area identified in terms of NEMPAA, excluding conservancies; (bb) National Protected Area Expansion Strategy Focus areas; (cc) World Heritage Sites; (dd) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; (ee) Sites or areas listed in terms of an International Convention; (ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans; (gg) Core areas in biosphere reserves; or (hh) Areas on the estuary side of the development setback line or in an estuarine functional zone where no such setback line has been determined.</p>	
<p>GN No. R. 985 – Activity 18(f) (i) (aa) The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre. (f) In Western Cape: All areas outside urban areas: (aa) Areas containing indigenous vegetation; (bb) Areas on the estuary side of the development setback line or in an estuarine functional zone where no such setback line has been determined.; or ii. In urban areas: (aa) Areas zoned for conservation use; or (bb) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority</p>	<p>The existing Sonquadrift Road is proposed as the main access route, from where access would then be via existing farm roads (the farm roads would need widening). The Sonquadrift Road itself has a current surface width of 6m and a min servitude of 15m and is wide enough. The on-farm roads will required widening and wearing courses – conceptual designs not available yet.</p>

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A sensitivity map is provided in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

Please see the project schedule contained in **Appendix 7**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R .982, dated December 2014.

Figure 10 provides an overview of the overall EIA process including public participation, which will be undertaken for the proposed development.

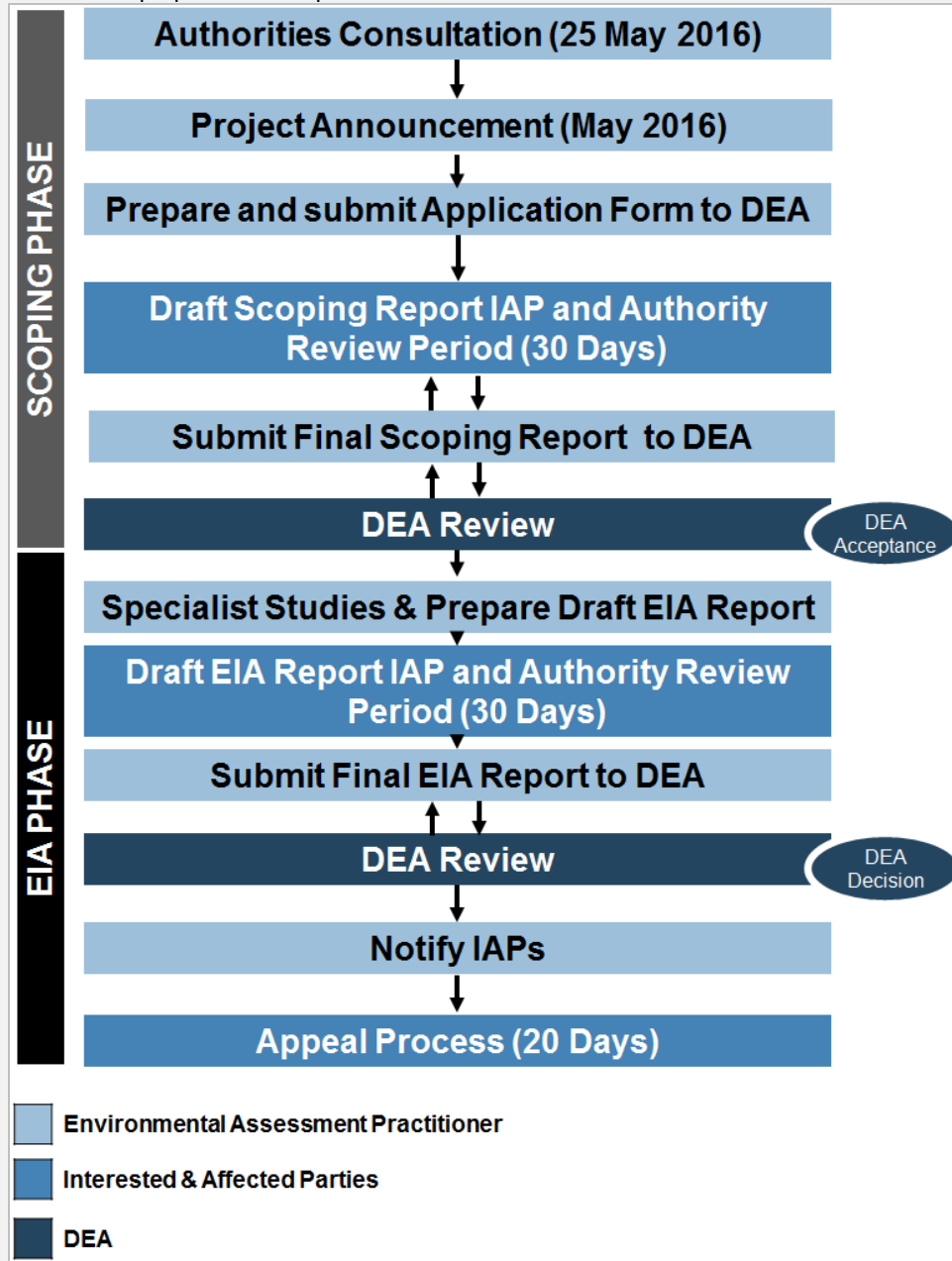


Figure 10: Public participation process

Two phases of public participation will be undertaken.

During project announcement, an Interested and Affected Parties (IAP) database will be compiled and will include non-governmental organisations, landowners, recreational users of the dam and river and commenting and decision making authorities. IAPs will be notified by SMS, email or registered mail and will be provided with a Background Information Document (BID) in English and Afrikaans. In addition, adverts will be published in the Paarl Post in Afrikaans and in the Daily Voice in English to notify

potential IAPs of the project. IAPs will have 30 days to register at this time. Site Notices will also be placed around the project footprint.

During the Scoping Phase, all registered IAPs will be notified by email or SMS of the review of the Draft Scoping Report and the date of the public meeting. Two adverts will be placed in the Paarl Post and the Daily Voice. Registered IAPs and authorities will be provided with 30 days to review the Draft Report.

During the EIA Phase, all registered IAPs will be notified by email or SMS of the review of the Draft EIA Report and the date of the public meeting. Two adverts will be placed in the Paarl Post and the Daily Voice and registered IAPs will have 30 days to review the Draft Report.

8. OTHER AUTHORISATIONS REQUIRED










LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
SEMA s				
National Environmental Management: Air Quality Act		NO ✓		NO ✓
National Environmental Management: Biodiversity Act*	YES ✓			NO ✓
National Environmental Management: Integrated Coastal Management Act		NO ✓		NO ✓
National Environmental Management: Protected Areas Act		NO ✓		NO ✓
National Environmental Management: Waste Act		NO ✓		NO ✓
National legislation				
Mineral Petroleum Development Resources Act		NO ✓		NO ✓
National Water Act**	YES ✓			NO ✓
National Heritage Resources Act*	YES ✓			NO ✓
Others: Please specify		NO ✓		NO ✓

*The need for authorisations in terms of the National Environmental Management: Biodiversity Act and the National Heritage Resources Act can only be confirmed once the specialist studies have been completed.

**A Water Use Licence Application (WULA) is required for Section 21 (a), (c) and (i) water uses. The WULA will be made available for review together with the Draft EIA Report and will be submitted to the Department of Water and Sanitation (DWS) thereafter.

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

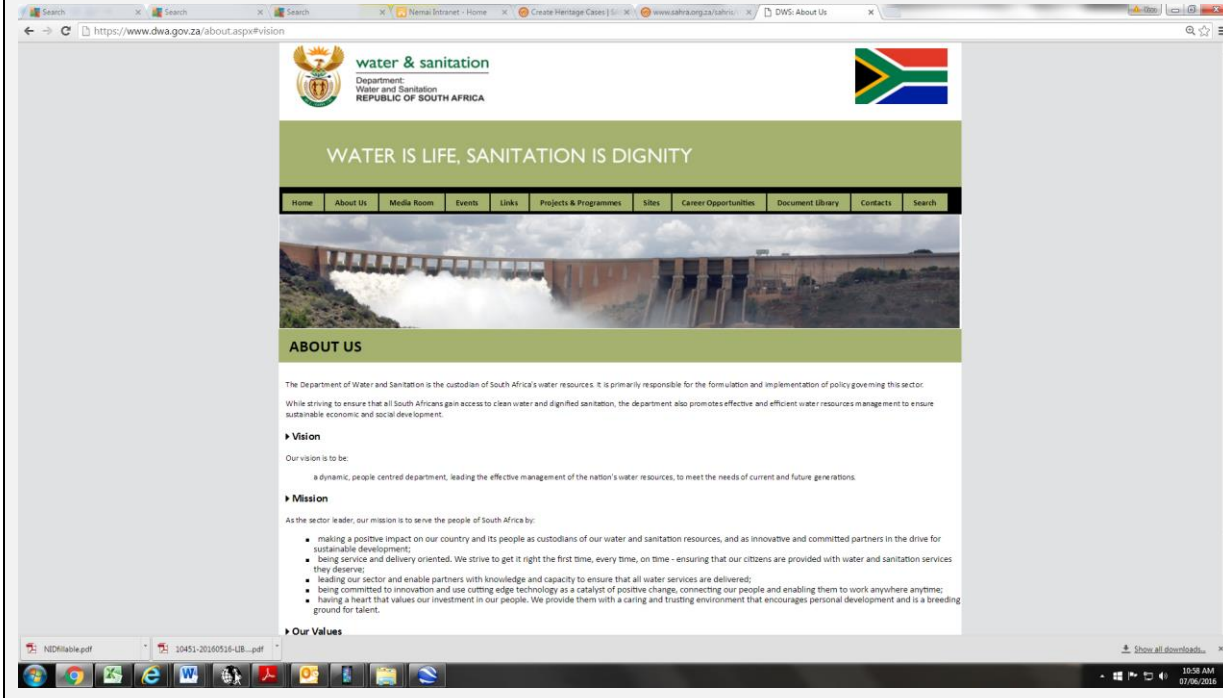
9. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Proof of Payment		NO 
Appendix 2	Strategic Infrastructure Projects		NO 
Appendix 3	List of Local Municipalities (with contact details)	YES 	
Appendix 4	List of landowners (with contact details) and proof of notification of landowners.	YES 	
Appendix 5	List of SGIDs	YES 	
Appendix 6	Project map	YES 	
Appendix 7	Project schedule	YES 	
Appendix 8	Declaration of Applicant	YES 	
Appendix 9	Declaration of EAP	YES 	

APPENDIX 1 PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION

The applicant, the Department of Water and Sanitation (DWS) is a national government department and is the custodian of South Africa's water resources. It is primarily responsible for the formulation and implementation of policy governing this sector.

While striving to ensure that all South Africans gain access to clean water and dignified sanitation, the department also promotes effective and efficient water resources management to ensure sustainable economic and social development



The screenshot displays the official website of the Department of Water and Sanitation (DWS) of the Republic of South Africa. The page features the department's logo, the South African flag, and the slogan "WATER IS LIFE, SANITATION IS DIGNITY". A navigation menu includes links for Home, About Us, Media Room, Events, Links, Projects & Programmes, Sites, Career Opportunities, Document Library, Contacts, and Search. The main content area is titled "ABOUT US" and contains the following text:

The Department of Water and Sanitation is the custodian of South Africa's water resources. It is primarily responsible for the formulation and implementation of policy governing this sector. While striving to ensure that all South Africans gain access to clean water and dignified sanitation, the department also promotes effective and efficient water resources management to ensure sustainable economic and social development.

Vision
Our vision is to be:
a dynamic, people centred department, leading the effective management of the nation's water resources, to meet the needs of current and future generations.

Mission
As the sector leader, our mission is to serve the people of South Africa by:

- making a positive impact on our country and its people as custodians of our water and sanitation resources, and as innovative and committed partners in the drive for sustainable development;
- being service and delivery oriented. We strive to get it right the first time, every time, on time - ensuring that our citizens are provided with water and sanitation services they deserve;
- leading our sector and enable partners with knowledge and capacity to ensure that all water services are delivered;
- being committed to innovation and use cutting edge technology as a catalyst of positive change, connecting our people and enabling them to work anywhere anytime;
- having a heart that values our investment in our people. We provide them with a caring and trusting environment that encourages personal development and is a breeding ground for talent.

Our Values

The screenshot also shows a Windows taskbar at the bottom with various application icons and a system tray displaying the time as 10:58 AM on 07/06/2016.

**APPENDIX 2
STRATEGIC INFRASTRUCTURE PROJECTS**

Not Applicable

**APPENDIX 3 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

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

Drakenstein Local Municipality		
Andre Kowalewski		
PO Box 1, Paarl		
7620	Cell:	0824979246
0218074705	Fax:	
Andrek@drakenstein.gov.za		

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

Swartland Local Municipality		
Joggie Scholtz		
Private Bag X52, Malmesburg		
7299	Cell:	
0224879400	Fax:	0224879440
joggies@swartland.org.za ; swartlandmun@swartland.org.za		

**APPENDIX 4
LIST OF LAND OWNERS
PROOF OF NOTIFICATION OF LAND OWNERS**

Landowners

ID	Farm Name	Portion	SG Code	Owner	Title Deed	Name	Director/Owner	Cell	Address	Email	Comment
1	SONQUAS DOORDRIFT 647	2	C0460000000064700002	WELGEVONDEN TRUST		WELGEVONDEN TRUST	ARNO VLOK	825733619		welgevonden@mweb.co.za	Farm manager -Robbie on 0844481395
2	Tulburgh Road 441	0	C0750000000044100000	VOGELVALLIJ BOERDERY PTY LTD		VOGELVALLIJ BOERDERY PTY LTD	CORNELIUS JOHANNES VAN SANTEN	827708295; 0827708295; 0213001112	Posbus 44, Hermon, 7308	nelius@vansanten.co.za	Registration form says Schoongezicht Boerdey. Wants to know where the pipeline route will be. Not affected by pipeline. Only potential access roads. Sent landowner notification on 1 June 2016.
3	Tulburgh Road 412	0	C0750000000041200000	Drakenstein Local Municipality		Drakenstein Local Municipality	Nicola October (Property office)	218074585		nicola.october@drakenstein.gov.za	
4	Tulburgh Road 412	0	C0750000000041200000	Drakenstein Local Municipality		Drakenstein Local Municipality	Nicola October (Property office)	218074585		nicola.october@drakenstein.gov.za	
5	Farm 201	2	C0750000000020100002	Unknown - cannot be found on Deed Search							
6	Doorn Boom 199	1	C0750000000019900001	RSA		Bertrand Van Zyl - National Water Resources Infrastructure: Southern Operations				VanZylB@dws.gov.za	
7	Farm 200	0	C0750000000020000000	RSA		Bertrand Van Zyl - National Water Resources Infrastructure: Southern Operations				VanZylB@dws.gov.za	
8	Vogel Valley 207	0	C0750000000020700000	RSA		Bertrand Van Zyl - National Water Resources Infrastructure: Southern Operations				VanZylB@dws.gov.za	
9	SONQUAS DOORDRIFT 648	1	C0460000000064800001	BENBERNHARD BELEGGINGS		BENBERNHARD BELEGGINGS	ISAK CORNELIS RUST	824 441 150	POSBUS 117, BELLVILLE, 7535	sakkie@rautenbachtransport.co.za	Farm manager is Mr Jacques Watney on 0824441167

Landowners

ID	Farm Name	Portion	SG Code	Owner	Title Deed	Name	Director/Owner	Cell	Address	Email	Comment
10	ZONQUASDRIF 1129	3	C04600000000112900003	BONAIRE PROJECTS PTY LTD		BONAIRE PROJECTS PTY LTD	1) HENDRIK FRANCOIS CONRADIE, 2.) CHRISTIAN LILONGENI RANGA HAIKALI and 3.) HERMAN ALBERT VAN DER MERWE	1.) 218763076, 0824105097 2.) 0215884921, 0827905236 3.) 0218872577, 0825777038	PO BOX 658, STELLENBOSCH, WESTERN CAPE, 7599	herman@hvm.cc	Near wetland - Pieter 0609727092, email is pieter@bonaire.co.za. The farm manager is Rudolf Grobblor - rudolf@bonaire.co.za.
11	Half Gewaagd 73	25	C0750000000007300025	BONAIRE PROJECTS PTY LTD		BONAIRE PROJECTS PTY LTD	1) HENDRIK FRANCOIS CONRADIE, 2.) CHRISTIAN LILONGENI RANGA HAIKALI and 3.) HERMAN ALBERT VAN DER MERWE	1.) 218763076, 0824105097 2.) 0215884921, 0827905236 3.) 0218872577, 0825777038	PO BOX 658, STELLENBOSCH, WESTERN CAPE, 7599	herman@hvm.cc	Financial director - Herman = herman@hvm.cc will send details of farm manager and managing director.
12	FARM 392	0	C07500000000039200000	LAMOLOR		LAMOLOR	1.) CASPER HENDRIK LOUW and 2.) DUNCAN LIONEL STEPHENSON	1.) 0218017962, 0833209985 and 2.) 0218015975, 0761582385		duncan@lionelsvet.co.za	Spoke to wife - she gave email address
13	Farm 201	1	C0750000000020100001	Unknown - cannot be found on Deed Search							
14	ZONQUASDRIF 1129	0	C04600000000112900000	WYDZICHT INV TRUST		WYDZICHT INV TRUST	1. KARSTEN, LOUISA JACOBA and 2. MOLZAHN, KAI-UWE	1. 0825817736; 0116385415	CLAIRETTE STREET, 1 VILLA CLAIRETTE, MEYERSDAL UIT 11, ALBERTON, 01448	ilsekarsten1@gmail.com	Not affected by pipeline. Only potential access roads. She will forward it to her husband who stays on the farm. Sent email on 1 June 2016.
15	ZONQUASDRIF 1129	5	C04600000000112900005	RYKTIQ PTY LTD		RYKTIQ PTY LTD	1. ATTIE FRANCOIS VAN RENSBURG and 2. NICO VAN RENSBURG	1. 233563850 and 2. (023) 3583021 and (082) 5723152	P O BOX 113 WORCESTER, 6849 and POSBUS 76 76, DE DOORNS, 6875	nicovanrensburg69@gmail.com	Not affected by pipeline. Only potential access roads. Sent on 1 June 2016
16	ZONQUASDRIF 1129	6	C04600000000112900006	WALTERS FARM TRUST		WALTERS FARM TRUST					Not affected by pipeline. Only potential access roads.

Landowners

ID	Farm Name	Portion	SG Code	Owner	Title Deed	Name	Director/Owner	Cell	Address	Email	Comment
17	SONQUAS DOORDRIFT 648	2	C0460000000064800002	ZONQUASDRIFT ESTATES PTY LTD		ZONQUASDRIFT ESTATES PTY LTD	ALEXANDER ANATOLE THEODOR; PHILIPP ANATOLE GEDRG - WILHELM MARIA DOMINIKUS; ANTOINETTE BARBARA MARIA ; AMELIE VICTORIA MARIA		P O BOX 107 MALMESBURY 7299	info@zonquasdrift.co.za	Not affected by pipeline. Only potential access roads.
18	Farm 403?	2	C0750000000040300002	Unknown - cannot be found on Deed Search							Not affected by pipeline. Only potential access roads.
19	Half Gewaagd 73	10	C0750000000007300010	WELGEVONDEN TRUST		WELGEVONDEN TRUST	ARNO VLOK	825733619		welgevonden@mweb.co.za	Farm manager -Robbie on 0844481395
49	Half Gewaagd 73	25	C0750000000007300025								

Occupiers/Farm Managers

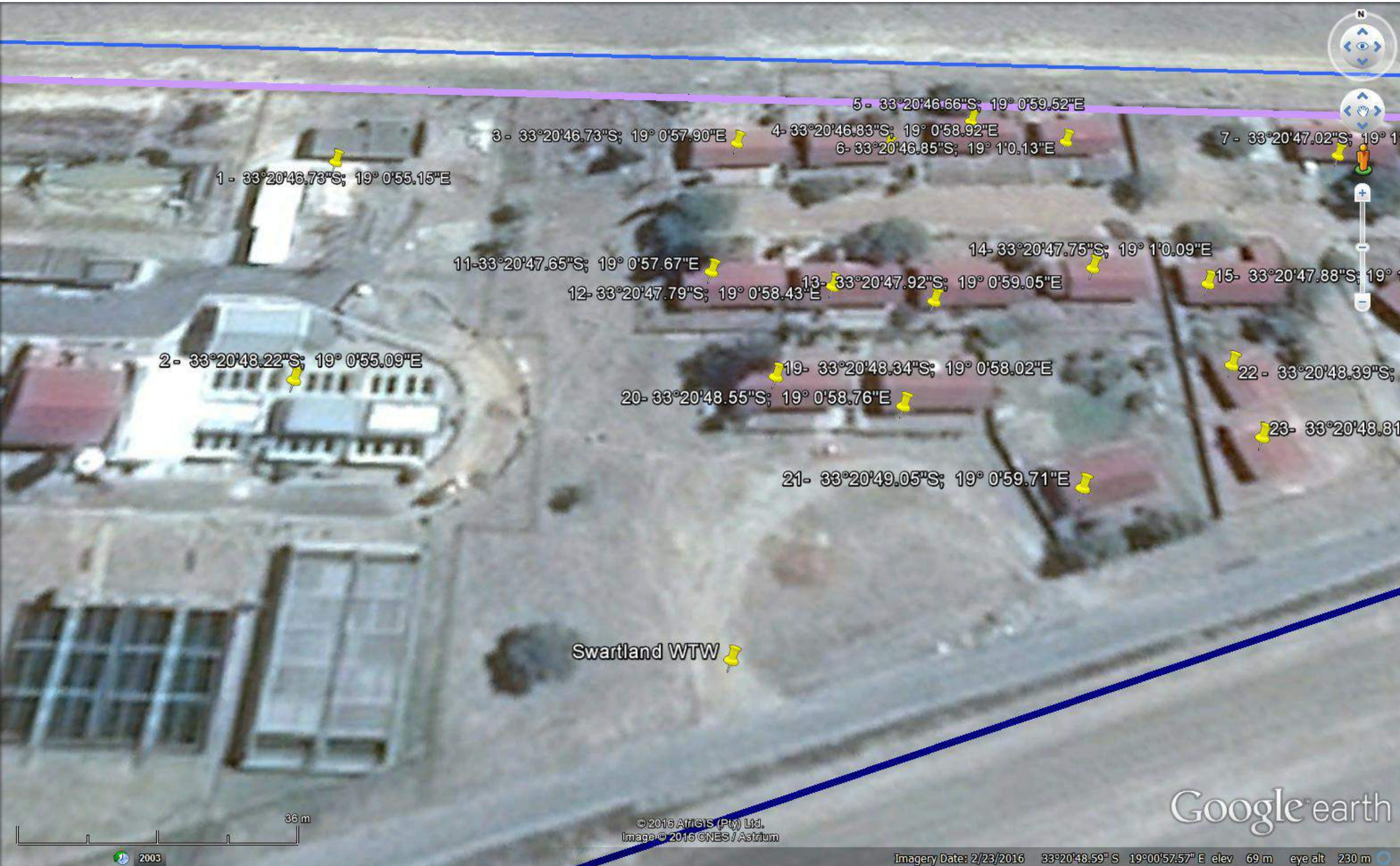
ID	Farm Name	Portion	SG Code	Owner	PP Map Number	Name	Cell	Address	Email	Comment	Registered?
20	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 3	M Fulton	795355901				Yes
21	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 5	P Bonita	789962420				Yes
22	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 6	Isak Badenhorst	627892189	Posbus 333, Gouda, 6821		Occupier/Tenant	Yes
23	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 7	JG Frantz	769600635				Yes

Occupiers/Farm Managers

ID	Farm Name	Portion	SG Code	Owner	PP Map Number	Name	Cell	Address	Email	Comment	Registered?
24	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 9	J Bottom	791150005				Yes
25	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 10	Rheta Cronje	825091834				Yes
26	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 15	DHC van Rooyen	782875286				Yes
27	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 17	Caylin Adam	839505801				Yes
28	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 18	Philip Juries	722982284				Yes
29	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 19	Shalee Lavertlot	725483748				Yes
30	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 21	Sylvia Delone	762535785				Yes
31	Farm 201	1	C07500000000020100001	Unknown - cannot be found on Deed Search	Map 1 and 2 - Swartland WTW - 23	Fabiola Coetzee	784256522				Yes
32	FARM 392	0	C07500000000039200000	LAMOLOR	Map 3 - Lamolor - 1 and 2	Roger	719661687			A number of farm workers live on the site but away from the project footprint. It was suggested that the Farm manager be notified as well as the landowner.	Yes

Occupiers/Farm Managers

ID	Farm Name	Portion	SG Code	Owner	PP Map Number	Name	Cell	Address	Email	Comment	Registered?
33	FARM 392	0	C07500000000039200000	LAMOLOR	Map 3 - Lamolor	Andre Coetzee	837676100			Farm manager	Yes
34	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 1	David Scholes	844591801	Number 9 Voelvie Dam		Occupier/Tenant	Yes
35	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 3	Jonathon Davids	765520658			Occupier/Tenant	No
36	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 4	Leazle Magalies				Occupier/Tenant and Dam manager	Authority (Dam Manager)
37	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 6	S Sijinja				Occupier/Tenant	No
38	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 7	Johannes Kaptein	834923321			Occupier/Tenant - agreed to hand out to the rest of the people at DWS that were not home at the time.	Yes
39	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 8	Deon Elias				Occupier/Tenant	No
40	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 9	Samuel Joubert				Occupier/Tenant	No
41	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 10	Samuel Walters	797415085			Occupier/Tenant - 2 brother live in the same house.	Yes
42	Vogel Valley 207	0	C07500000000020700000	RSA	Map 5 - DWS - 10	Helias Walters	732431739			Occupier/Tenant - 2 brother live in the same house.	Yes
43	Doorn Boom 199	1	C07500000000019900001	RSA	Map 7 - WPALAS - 1	Frederick Jacobs	610843540			Occupier/Tenant (lives across from WPALAS)	Yes
44	Farm 200	0	C0750000000002000000	RSA	Map 7 - WPALAS - 1	Oom Hannes	739989400			Club manager - WPALAS	No
45	SONQUAS DOORDRIFT 648	1	C04600000000064800001	BENBERNHARD BELEGGINGS		Jacques Watney	824441167		jacquesw@agrizone.co.za	Farm manager	Yes
46	ZONQUASDRIF 1129	3	C046000000000112900003	BONAIRE PROJECTS PTY LTD			609727092		pieter@bonaire.co.za	Farm manager	Yes
47	Half Gewaagd 73	25	C07500000000007300025			Pieter Kuhn					
48	ZONQUASDRIF 1129	3	C046000000000112900003	BONAIRE PROJECTS PTY LTD					rudolf@bonaire.co.za		
49	Half Gewaagd 73	25	C07500000000007300025			Rudolf Grobber				Farm manager	No



1 - 33°20'46.73"S; 19° 0'55.15"E

3 - 33°20'46.73"S; 19° 0'57.90"E

4 - 33°20'46.83"S; 19° 0'58.92"E

6 - 33°20'46.85"S; 19° 1'0.13"E

5 - 33°20'46.66"S; 19° 0'59.52"E

7 - 33°20'47.02"S; 19° 1'0.13"E

2 - 33°20'46.22"S; 19° 0'55.09"E

11 - 33°20'47.65"S; 19° 0'57.67"E

14 - 33°20'47.75"S; 19° 1'0.09"E

15 - 33°20'47.88"S; 19° 1'0.13"E

12 - 33°20'47.79"S; 19° 0'58.43"E

13 - 33°20'47.92"S; 19° 0'59.05"E

19 - 33°20'48.34"S; 19° 0'58.02"E

22 - 33°20'48.39"S; 19° 1'0.13"E

20 - 33°20'48.55"S; 19° 0'58.76"E

23 - 33°20'48.81"S; 19° 1'0.13"E

21 - 33°20'49.05"S; 19° 0'59.71"E

Swartland WTW

Google earth



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Image © 2016 CNES / Astrum

Imagery Date: 2/23/2016 33°20'48.59" S 19°00'57.57" E elev 69 m eye alt 230 m

2003



5 - 33°20'46.66"S; 19° 0'59.52"E

0'57.90"E

4- 33°20'46.83"S; 19° 0'58.92"E

6- 33°20'46.85"S; 19° 1'0.13"E

7 - 33°20'47.02"S; 19° 1'1.94"E

10- 33°20'47.10"S; 19° 1'4.79"E

8 -33°20'47.24"S; 19° 1'2.68"E

9 - 33°20'47.42"S; 19° 1'3.84"E

18- 33°20'47.71"S; 19° 1'3.18"E

14- 33°20'47.75"S; 19° 1'0.09"E

16- 33°20'47.86"S; 19° 1'2.31"E

19° 0'58.43"E

13- 33°20'47.92"S; 19° 0'59.05"E

15- 33°20'47.88"S; 19° 1'0.79"E

17- 33°20'48.36"S; 19° 1'2.36"E

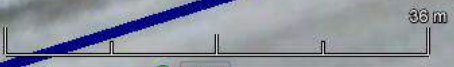
19- 33°20'48.34"S; 19° 0'58.02"E

22 - 33°20'48.39"S; 19° 1'0.78"E

S; 19° 0'58.76"E

23- 33°20'48.81"S; 19° 1'0.83"E

21- 33°20'49.05"S; 19° 0'59.71"E



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Google earth

Imagery Date: 2/23/2016 33°20'48.40" S 19°01'01.94" E elev 70 m eye alt 230 m



6- 33°21'41.60"S; 19° 0'59.20"E

5- 33°21'45.05"S; 19° 0'58.39"E

4- 33°21'49.15"S; 19° 0'56.25"E

3- 33°21'50.81"S; 19° 0'56.97"E

2- 33°21'51.11"S; 19° 0'55.66"E

1- 33°21'51.37"S; 19° 0'55.23"E

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R46

Google earth

Imagery Date: 2/23/2016 33°21'47.38" S 19°00'57.99" E elev 75 m eye alt 415 m

76 m

2003



1- 33°20'56.34"S; 19° 1'24.24"E

2- 33°20'57.68"S; 19° 1'24.09"E

3- 33°20'56.95"S; 19° 1'25.58"E

4- 33°20'55.79"S; 19° 1'27.48"E

5- 33°20'56.76"S; 19° 1'27.60"E

6- 33°20'57.69"S; 19° 1'27.57"E

7- 33°20'59.13"S; 19° 1'28.02"E

8- 33°20'59.69"S; 19° 1'27.46"E

9- 33°21'1.11"S; 19° 1'27.44"E

10- 33°21'2.29"S; 19° 1'27.34"E

11- 33°21'3.55"S ; 19° 1'27.17"E

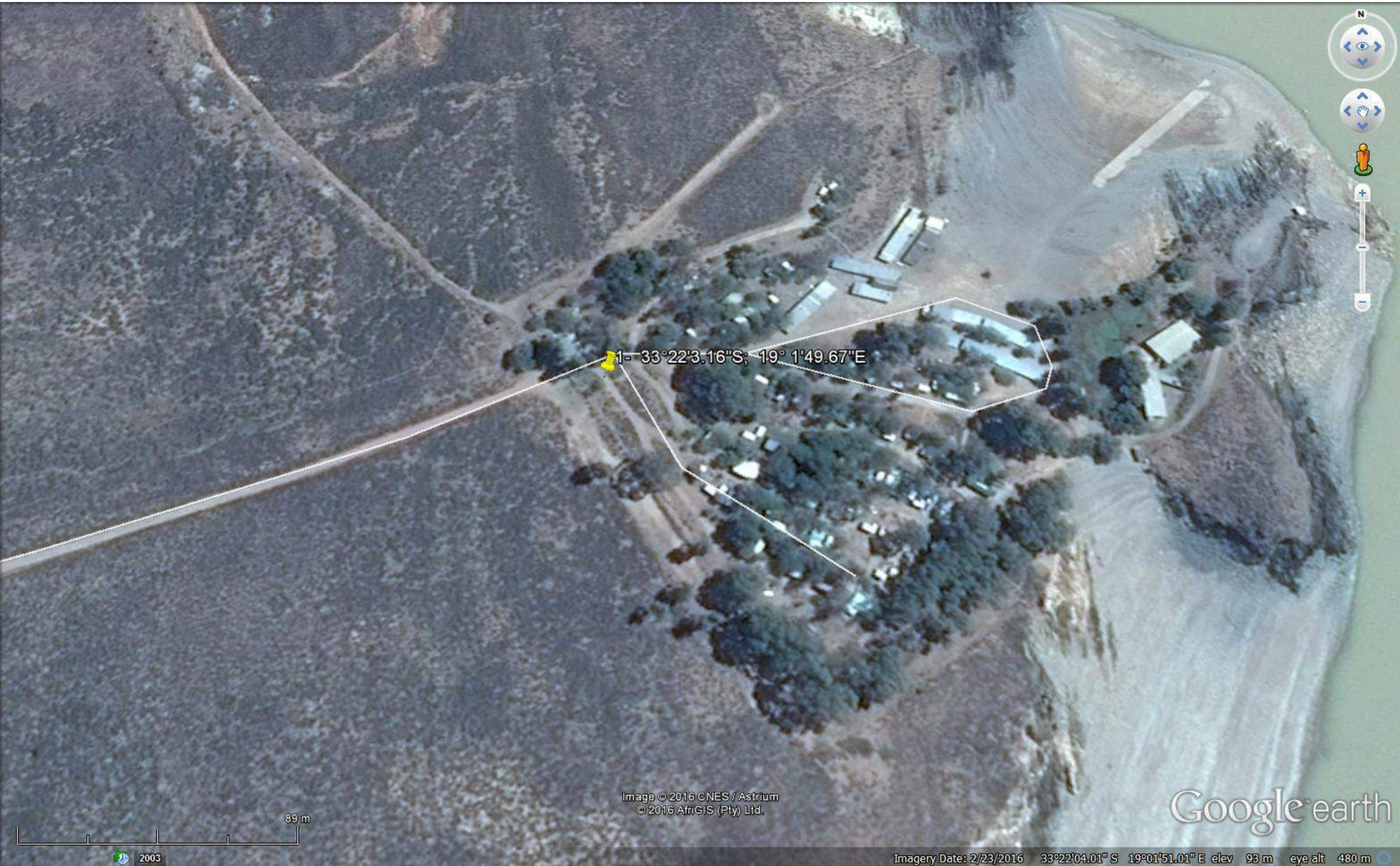
75 m

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Image ©2016 CNES / Astrium

Google earth

2003

Imagery Date: 2/23/2016 33°21'00.37" S 19°01'27.71" E elev 83 m eye alt 402 m



1- 33°22'3.16"S; 19° 1'49.67"E

Image © 2016 CNES / Astrium
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Google earth



2003

Imagery Date: 2/23/2016 33°22'04.01" S 19°01'51.01" E elev 93 m eye alt 480 m



1- 33°19'59.12"S; 19° 2'41.92"E

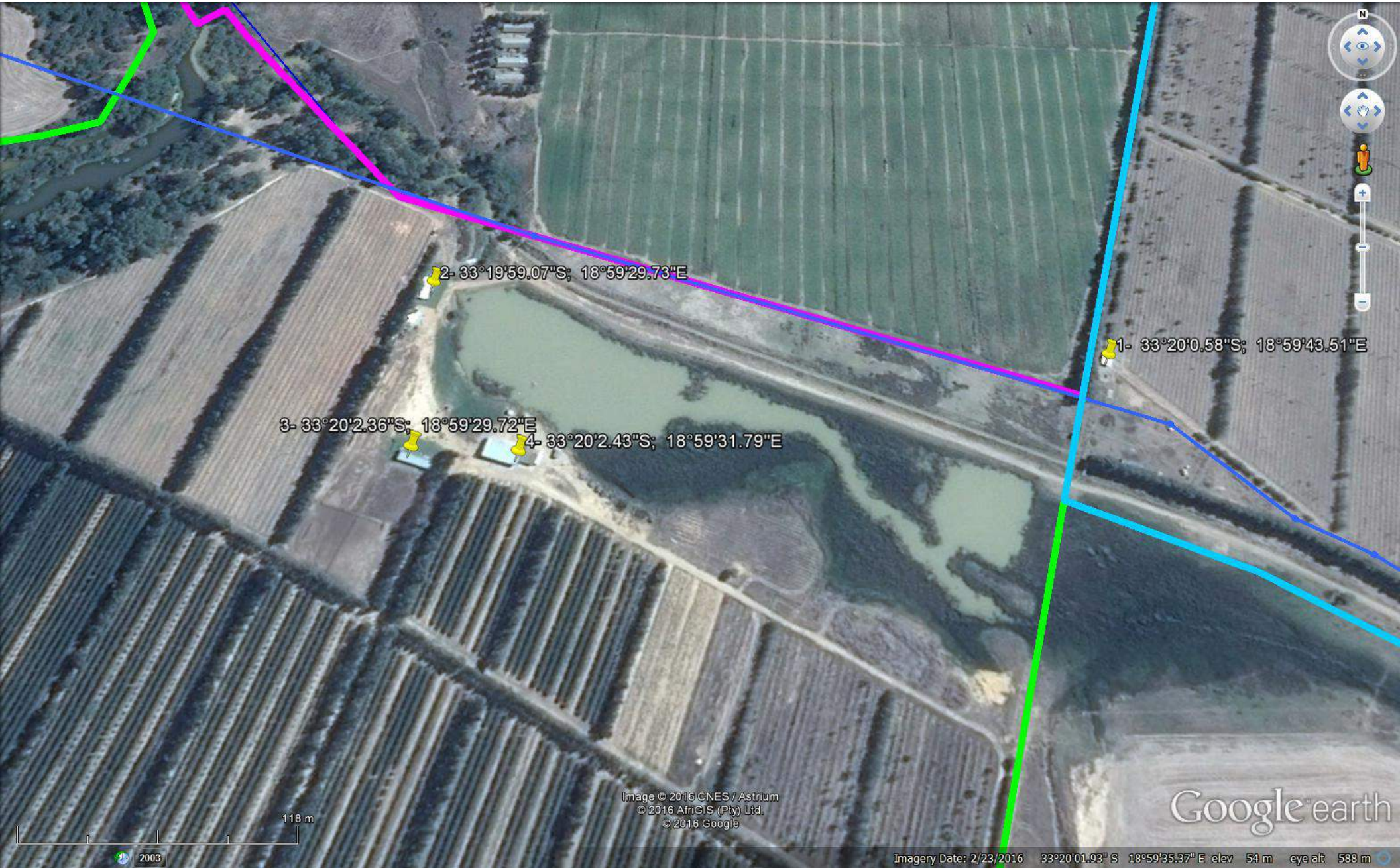
2- 33°20'1.56"S; 19° 2'43.32"E

Image © 2016 CNES / Astrium
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Google earth



Imagery Date: 2/23/2016 33°20'01.68" S 19°02'41.85" E elev 82 m eye alt 474 m



2- 33°19'59.07"S; 18°59'29.73"E

1- 33°20'0.58"S; 18°59'43.51"E

3- 33°20'2.36"S; 18°59'29.72"E

4- 33°20'2.43"S; 18°59'31.79"E

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Google earth

118 m

2003

Imagery Date: 2/23/2016 33°20'01.93" S 18°59'35.37" E elev 54 m eye alt 588 m



1- 33°19'44.47"S; 18°59'29.51"E

3- 33°19'45.60"S; 18°59'32.13"E

4- 33°19'46.17"S; 18°59'25.64"E

2- 33°19'47.88"S; 18°59'30.00"E

Image © 2016 CNES / Astrium
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Google earth



Imagery Date: 2/23/2016 33°19'46.09" S 18°59'31.53" E elev 64 m eye alt 468 m



1- 33°19'22.00"S; 18°59'43.73"E

2- 33°19'25.43"S; 18°59'42.11"E

3- 33°19'26.06"S; 18°59'43.55"E

4- 33°19'27.18"S; 18°59'43.56"E

5- 33°19'27.41"S; 18°59'45.18"E

8 - 33°19'26.18"S; 18°59'48.38"E

7 - 33°19'26.47"S; 18°59'47.92"E

6- 33°19'26.82"S; 18°59'47.38"E

9- 33°19'25.95"S

10- 33°19'26.07"S; 18°59'49.48"E

Image © 2016 CNES / Astrium
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Google earth

59 m

2003

Imagery Date: 2/23/2016 33°19'25.85" S 18°59'47.14" E elev 61 m eye alt 334 m



2- 33°20'12.96"S; 18°57'5.58"E
1- 33°20'13.16"S; 18°57'7.38"E

3- 33°20'14.36"S; 18°57'6.32"E

6- 33°20'14.68"S; 18°57'2.82"E

5- 33°20'15.30"S; 18°57'4.84"E

4- 33°20'15.85"S; 18°57'7.44"E

Image © 2016 CNES / Astrium
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© 2016 Google

Google earth

73 m


Imagery Date: 2/23/2016 33°20'15.12" S 18°57'07.32" E elev 106 m eye alt 430 m

2003




water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

		Proof of Notification		Queries: Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nemai.co.za	
Map No. 5		Date: 24/05/2016		Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nemai.co.za	
Project Number: 10564		Time: 07H00 to 17H00		24/05/2016 07H00 to 17H00	
Project Name: EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)		Type of Notification: Directly Affected Landowners and Occupiers			

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 5 – DWS								
1.	33°20'56.34"S; 19°1'24.24"E	Voelolei Dam No 9.		Dand Schodes	0644459-1801			
2.	33°20'57.68"S; 19°1'24.09"E			DWS othce				
3.	33°20'56.96"S; 19°1'25.58"E			Jonathan Davids	076 652 0658			



	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	5	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers


Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 5- DWS								
4.	33°20'55.79"S; 19°1'27.48"E			leacle magalie	082 805 9446	0		
5.	33°20'56.76"S; 19°1'27.60"E			0			off garage L magalie	
6.	33°20'57.69"S; 19°1'27.57"E			S Sijinga				



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	5	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 5- DWS								
7.	33°20'59.13"S; 19°1'28.02"E			Samuel Jacob			grage at J Kaplan	
8.	33°20'59.69"S; 19°1'27.46"E		J. Mavrici	Jhames Kaptein	083 492 8821		will hard cut	
9.	33°21'1.11"S; 19°1'27.44"E			Samuel Jacob			Daughter may have	


8

Dean Elias



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

		Proof of Notification Vanessa Stippel 011 781 1730 vanessas@nema.co.za	
Map No.	5	Queries:	
Project Number:	10564	Date:	24/05/2016
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Time:	07H00 to 17H00
		Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 5- DWS								
10.	33°21'2.29"S ; 19°1'27.34"E			Samuel Walker		01974-5085. 073-243-1734	2 bellies	
11.	3°21'3.55"S ; 19°1'27.17"			E Helios Walker Old place		MA. Walkers	10 one lives here	



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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	3	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 3- Lamolor								
1.	33°21'51.37"S; 19° 0'55.23"E			Royler	0719661687		Ande zee Coetzee Farm Mogale Bary	- Bosplaat Bary Dirig
2.	33°21'51.11"S; 19° 0'55.66"E						083 76 76 100	
3.	33°21'50.81"S; 19° 0'56.97"E							



	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	3	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 3- Lamolor								
4.	33°21'49.15"S; 19° 0'56.25"E							



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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	1 and 2	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers


Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2 – Swartland WTW								
1.	33°20'46.73"S; 19°0'55.15"E							
2.	33°20'48.22"S; 19°0'55.09"E							
3.	33°20'46.73"S; 19°0'57.90"E		Mr. Fillion	Mr. Fillion	07 953 5560			





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		Proof of Notification		Queries: Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za	
Map No. 1 and 2		Date: 24/05/2016			
Project Number: 10564		Time: 07H00 to 17H00			
Project Name: EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)		Type of Notification: Directly Affected Landowners and Occupiers			

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2- Swartland WTW								
4.	33°20'46.83"S; 19° 0'58.92"E						Med	
5.	33°20'46.66"S; 19° 0'59.52"E			19-11-2016	078 9616110			
6.	33°20'46.85"S; 19° 1'0.13"E			F.S. Badenhorst	062 454 1211			



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	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	1 and 2	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2 - Swartland WTW								
7.	33°20'47.02"S; 19°1'1.94"E	4		J.G. Fransz	076 9600 635			
8.	33°20'47.24"S; 19°1'2.68"E	83						1
9.	33°20'47.42"S; 19°1'3.84"E			019115 0005	-			



		Proof of Notification		Queries: Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nemai.co.za	
Map No. 1 and 2		Date: 24/05/2016		Date: 24/05/2016	
Project Number: 10564		Time: 07H00 to 17H00		Time: 07H00 to 17H00	
Project Name: EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)		Type of Notification: Directly Affected Landowners and Occupiers			

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2 – Swartland WTW								
10.	33°20'47.10"S; 19°14.79"E		<i>Rheta</i>	Rheta	0825091834			
11.	-33°20'47.65"S; 19°0'57.67"E							
12.	33°20'47.79"S; 19°0'58.43"E							



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	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	1 and 2	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2- Swartland WTW								
13.	33°20'47.92"S; 19° 0'59.05"E	191						3
14.	33°20'47.75"S; 19° 1'0.09"E	161						2
15.	33°20'47.88"S; 19° 1'0.79"E		<i>[Signature]</i>	<i>Eric van der Merwe</i>	0782875297			



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	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	1 and 2	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2- Swartland WTW								
16.	33°20'47.86"S; 19°1'2.31"E			Caylin	0837505801			
17.	33°20'48.36"S; 19°1'2.36"E			Phillip	0712 01822 814			
18.	33°20'47.71"S; 19°1'3.18"E			Phillip				



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	Proof of Notification	Queries: Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	1 and 2	Date: 24/05/2016
Project Number:	10564	Time: 07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification: Directly Affected Landowners and Occupiers

Acceptance of BID Register								
Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2- Swartland WTW								
19.	33°20'48.34"S; 19°0'58.02"E		Slawalek	Shalee	0125483248			
20.	33°20'48.55"S; 19°0'58.76"E	22						4
21.	33°20'49.05"S; 19°0'59.71"E		S. S. S. S.	S. S. S. S.	0762535 78 S.			4

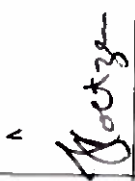


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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

		Proof of Notification		Queries:		Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nemai.co.za	
Map No.		1 and 2		Date:		24/05/2016	
Project Number:		10564		Time:		07H00 to 17H00	
Project Name:		EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)		Type of Notification:		Directly Affected Landowners and Occupiers	

Acceptance of BID Register


Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 1 and 2- Swartland WTW								
22.	33°20'48.39"S; 19°1'0.78"E							
23.	33°20'48.81"S; 19°1'0.83"E			Fabiola Coetzee	078 425 6522			
24.								



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

9178

	Proof of Notification	Queries:	Vanessa Stippel ☎ 011 781 1730 ✉ vanessas@nema.co.za
Map No.	7	Date:	24/05/2016
Project Number:	10564	Time:	07H00 to 17H00
Project Name:	EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)	Type of Notification:	Directly Affected Landowners and Occupiers

Acceptance of BID Register

Map No.	Coordinates	Physical Address	Signature for Acceptance of BID	Name	Contact Details	Designation	Comments	Photo No.
Map 7 – WPALAS								
1.	33°19'59.12"S; 19° 2'41.92"E		<i>[Signature]</i>	Fredrick Jacobs	001 108 435110		Don Yones Dub Manager 013 9140	
2.	33°20'1.56"S; 19° 2'43.32"E							



Thu 26/05/2016 03:09 PM

Vanessa Stippel

10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Project Announcement and Initial Registration Period

To 'welgevonden@mweb.co.za'

Cc Nicky Naidoo; Donovan Henning

You forwarded this message on 26/05/2016 03:11 PM.

Message 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160520-Arno Vlok-signed.pdf

Dear Landowner,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvllei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvllei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

Please see the attached Background Information Document (BID) and landowner notification letter for more information.

This notice serves to notify you, as a potentially affected landowner, of the proposed development. Please complete the attached acknowledgment of receipt and return to Vanessa Stippel by emailing, faxing or posting it to vanessas@nemai.co.za; 0117811731 or PO Box 1673, Sunninghill, 2157. You are also more than welcome to contact Vanessa on 0117811730 if you require any further information.

We look forward to your participation throughout the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Thu 26/05/2016 03:10 PM

Vanessa Stippel

FW: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Project Announcement and Initial Registration Period

To: 'VanZylB@dws.gov.za'

Cc: Nicky Naidoo; Donovan Henning

Message 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160520-DWS-signed.pdf

Dear Landowner,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvllei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvllei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

Please see the attached Background Information Document (BID) and landowner notification letter for more information.

This notice serves to notify you, as a potentially affected landowner, of the proposed development. Please complete the attached acknowledgment of receipt and return to Vanessa Stippel by emailing, faxing or posting it to vanessas@nemai.co.za; 0117811731 or PO Box 1673, Sunninghill, 2157. You are also more than welcome to contact Vanessa on 0117811730 if you require any further information.

We look forward to your participation throughout the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Thu 26/05/2016 03:12 PM

Vanessa Stippel

FW: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Project Announcement and Initial Registration Period

To herman@hvm.cc

Cc pieter@bonaire.co.za; rudolf@bonaire.co.za

Message 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160520-Bonaire-signed.pdf

Dear Landowner,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvelei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvelei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

Please see the attached Background Information Document (BID) and landowner notification letter for more information.

This notice serves to notify you, as a potentially affected landowner, of the proposed development. Please complete the attached acknowledgment of receipt and return to Vanessa Stippel by emailing, faxing or posting it to vanessas@nemai.co.za; 0117811731 or PO Box 1673, Sunninghill, 2157. You are also more than welcome to contact Vanessa on 0117811730 if you require any further information.

We look forward to your participation throughout the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Thu 26/05/2016 03:17 PM

Vanessa Stippel

10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Project Announcement and Initial Registration Period

To: 'duncan@lonelsvet.co.za'

Cc: Nicky Naidoo; Donovan Henning

Message 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160520-LAMOLOR-signed.pdf

Dear Landowner,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvllei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvllei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

Please see the attached Background Information Document (BID) and landowner notification letter for more information.

This notice serves to notify you, as a potentially affected landowner, of the proposed development. Please complete the attached acknowledgment of receipt and return to Vanessa Stippel by emailing, faxing or posting it to vanessas@nemai.co.za; 0117811731 or PO Box 1673, Sunninghill, 2157. You are also more than welcome to contact Vanessa on 0117811730 if you require any further information.

We look forward to your participation throughout the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Thu 26/05/2016 03:11 PM

Vanessa Stippel

10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Project Announcement and Initial Registration Period

To: 'sakkie@rautenbachtransport.co.za'

Cc: Nicky Naidoo; Donovan Henning; Jacques Watney

You forwarded this message on 26/05/2016 03:16 PM.

Message 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160520-Isak Rust-signed.pdf

Dear Landowner,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvllei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvllei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

Please see the attached Background Information Document (BID) and landowner notification letter for more information.

This notice serves to notify you, as a potentially affected landowner, of the proposed development. Please complete the attached acknowledgment of receipt and return to Vanessa Stippel by emailing, faxing or posting it to vanessas@nemai.co.za; 0117811731 or PO Box 1673, Sunninghill, 2157. You are also more than welcome to contact Vanessa on 0117811730 if you require any further information.

We look forward to your participation throughout the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Thu 26/05/2016 03:10 PM

Vanessa Stippel

10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Project Announcement and Initial Registration Period

To: 'nicola.october@drakenstein.gov.za'; 'nico.marais@drakenstein.gov.za'

Cc: Nicky Naidoo; Donovan Henning

Message 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160520-Drakenstein Local Municipality-signed.pdf

Dear Landowner,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvelei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvelei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

Please see the attached Background Information Document (BID) and landowner notification letter for more information.

This notice serves to notify you, as a potentially affected landowner, of the proposed development. Please complete the attached acknowledgment of receipt and return to Vanessa Stippel by emailing, faxing or posting it to vanessas@nemai.co.za; 0117811731 or PO Box 1673, Sunninghill, 2157. You are also more than welcome to contact Vanessa on 0117811730 if you require any further information.

We look forward to your participation throughout the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Wed 01/06/2016 12:51 PM

Vanessa Stippel

10598- EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Landowner Notification

To: 'Almarie van Santen'; nelius@vansanten.co.za'

Message 10598-20160601-Cornelius Van Santen-signed.pdf

Dear Almarie and Nelius,

Thank you for the registration form.

I have added your details to the Interested and Affected Party (IAP) database and you will continue to be notified of the project as it unfolds.

In regards to your query, please see the attached map which shows your farm (Tulburgh Road Farm 441 - C0750000000044100000). The proposed pipeline does not go through your property.

However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads would be used and formalised. This may impact on your property. More information will be included in the Draft Scoping Report which will go out for public review.

We look forward to your continued input.

Kind Regards,

Vanessa Stippel
Environmental Consultant

147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126

-----Original Message-----

From: Almarie van Santen [<mailto:almarie@vansanten.co.za>]

Sent: 29 May 2016 07:49 PM

To: Vanessa Stippel

Subject: REGISTRASIE AS GEAFFEKTEERDE PARTY

Almarie van Santen

Schoongezicht Boerdery
0824366330




Wed 01/06/2016 12:51 PM

Vanessa Stippel

10598- EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Landowner Notification

To 'Almarie van Santen'; 'nelius@vansanten.co.za'

Message  10598-20160601-Cornelius Van Santen-signed.pdf

Hi Almarie and Nelius,

In addition to my email below. Please see the attached formal landowner notification.

Please could you sign the acknowledgment of receipt and return to me.

Kind Regards,

Vanessa Stippel
Environmental Consultant

147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Wed 01/06/2016 01:13 PM

Vanessa Stippel

10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Landowner notification

To 'lsekarsten1@gmail.com'

You forwarded this message on 01/06/2016 01:48 PM.

Message 10598-20160601-Louisa Karsten-signed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160523-WCWSS BID compressed.pdf

Dear Louisa,

Our telephonic discussion has reference:

As discussed, Nemaï Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëllei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëllei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

As per our discussion, the pipeline does not directly impact on your property. However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads would be used and formalised.

Please see the attached landowner notification letter and Background Information Documents. Please could you fill out the acknowledgment of receipt and return back to me. Please also feel free to distribute the Background Information Document to all your staff/farm managers or anyone who you feel may be interested in the project.

We look forward to your contribution to the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Wed 01/06/2016 01:48 PM

Vanessa Stippel

10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Landowner notification

To 'nicovanrensburg69@gmail.com'

Message 10598-20160519-WCWSS BID- afrikaans compressed.pdf 10598-20160523-WCWSS BID compressed.pdf 10598-20160601-Ryktiq-signed.pdf

Dear Nico,

Our telephonic discussion has reference:

As discussed, Nemaï Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voelvlei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voelvlei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

As per our discussion, the pipeline does not directly impact on your property. However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads would be used and formalised.

Please see the attached landowner notification letter and Background Information Documents. Please could you fill out the acknowledgment of receipt and return back to me. Please also feel free to distribute the Background Information Document to all your staff/farm managers or anyone who you feel may be interested in the project.

We look forward to your contribution to the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



Wed 01/06/2016 02:57 PM

Vanessa Stippel

10598- EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System - Landowner notification

To 'info@zonquasdrift.co.za'

Message 10598-20160601-Zonquasdrift Estates-signed.pdf 10598-20160523-WCWSS BID compressed.pdf 10598-20160519-WCWSS BID- afrikaans compressed.pdf

Dear Sir/Madam,

Nemai Consulting was appointed by the Department of Water and Sanitation as the Environmental Assessment Practitioner to undertake the Environmental Impact Assessment (EIA) for the proposed surface water developments for augmentation of the Western Cape Water Supply System (WCWSS) which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voelvlei Dam. This would include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voelvlei Dam;
- A new summer release connection at the existing Swartlands Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

The pipeline does not directly impact on your property. However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads on your property would be used and formalised.

Please see the attached landowner notification letter and Background Information Documents. Please could you fill out the acknowledgment of receipt and return back to me. Please also feel free to distribute the Background Information Document to all your staff/farm managers or anyone who you feel may be interested in the project.

We look forward to your contribution to the process.

Kind Regards,

Vanessa Stippel
Environmental Consultant



147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126



147 Bram Fischer Drive
FERNDALE
2194

P O Box 1673
SUNNINGHILL
2157

Tel: 011 781 1730
Fax: 011 781 1731
www.nemai.co.za

Reference: 10598-20160523/AVlok-Landowner Notification

23 May 2016

WELGEVONDEN TRUST

By Hand:
Portion 2 of SONQUAS DOORDRIFT 647
C0460000000064700002

ATTENTION: Arno Vlok

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

Dear Sir,

This serves to notify you, as a potentially affected landowner, of the proposed Environmental Impact Assessment (EIA) for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WCWSS).

This notice is given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations (Government Notice No. R. 982 of 4 December 2014), in terms of the National Environmental Management Act (Act No. 107 of 1998); and
- The National Water Act (Act No. 36 of 1998).

1. Project Background and Motivation

The WCWSS serves the City of Cape Town (CCT), surrounding urban centres and irrigators. It consists of infrastructure components owned and operated by both the CCT and the Department of Water and Sanitation (DWS). In 2007, the Western Cape Reconciliation Strategy Study was commissioned by DWS to facilitate the reconciliation of predicted future water requirement scenarios for a 25 year planning horizon. The Study investigated a number of options such as desalination, effluent treatment for re-use, groundwater development and possible surface water augmentation options.

According to the Reconciliation Study, the WCWSS area's total present water use was estimated at about 465 million m³/a with the existing sources yielding only about 475 million m³/a. The Reconciliation Study also noted that whilst the Berg Water Project would increase this to 556 million m³/a from 2007, the estimated requirement in 2011 would be 560 million m³/a, with the implication that the system supply will then be fully utilised and thus additional interventions will thus be required at this time.

Nemai Consulting C.C.
CK 1999/66215/23
Member: D Naidoo

Based on the need to augment the WCWSS system, DWS appointed the Western Cape Water Consultants Joint Venture to undertake pre-feasibility level investigations into six potential surface water development options in Phase 1. These options included the following:

- Michell's Pass Diversion Scheme;
- First Phase Augmentation of Voëlvlei Dam;
- Further Phases of Voëlvlei Dam Augmentation;
- Molenaars River Diversion;
- Upper Wit River Diversion; and
- Further Phases of the Palmiet Transfer Scheme.

The six possible options were then prioritized to identify the two most viable options for further investigation at the Feasibility Study level in Phase 2. The Phase 1 outcome indicated the following two priority schemes.

- Berg River-Voëlvlei Augmentation Scheme (BRVAS) (also known as the First Phase Augmentation of Voëlvlei Dam); and
- Breede-Berg Transfer Scheme (BBTS) (also known as the Michell's Pass Diversion Scheme).

Ultimately, the Feasibility Study found that the BRVAS option was the most favourable surface water intervention and as such DWS proposes to implement this scheme which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvlei Dam.

2. Project Location and Components

The proposed project is situated in Western Cape in the Drakenstein Local Municipality of the Cape Winelands District as well as the Swartlands Local Municipality of the West Coast District (**Figure 1**).

The proposed development falls within the Berg River Catchment of the Berg–Olifants Water Management Area. Both Voëlvlei Dam and the Lorelei Abstraction Site on the Berg River are located in quaternary catchment, G10F of the Berg River Catchment.

Figure 2 illustrates the location of the various project components which include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
- A rising main pipeline from the Berg River to Voëlvlei Dam;
- A new summer release connection at the existing Swartland Water Treatment Works to facilitate summer releases; and
- A new connection to existing outlet infrastructure so that water can be released to the Berg River during the summer months under gravity, thus eliminating the need to utilize the existing canal from which water losses occur.

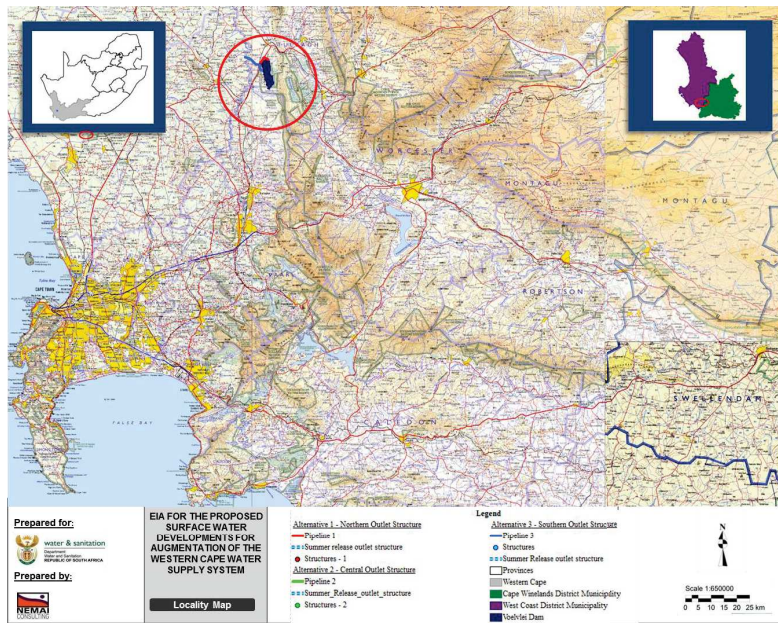


Figure 1: Locality Map

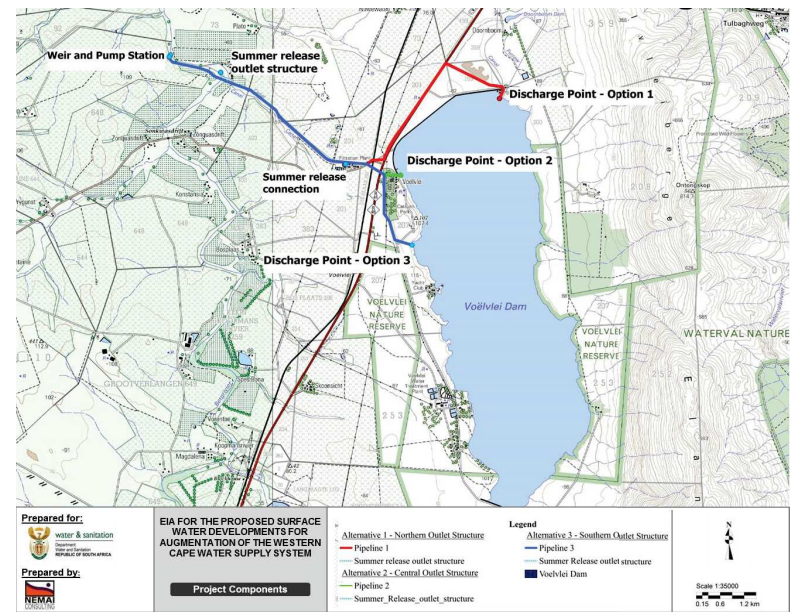


Figure 2: Project Components

3. Environmental Authorisation Process and Landowner Notification

Nemai Consulting was appointed by DWS to act as the Environmental Assessment Practitioner (EAP) to undertake the requisite EIA process for the project, in accordance with GN No. R. 982 of 4 December 2014.

In terms of National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), the lead decision-making authority for the environmental assessment is the Department of Environmental Affairs (DEA) as the project proponent (DWS) is a national department.

As part of the EIA, public participation will be conducted which will serve the following purposes:

- To provide Interested and Affected Parties (IAPs) with an opportunity to obtain information about the project;
- To allow IAPs to express their views, issues and concerns with regard to the project;
- To grant IAPs an opportunity to recommend measures to avoid or reduce adverse impacts and enhance positive impacts associated with the project; and
- To enable DWS and the project team to incorporate the needs, concerns and recommendations of IAPs into the project, where feasible.

This notification, which forms part of the EIA public participation process, is provided in accordance with Regulation 41(2)(b) of Government Notice No. R. 982, which requires that the EAP provides written notice to (amongst others):

- The occupiers of the site and, if the proponent or applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken; and
- Owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken.

Figure 3 shows the footprint of proposed project in relation to your property. In addition, please refer to the attached Background Information Document for further information pertaining to the project.

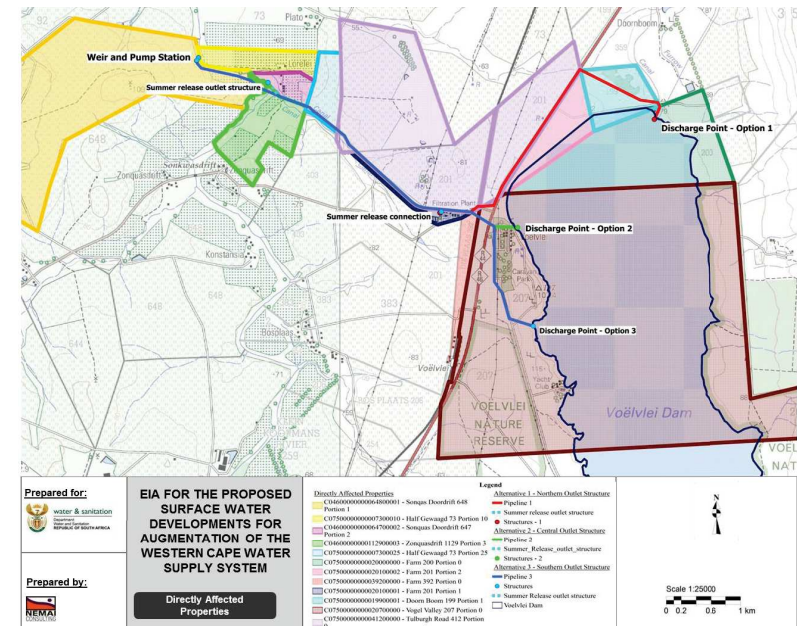


Figure 3: Project Footprint in relation to Properties

4. Access to Land

During the EIA process access may be required to land for the following purposes:

- Placing notices associated with public participation;
- Engaging with the affected landowners;
- Assessing the receiving environment, which includes fieldwork by the project team (including specialist studies).

Project team members will not enter private or occupied communal land without prior permission. As a minimum, any formal protocols that exist for accessing farms will be abided by. When requesting access to land, the following information will be provided to the landowner:

- Purpose of the required access;
- Number of people for which access is required;
- Date on which access is required; and
- Estimated timeframe for which access is required.

In addition, the following provisions in the National Water Act (Act No. 36 of 1998) will also apply:

• **Section 124 (Appointment of authorised persons) -**

- (1) *The Minister or a water management institution may, in writing, appoint any suitable person as an authorised person to perform the functions contemplated in section 125(1), (2) and (3).*
- (2) *An authorised person must be provided with a certificate of appointment signed by or on behalf of the Minister or a water management institution in which the nature of the authorised person's functions is described.*

• **Section 125 (Powers and duties of authorised persons) -**

- (2) *An authorised person may enter a property with the necessary persons, vehicles, equipment and material -*
 - (a) *after giving reasonable notice to the owner or occupier of the property, which notice must state the purpose of the proposed entry; and*
 - (b)(iii) *after obtaining the consent of the owner or occupier of that property, in order to establish the suitability of any water resource or site for constructing a waterwork.*

We kindly request that the attached Acknowledgement Form be completed and provided to Nemai Consulting as proof of this notification.

We will keep you posted as the EIA process unfolds. Please contact the undersigned for any queries.

Yours Sincerely,



Nemai Consulting
Vanessa Stippel
Environmental Assessment Practitioner



P.O. BOX 1673
SUNNINGHILL
2157

147 Bram Fischer Drive
Ferndale
2194

Phone: (011) 781 1730
Fax: (011) 781 1731
Email: vanessas@nema.co.za



147 Bram Fischer Drive
FERNDALE
2194

P O Box 1673
SUNNINGHILL
2157

Tel: 011 781 1730
Fax: 011 781 1731
www.nema.co.za

EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	
REGISTERED OWNER(S):		
POSTAL ADDRESS:		
TEL NO:		
FAX NO:		
MOBILE NO:		
EMAIL ADDRESS:		

ACKNOWLEDGEMENT:

I hereby acknowledge receipt of the landowner notification regarding the Department of Water and Sanitation's intentions of developing Proposed Surface Water Developments for Augmentation of the WCWSS.

Signature: _____ Date _____
(Landowner / Delegated Representative)

Comments:

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING

Reference: 10598-20160523/Bonaire Projects-Landowner Notification

23 May 2016

BONAIRE PROJECTS PTY LTD
By Hand:
Portion 3 of ZONQUASDRIF 1129
C04600000000112900003

ATTENTION: HENDRIK FRANCOIS CONRADIE/CHRISTIAN LILONGENI RANGA HAIKALI and HERMAN ALBERT VAN DER MERWE

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

Dear Sirs,

This serves to notify you, as a potentially affected landowner, of the proposed Environmental Impact Assessment (EIA) for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WCWSS).

This notice is given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations (Government Notice No. R. 982 of 4 December 2014), in terms of the National Environmental Management Act (Act No. 107 of 1998); and
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m³/a, with the implication that the system supply will then be fully utilised and thus additional interventions will thus be required at this time.

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- First Phase Augmentation of Voëlvlei Dam;
- Further Phases of Voëlvlei Dam Augmentation;
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- Upper Wit River Diversion; and
- Further Phases of the Palmiet Transfer Scheme.

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Ultimately, the Feasibility Study found that the BRVAS option was the most favourable surface water intervention and as such DWS proposes to implement this scheme which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvlei Dam.

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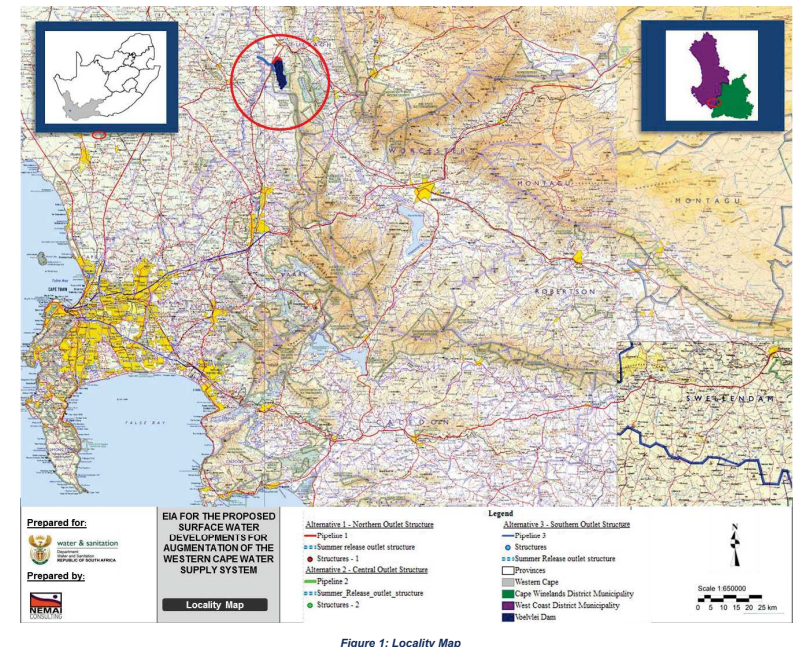


Figure 1: Locality Map

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- The occupiers of the site and, if the proponent or applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken; and
- Owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken.

Figure 3 shows the footprint of proposed project in relation to your property. In addition, please refer to the attached Background Information Document for further information pertaining to the project.

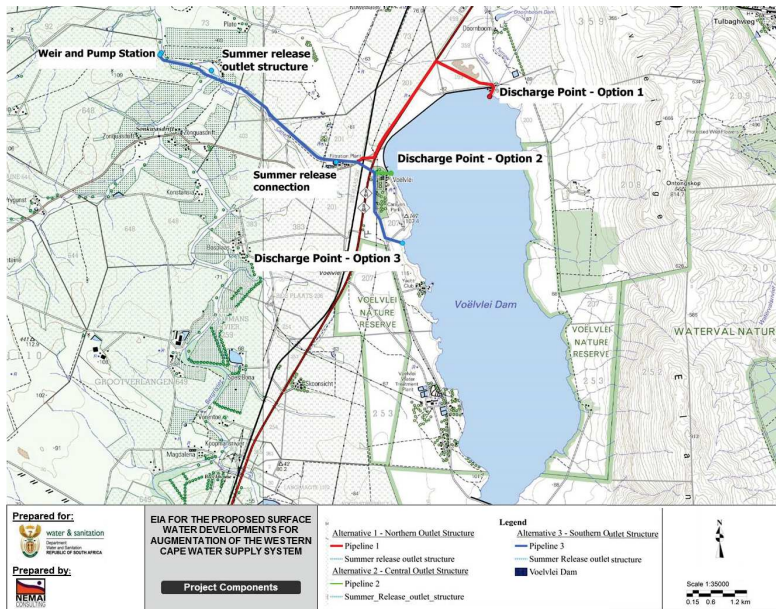


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In addition, the following provisions in the National Water Act (Act No. 36 of 1998) will also apply:

- **Section 124 (Appointment of authorised persons) -**

- (1) *The Minister or a water management institution may, in writing, appoint any suitable person as an authorised person to perform the functions contemplated in section 125(1), (2) and (3).*
- (2) *An authorised person must be provided with a certificate of appointment signed by or on behalf of the Minister or a water management institution in which the nature of the authorised person's functions is described.*

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 - (a) *after giving reasonable notice to the owner or occupier of the property, which notice must state the purpose of the proposed entry; and*
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We kindly request that the attached Acknowledgement Form be completed and provided to Nema Consulting as proof of this notification.

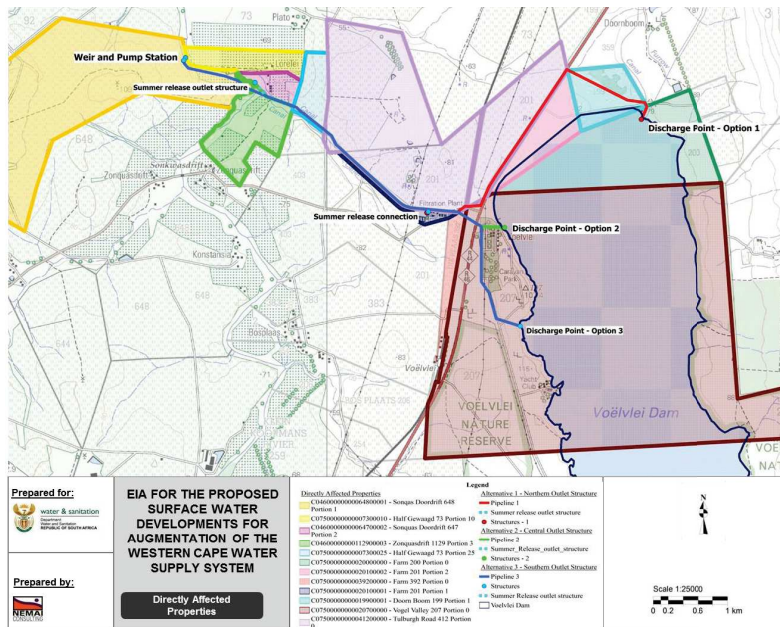


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We will keep you posted as the EIA process unfolds. Please contact the undersigned for any queries.

Yours Sincerely,



Nemai Consulting
 Vanessa Stippel
 Environmental Assessment Practitioner



P.O. BOX 1673
 SUNNINGHILL
 2157

147 Bram Fischer Drive
 Ferndale
 2194

Phone: (011) 781 1730
 Fax: (011) 781 1731
 Email: vanessas@nemai.co.za

EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	

REGISTERED OWNER(S):	
-----------------------------	--

POSTAL ADDRESS:	
------------------------	--

TEL NO:	
----------------	--

FAX NO:	
----------------	--

MOBILE NO:	
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EMAIL ADDRESS:	
-----------------------	--

ACKNOWLEDGEMENT:

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Signature: (Landowner / Delegated Representative)	Date
---	-------------

Comments:

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING



147 Bram Fischer Drive
FERNDALE
2194

P O Box 1673
SUNNINGHILL
2157

Tel: 011 781 1730
Fax: 011 781 1731
www.nemai.co.za

Reference: 10598-20160523/NOctober-Landowner Notification

23 May 2016

DRAKENSTEIN LOCAL MUNICIPALITY
By Hand:

Tulburgh Road 412

C07500000000041200000

ATTENTION: Nicola October

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

Dear Madam,

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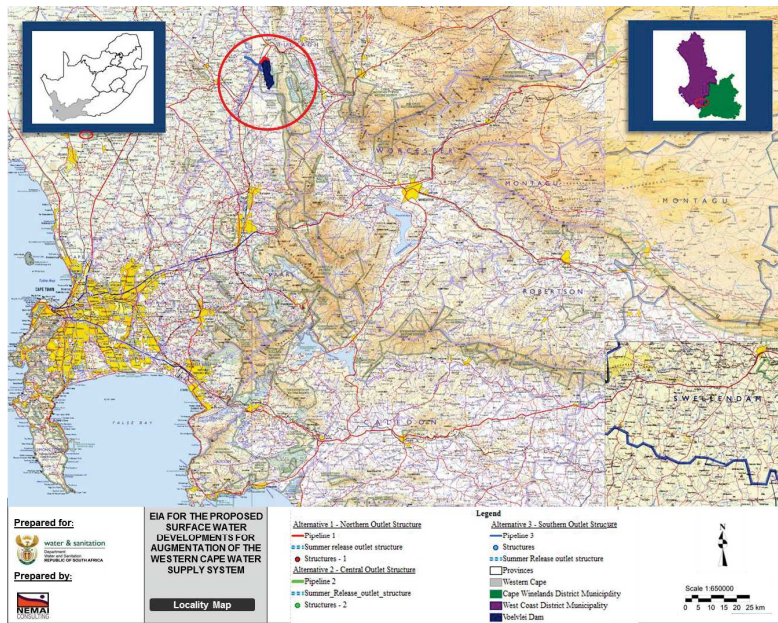


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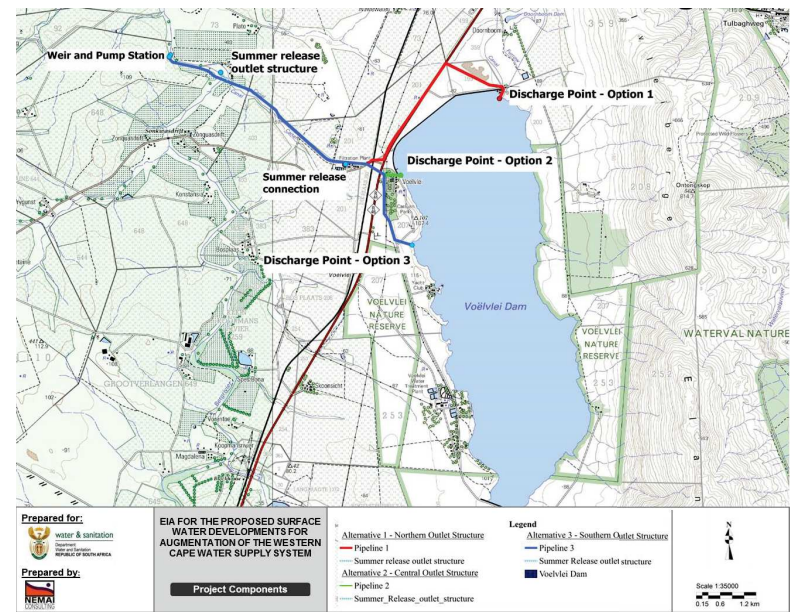


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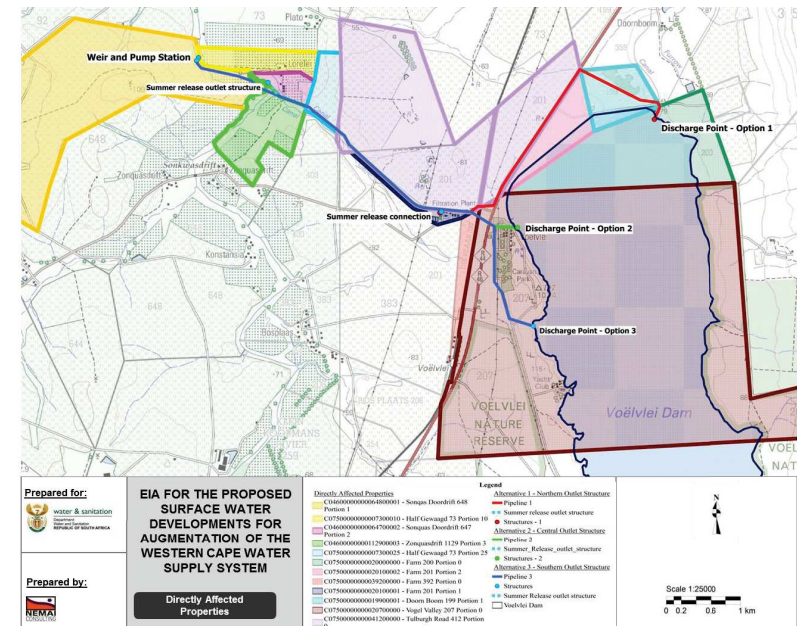


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Nemai Consulting
Vanessa Stippel
Environmental Assessment Practitioner



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EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	
REGISTERED OWNER(S):		
POSTAL ADDRESS:		
TEL NO:		
FAX NO:		
MOBILE NO:		
EMAIL ADDRESS:		

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Signature: (Landowner / Delegated Representative)	Date
Comments:	

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING

Reference: 10598-20160523/Farm 201-Landowner Notification

23 May 2016

By Hand:
Portion 1 of Farm 201
C0750000000020100001

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

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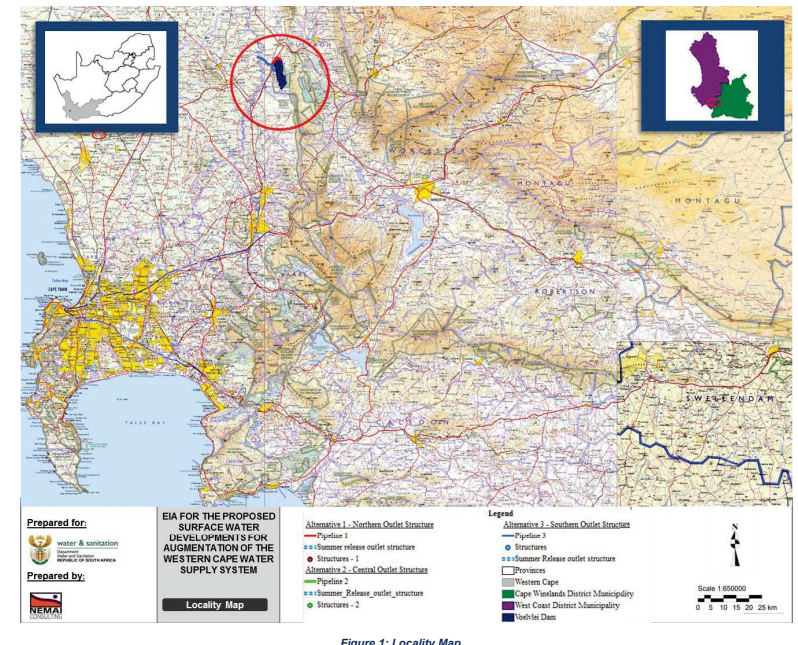


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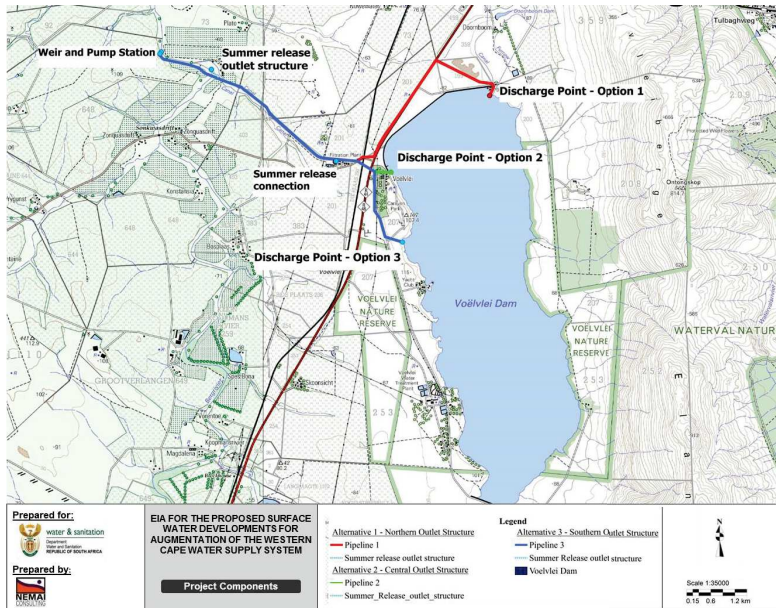


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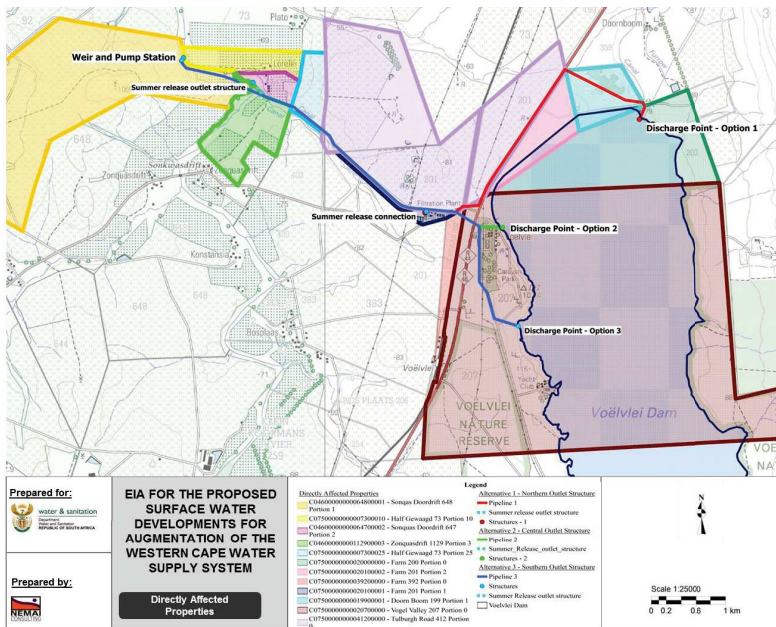


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EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

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FARM / PROPERTY DETAILS:	Farm Name:	
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POSTAL ADDRESS:	
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Tel: 011 781 1730
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www.nemai.co.za

Reference: 10598-20160523/I Rust-Landowner Notification

23 May 2016

BENBERNHARD BELEGGINGS

By Hand:
Portion 1 of SONQUAS DOORDRIFT 648
C0460000000064800001

ATTENTION: ISAK CORNELIS RUST

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

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Nemai Consulting C.C.
CK 1999/66215/23
Member: D Naidoo

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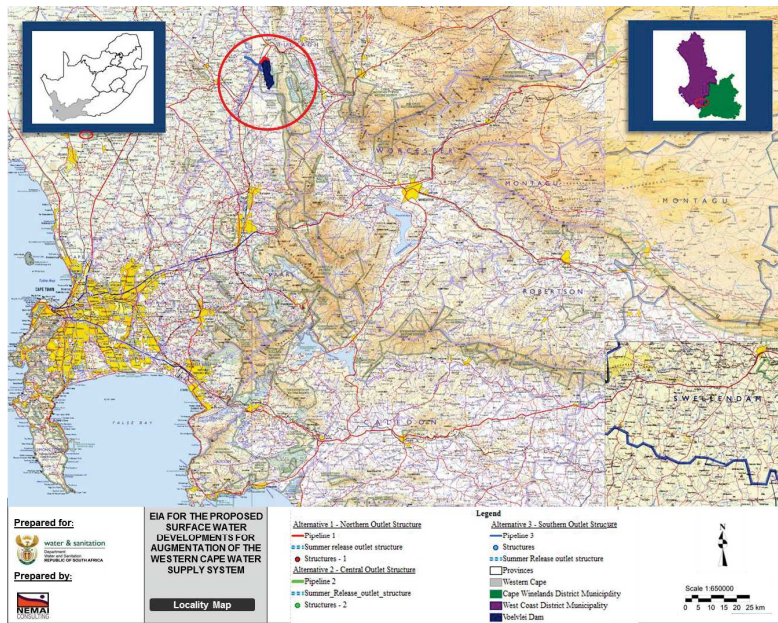


Figure 1: Locality Map

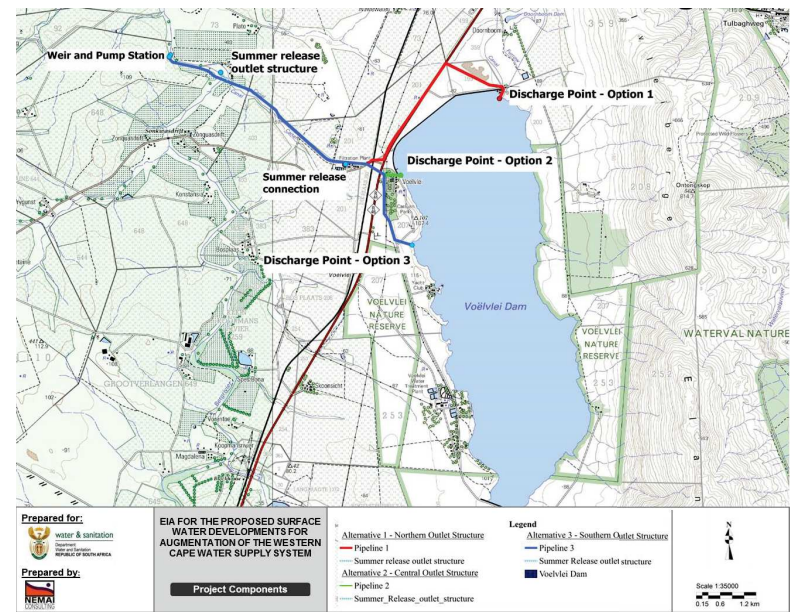


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3. Environmental Authorisation Process and Landowner Notification

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As part of the EIA, public participation will be conducted which will serve the following purposes:

- To provide Interested and Affected Parties (IAPs) with an opportunity to obtain information about the project;
- To allow IAPs to express their views, issues and concerns with regard to the project;
- To grant IAPs an opportunity to recommend measures to avoid or reduce adverse impacts and enhance positive impacts associated with the project; and
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This notification, which forms part of the EIA public participation process, is provided in accordance with Regulation 41(2)(b) of Government Notice No. R. 982, which requires that the EAP provides written notice to (amongst others):

- The occupiers of the site and, if the proponent or applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken; and
- Owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken.

Figure 3 shows the footprint of proposed project in relation to your property. In addition, please refer to the attached Background Information Document for further information pertaining to the project.

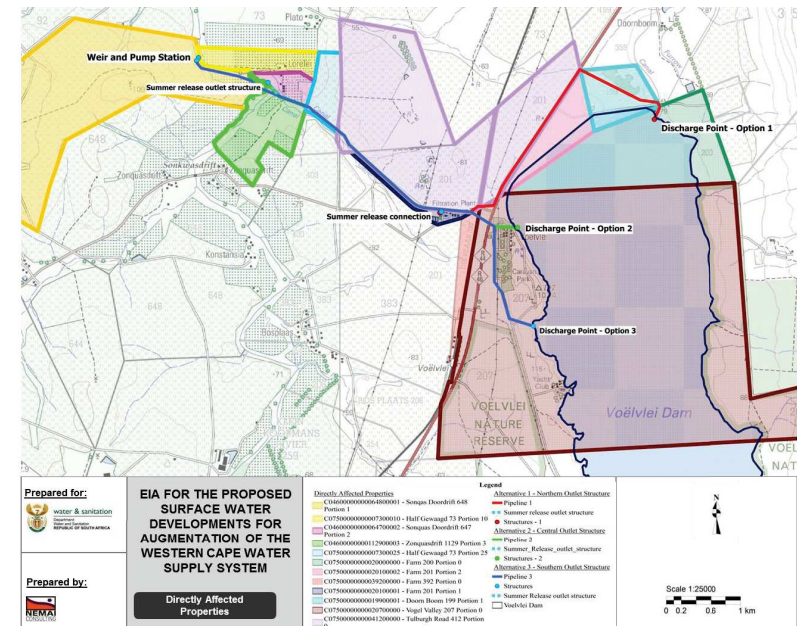


Figure 3: Project Footprint in relation to Properties

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- Engaging with the affected landowners;
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• **Section 124 (Appointment of authorised persons) -**

- (1) *The Minister or a water management institution may, in writing, appoint any suitable person as an authorised person to perform the functions contemplated in section 125(1), (2) and (3).*
- (2) *An authorised person must be provided with a certificate of appointment signed by or on behalf of the Minister or a water management institution in which the nature of the authorised person's functions is described.*

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- (2) *An authorised person may enter a property with the necessary persons, vehicles, equipment and material -*
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We kindly request that the attached Acknowledgement Form be completed and provided to Nemai Consulting as proof of this notification.

We will keep you posted as the EIA process unfolds. Please contact the undersigned for any queries.

Yours Sincerely,



Nemai Consulting
Vanessa Stippel
Environmental Assessment Practitioner



P.O. BOX 1673
SUNNINGHILL
2157

147 Bram Fischer Drive
Ferndale
2194

Phone: (011) 781 1730
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EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	
REGISTERED OWNER(S):		
POSTAL ADDRESS:		
TEL NO:		
FAX NO:		
MOBILE NO:		
EMAIL ADDRESS:		

ACKNOWLEDGEMENT:

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Signature: _____ Date _____
(Landowner / Delegated Representative)

Comments:

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING

Reference: 10598-20160523/Lamolor-Landowner Notification

23 May 2016

LAMOLOR
By Hand:
Portion 0 of FARM 392
C0750000000039200000

ATTENTION: CASPER HENDRIK LOUW and DUNCAN LIONEL STEPHENSON

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

Dear Sirs,

This serves to notify you, as a potentially affected landowner, of the proposed Environmental Impact Assessment (EIA) for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WCWSS).

This notice is given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations (Government Notice No. R. 982 of 4 December 2014), in terms of the National Environmental Management Act (Act No. 107 of 1998); and
- The National Water Act (Act No. 36 of 1998).

1. Project Background and Motivation

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According to the Reconciliation Study, the WCWSS area's total present water use was estimated at about 465 million m³/a with the existing sources yielding only about 475 million m³/a. The Reconciliation Study also noted that whilst the Berg Water Project would increase this to 556 million m³/a from 2007, the estimated requirement in 2011 would be 560 million m³/a, with the implication that the system supply will then be fully utilised and thus additional interventions will thus be required at this time.

Based on the need to augment the WCWSS system, DWS appointed the Western Cape Water Consultants Joint Venture to undertake pre-feasibility level investigations into six potential surface water development options in Phase 1. These options included the following:

- Michell's Pass Diversion Scheme;
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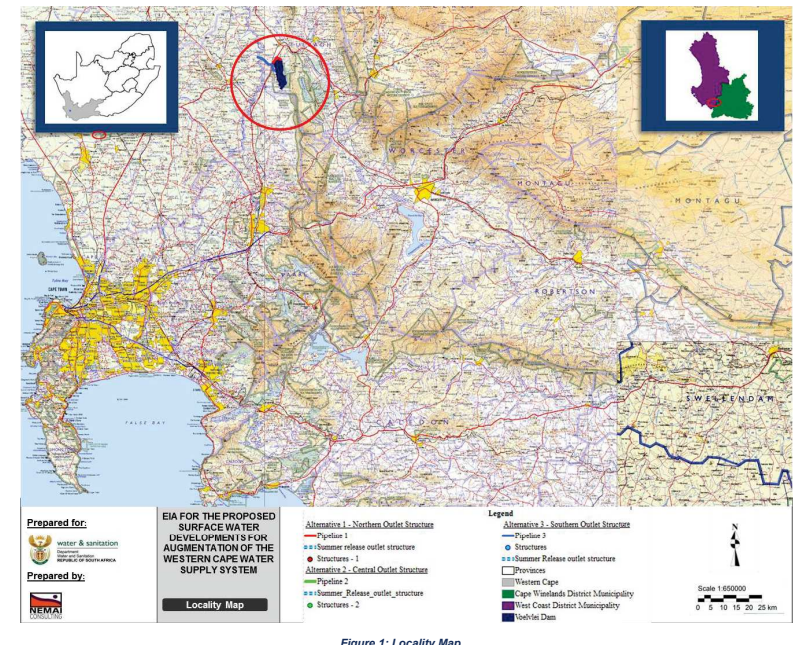


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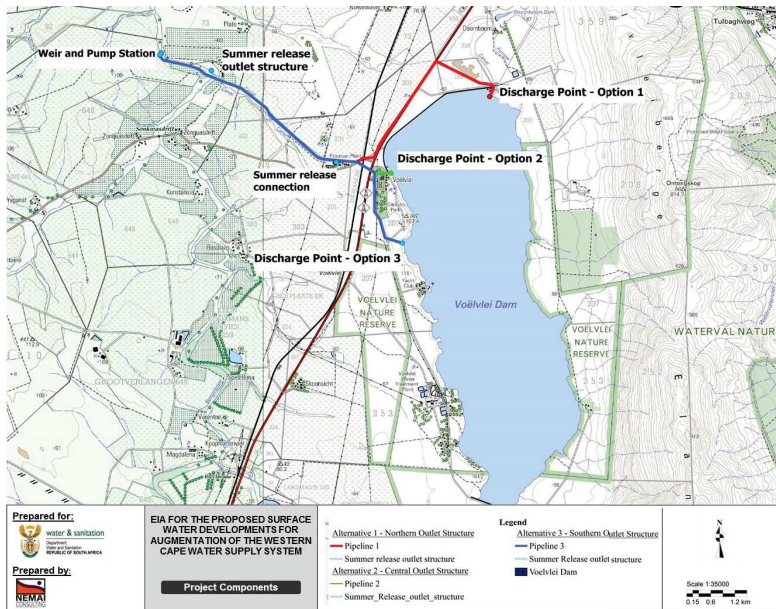


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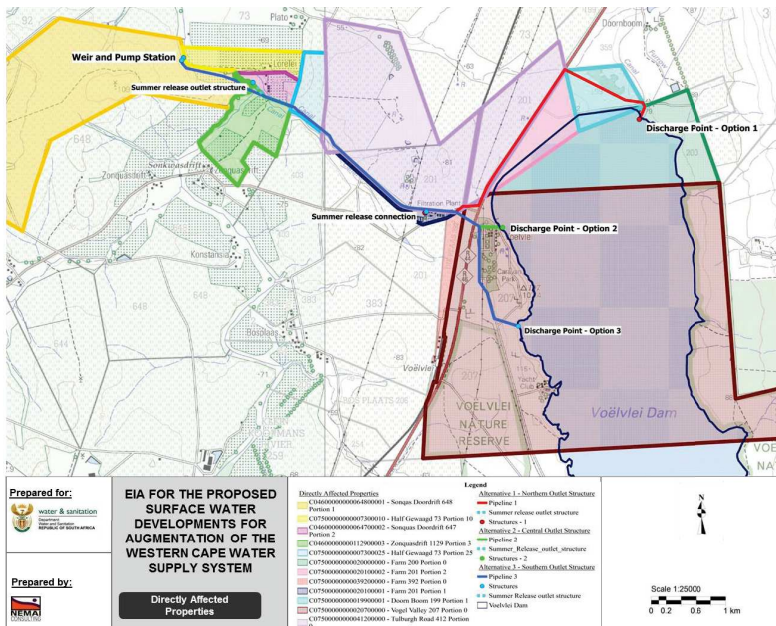


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Yours Sincerely,



Nemai Consulting
 Vanessa Stippel
 Environmental Assessment Practitioner



P.O. BOX 1673
 SUNNINGHILL
 2157

147 Bram Fischer Drive
 Ferndale
 2194

Phone: (011) 781 1730
 Fax: (011) 781 1731
 Email: vanessas@nemai.co.za

EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	

REGISTERED OWNER(S):	
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POSTAL ADDRESS:	
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TEL NO:	
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FAX NO:	
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MOBILE NO:	
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EMAIL ADDRESS:	
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Signature: (Landowner / Delegated Representative)	Date
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Comments:

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING



147 Bram Fischer Drive
FERNDALE
2194

P O Box 1673
SUNNINGHILL
2157

Tel: 011 781 1730
Fax: 011 781 1731
www.nemai.co.za

Reference: 10598-20160601/Cornelius van Santen-Landowner Notification

01 June 2016

Posbus 44
Hermon
7308

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

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Nemai Consulting C.C.
CK 1999/66215/23
Member: D Naidoo

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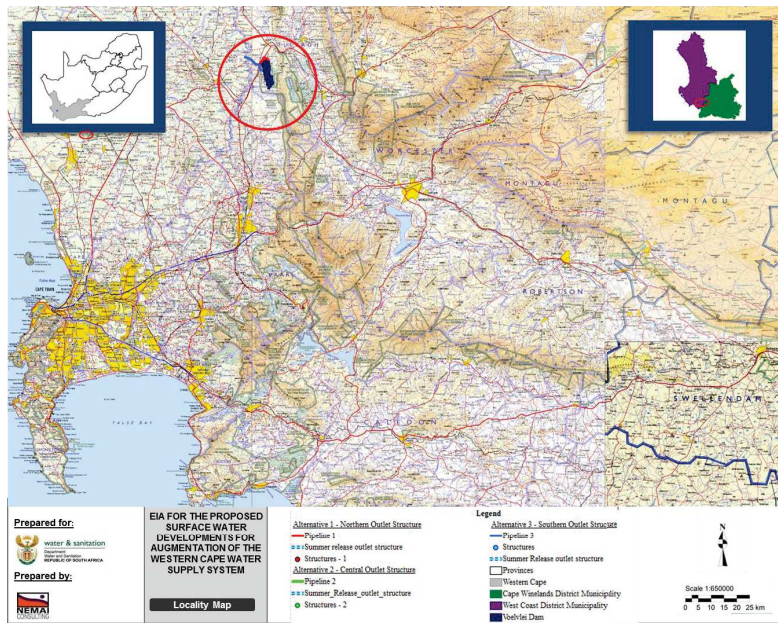


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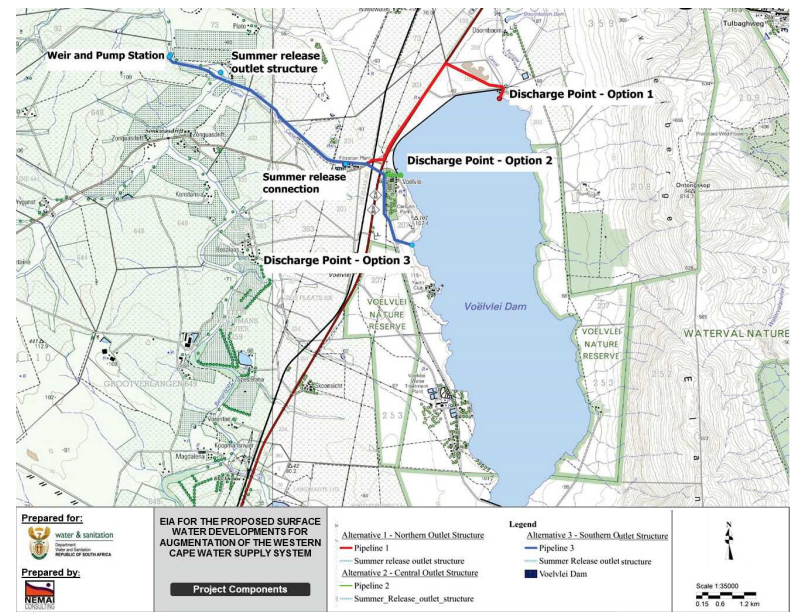


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Please also note, as per my email dated 31 May 2016, the pipeline does not directly impact on your property. However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads would be used and formalised. This may impact on your property. More information will be included in the Draft Scoping Report which will go out for public review

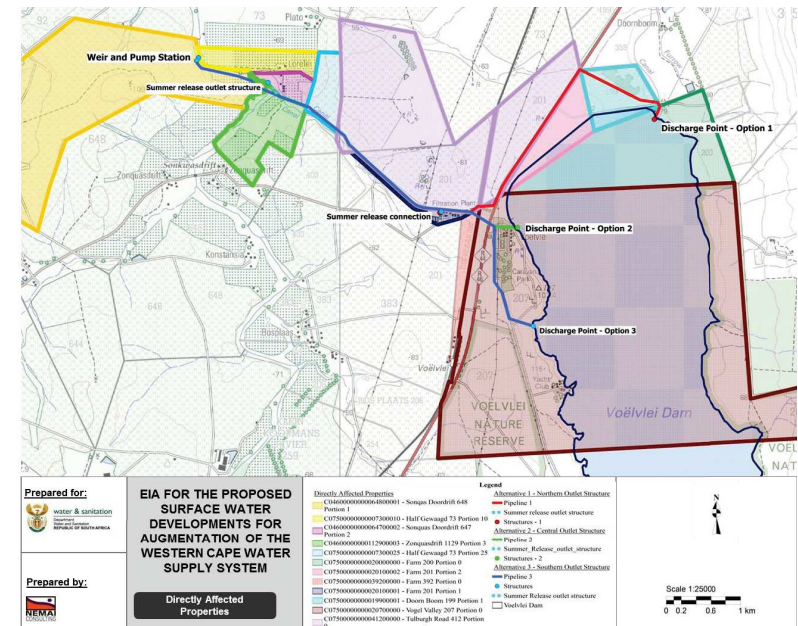


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Signature: (Landowner / Delegated Representative)	Date
---	-------------

Comments:

--

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING

Reference: 10598-20160601/Louisa Karsten-Landowner Notification

01 June 2016

1 Villa Clairette
Meyersdal Ult 11
ALBERTON
01448

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

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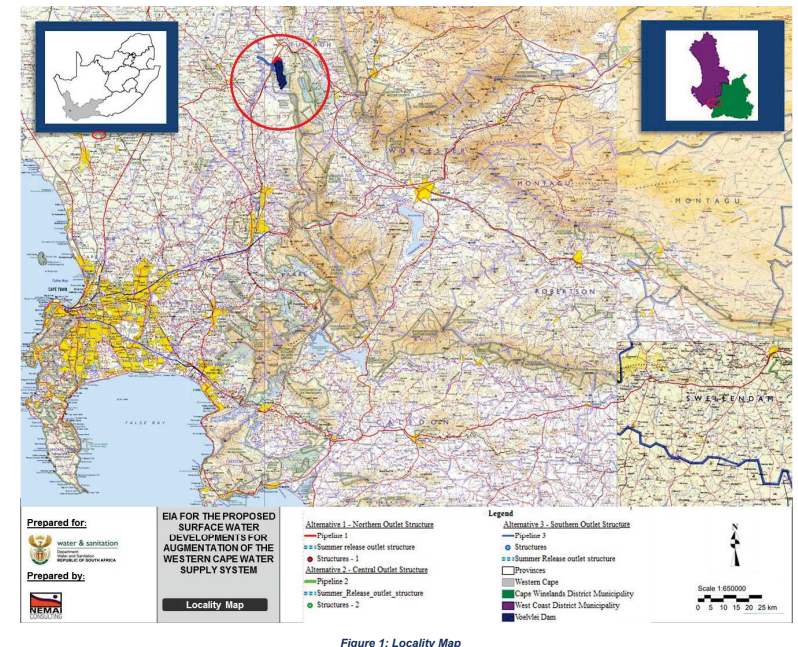


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- Owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken.

Figure 3 shows the footprint of proposed project in relation to your property. In addition, please refer to the attached Background Information Document for further information pertaining to the project.

Please also note, as per our discussion on 1 June 2016, the pipeline does not directly impact on your property. However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads would be used and formalised. This may impact on your property (**Figure 4**). More information will be included in the Draft Scoping Report which will go out for public review.

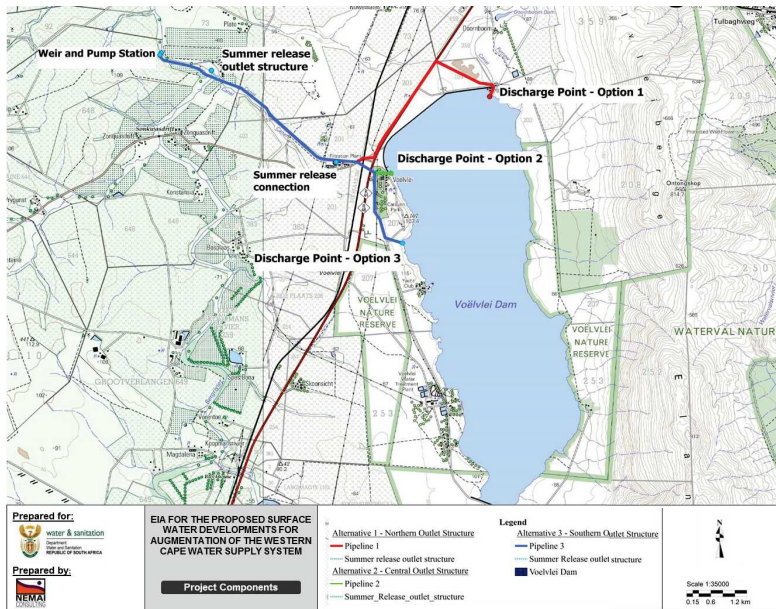


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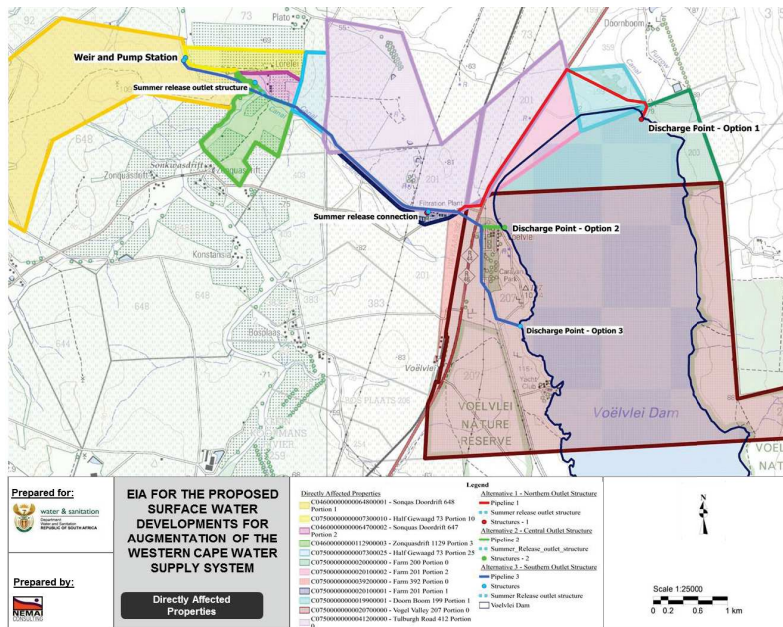


Figure 3: Project Footprint in relation to Properties

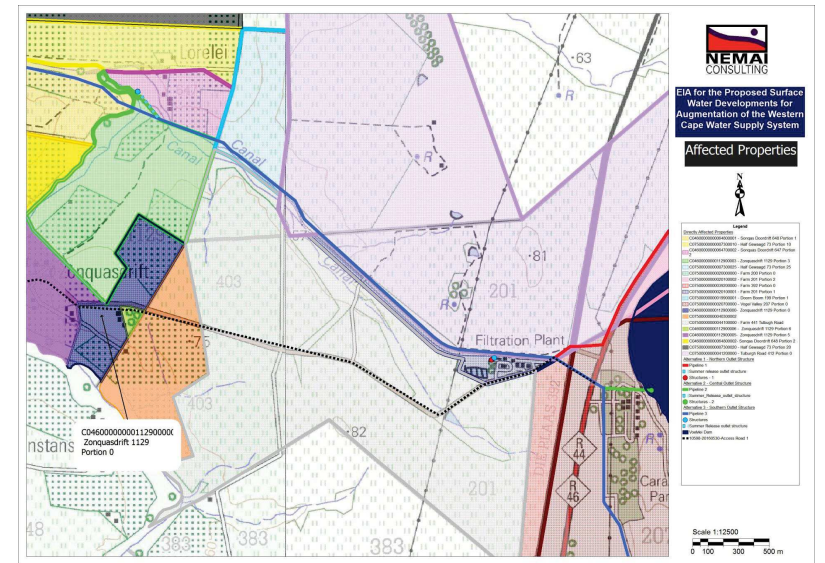


Figure 4: Potential Access road

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- Placing notices associated with public participation;
- Engaging with the affected landowners;
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- Number of people for which access is required;
- Date on which access is required; and
- Estimated timeframe for which access is required.

In addition, the following provisions in the National Water Act (Act No. 36 of 1998) will also apply:

• **Section 124 (Appointment of authorised persons) -**

- (1) *The Minister or a water management institution may, in writing, appoint any suitable person as an authorised person to perform the functions contemplated in section 125(1), (2) and (3).*
- (2) *An authorised person must be provided with a certificate of appointment signed by or on behalf of the Minister or a water management institution in which the nature of the authorised person's functions is described.*

• **Section 125 (Powers and duties of authorised persons) -**

- (2) *An authorised person may enter a property with the necessary persons, vehicles, equipment and material -*
 - (a) *after giving reasonable notice to the owner or occupier of the property, which notice must state the purpose of the proposed entry; and*
 - (b)(iii) *after obtaining the consent of the owner or occupier of that property, in order to establish the suitability of any water resource or site for constructing a waterwork.*

We kindly request that the attached Acknowledgement Form be completed and provided to Nemai Consulting as proof of this notification.

We will keep you posted as the EIA process unfolds. Please contact the undersigned for any queries.

Yours Sincerely,



Nemai Consulting
Vanessa Stippel
Environmental Assessment Practitioner



P.O. BOX 1673
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EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	

REGISTERED OWNER(S):	
-----------------------------	--

POSTAL ADDRESS:	
------------------------	--

TEL NO:	
----------------	--

FAX NO:	
----------------	--

MOBILE NO:	
-------------------	--

EMAIL ADDRESS:	
-----------------------	--

ACKNOWLEDGEMENT:

I hereby acknowledge receipt of the landowner notification regarding the Department of Water and Sanitation's intentions of developing Proposed Surface Water Developments for Augmentation of the WCWSS.

Signature: (Landowner / Delegated Representative)	Date
---	-------------

Comments:

--

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING

Reference: 10598-20160601/Ryktiq-Landowner Notification

01 June 2016

RYKTIQ PTY LTD
PO Box 113
WORCESTER
6849

RE: 10598 - EIA for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System – Landowner Notification

Dear Sir/Madam,

This serves to notify you, as a potentially affected landowner, of the proposed Environmental Impact Assessment (EIA) for the Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WCWSS).

This notice is given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations (Government Notice No. R. 982 of 4 December 2014), in terms of the National Environmental Management Act (Act No. 107 of 1998); and
- The National Water Act (Act No. 36 of 1998).

1. Project Background and Motivation

The WCWSS serves the City of Cape Town (CCT), surrounding urban centres and irrigators. It consists of infrastructure components owned and operated by both the CCT and the Department of Water and Sanitation (DWS). In 2007, the Western Cape Reconciliation Strategy Study was commissioned by DWS to facilitate the reconciliation of predicted future water requirement scenarios for a 25 year planning horizon. The Study investigated a number of options such as desalination, effluent treatment for re-use, groundwater development and possible surface water augmentation options.

According to the Reconciliation Study, the WCWSS area's total present water use was estimated at about 465 million m³/a with the existing sources yielding only about 475 million m³/a. The Reconciliation Study also noted that whilst the Berg Water Project would increase this to 556 million m³/a from 2007, the estimated requirement in 2011 would be 560 million m³/a, with the implication that the system supply will then be fully utilised and thus additional interventions will thus be required at this time.

Based on the need to augment the WCWSS system, DWS appointed the Western Cape Water Consultants Joint Venture to undertake pre-feasibility level investigations into six potential surface water development options in Phase 1. These options included the following:

- Michell's Pass Diversion Scheme;
- First Phase Augmentation of Voëlvlei Dam;
- Further Phases of Voëlvlei Dam Augmentation;
- Molenaars River Diversion;
- Upper Wit River Diversion; and
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The six possible options were then prioritized to identify the two most viable options for further investigation at the Feasibility Study level in Phase 2. The Phase 1 outcome indicated the following two priority schemes.

- Berg River-Voëlvlei Augmentation Scheme (BRVAS) (also known as the First Phase Augmentation of Voëlvlei Dam); and
- Breede-Berg Transfer Scheme (BBTS) (also known as the Michell's Pass Diversion Scheme).

Ultimately, the Feasibility Study found that the BRVAS option was the most favourable surface water intervention and as such DWS proposes to implement this scheme which involves the transfer of approximately 23 million m³ per annum from the Berg River to the existing Voëlvlei Dam.

2. Project Location and Components

The proposed project is situated in Western Cape in the Drakenstein Local Municipality of the Cape Winelands District as well as the Swartlands Local Municipality of the West Coast District (**Figure 1**).

The proposed development falls within the Berg River Catchment of the Berg–Olifants Water Management Area. Both Voëlvlei Dam and the Lorelei Abstraction Site on the Berg River are located in quaternary catchment, G10F of the Berg River Catchment.

Figure 2 illustrates the location of the various project components which include the following:

- A crump weir, abstraction works and 4 m³/s raw water pump station on the Berg River;
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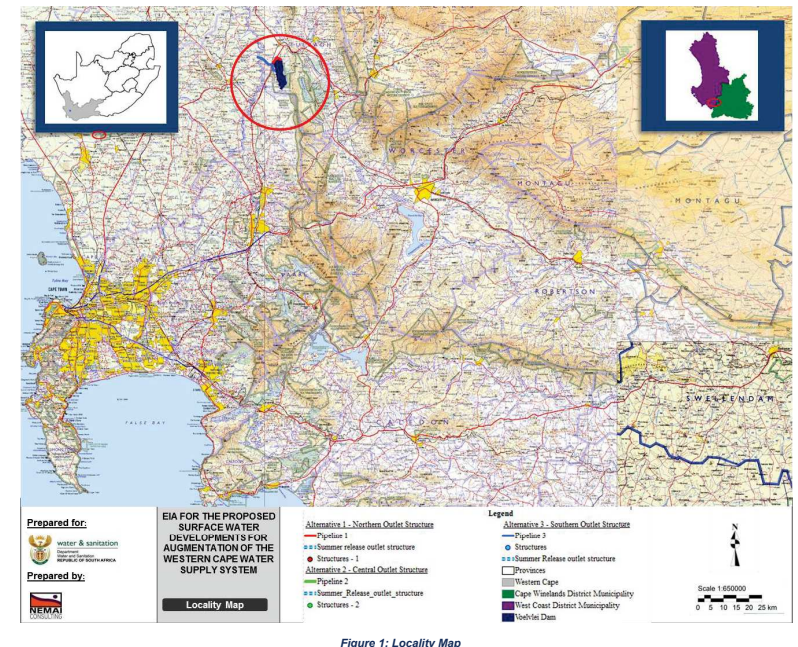


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Figure 3 shows the footprint of proposed project in relation to your property. In addition, please refer to the attached Background Information Document for further information pertaining to the project.

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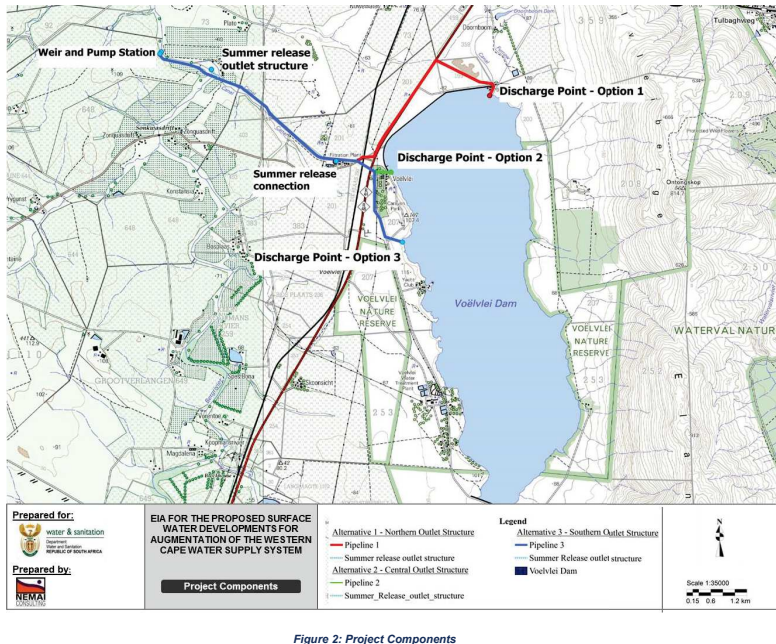


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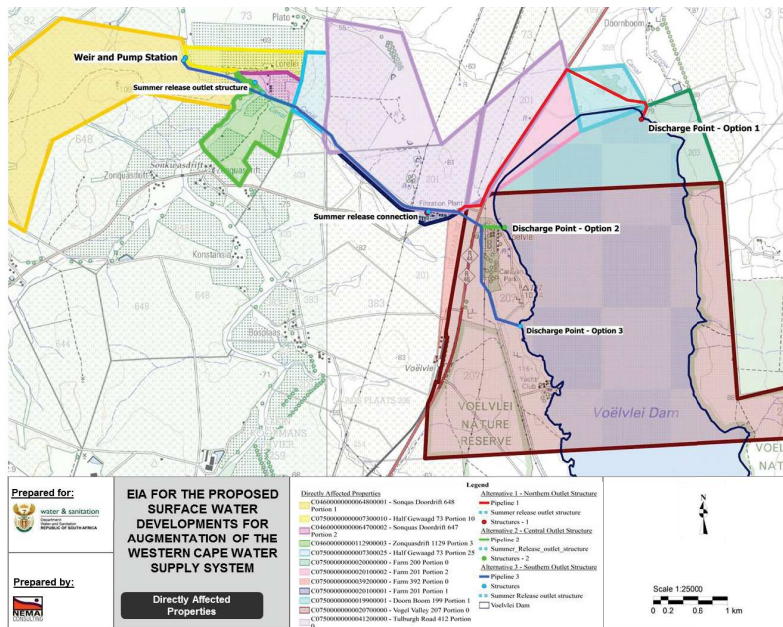


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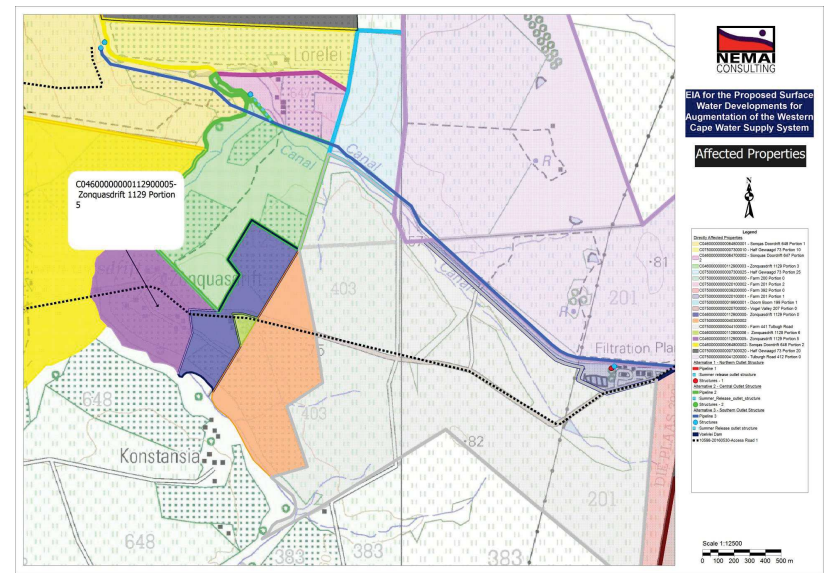


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EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

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	Portions Owned:	
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TEL NO:		
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Signature: _____ Date _____
(Landowner / Delegated Representative)

Comments:

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Reference: 10598-20160601/Zonquasdrift Estates-Landowner Notification

01 June 2016

ZONQUASDRIFT ESTATES PTY LTD
P O BOX 107
MALMESBURY
7299"

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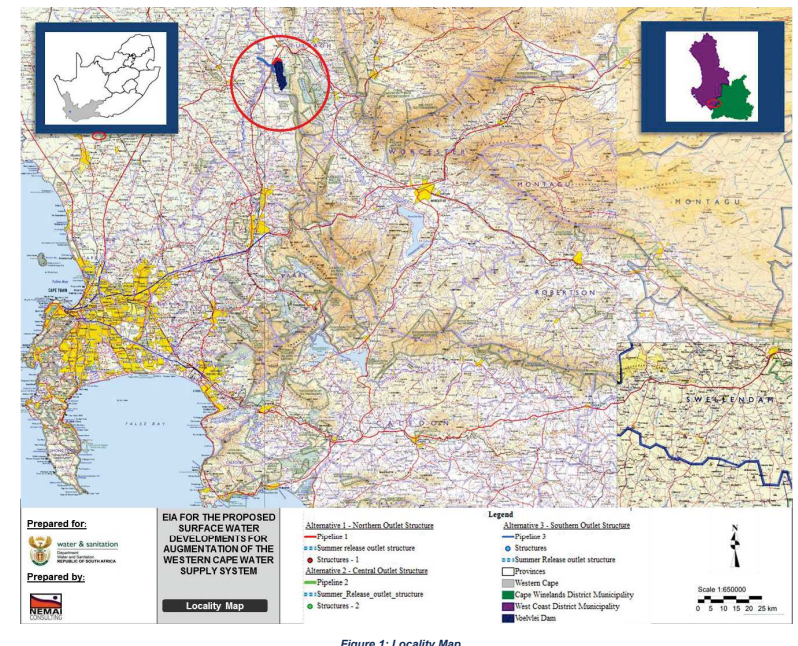


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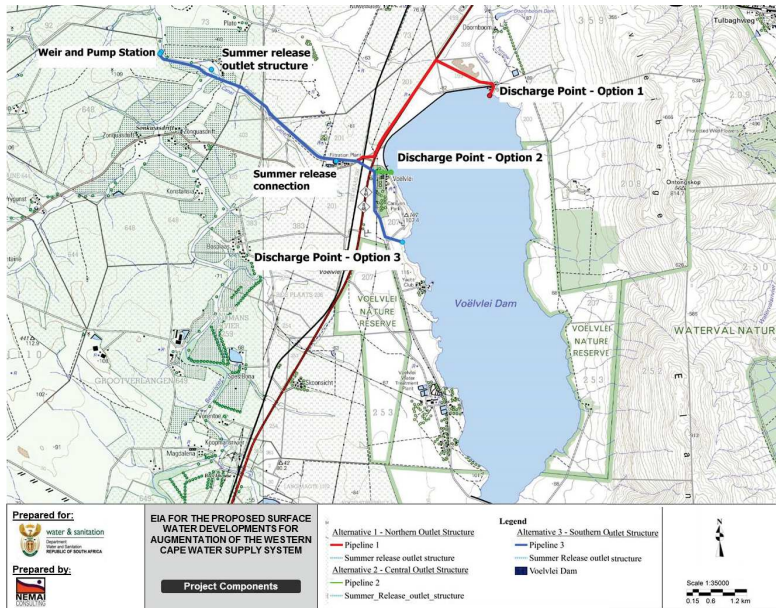


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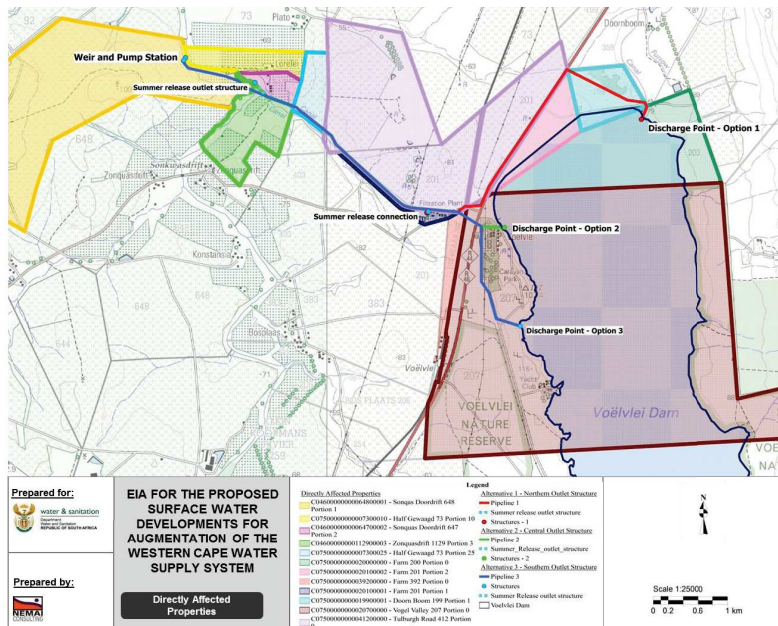


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Yours Sincerely,



Nemai Consulting
 Vanessa Stippel
 Environmental Assessment Practitioner



P.O. BOX 1673
 SUNNINGHILL
 2157

147 Bram Fischer Drive
 Ferndale
 2194

Phone: (011) 781 1730
 Fax: (011) 781 1731
 Email: vanessas@nemai.co.za

EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	
	Portions Owned:	

REGISTERED OWNER(S):	
-----------------------------	--

POSTAL ADDRESS:	
------------------------	--

TEL NO:	
----------------	--

FAX NO:	
----------------	--

MOBILE NO:	
-------------------	--

EMAIL ADDRESS:	
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ACKNOWLEDGEMENT:

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Signature: (Landowner / Delegated Representative)	Date
---	-------------

Comments:

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EIA for the Proposed Surface Water Developments for Augmentation of the WCWSS

ACKNOWLEDGEMENT OF RECEIPT

FARM / PROPERTY DETAILS:	Farm Name:	Haltgevraagd 73 Sanguis doordrif
	Portions Owned:	
REGISTERED OWNER(S):	Wolgevanden Trust.	
POSTAL ADDRESS:	Postbus 36 / Riebeck-kasteel. 7307	
TEL NO:	022 4461 328	
FAX NO:	"	
MOBILE NO:	062 57 33619	
EMAIL ADDRESS:	wolgevanden@mwcbs.co.za	

ACKNOWLEDGEMENT:

I hereby acknowledge receipt of the landowner notification regarding the Department of Water and Sanitation's intentions of developing Proposed Surface Water Developments for Augmentation of the WCWSS.

Signature: _____
(Landowner / Delegated Representative)

Date

24/05/16

Comments:

1. water in ufael. geen wat hê op hoogte water
2. Rou water wat baie nêl in Rivier gelaat word van Scotland Swekings werke.

PLEASE RETURN COMPLETED FORM TO NEMAI CONSULTING



ENVIRONMENTAL & SOCIAL CONSULTANTS

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2157

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OMGEWINGS IMPAKASSESSERING VAN DIE VOORGESTELDE OPPERVLAKTE WATER ON- TWIKKELING VIR AANVULLING VAN DIE WES-KAAPSE WATER TOEVOERSTELSEL

TERUGVOERINGSVORM

(Voltooi asseblief die registrasievorm en e-pos of faks dit dan na *Vanessa Stippel*)

Datum:	24 Mei 2016	OFFICIAL USE		
Organisasie se Naam: (indien toepaslik)		Datum ontvang:		
Naam en Van:	IZAK J. P. Badenhorst	Ons verwysing:		
Adres	Posadres:	Status		
	Fisiese Adres: <i>(dui asb. volle plaasnaam aan, indien toepaslik)</i>			
	Postbus 333 Gouda 6821	Pompotassie Huis 13 Vaalvlei Gouda		
Telefoon- nommer	062 789 2189 of 0713123434			
Selfoon- nommer	_____ " _____ " _____			
Faks- nommer	_____			
E- posadres	_____			
Registrasie as 'n Belanghebbende en Geaffekteerde Party:	<table border="1" style="margin: auto;"> <tr> <td style="padding: 5px; text-align: center;">Ya ✓</td> <td style="padding: 5px; text-align: center;">Nee</td> </tr> </table>	Ya ✓	Nee	
Ya ✓	Nee			
Kontakbesonderhede van enige ander moontlike B&GP'e waarvan u dalk bewus is:				
Algemene kommentaar: (LW bykomende bladsye mag ingesluit word indien die ruimte wat voorsien word, te min is)				
<p style="font-size: 1.2em;">Ek is 'n handmeter en stel belang om die opmeting en plot van die pypleiding te doen.</p>				



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Fax: (011) 781 1731
Email: vanessas@nemai.co.za

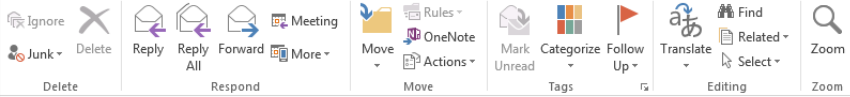
OMGEWINGS IMPAKASSESSERING VAN DIE VOORGESTELDE OPPERVLAKTE WATER ON-
TWIKKELING VIR AANVULLING VAN DIE WES-KAAPSE WATER TOEVOERSTELSEL

TERUGVOERINGSVORM

(Voltooi asseblief die registrasievorm en e-pos of faks dit dan na *Vanessa Stippel*)

Datum:	27/5/2016		OFFICIAL USE
Organisasie se Naam: (indien toepaslik)	Solkongezicht B&GP		Datum ontvang:
Naam en Van:	CJ VAN SANTEN		Ons verwysing:
Adres	Posadres:	Fisiese Adres: (dui asb. volle plaasnaam aan, indien toepaslik)	Status
	Posbus 44 HERMON 7308	FARM 441 ORAKERSTEIN Municipality DIVISION OF Tulbagh	
Telefoon- nommer	021-300 1112		
Selfoon- nommer	082 77 082 95		
Faks- nommer	086 603 5458		
E- posadres	nelius@vansanten.co.za		
Registrasie as 'n Belanghebbende en Geaffekteerde Party:	<input checked="" type="checkbox"/> Ja <input type="checkbox"/> Nee		
Kontakbesonderhede van enige ander moontlike B&GP'e waarvan u dalk bewus is:			
<p>Algemene kommentaar: (LW bykomende bladsye mag ingesluit word indien die ruimte wat voorsien word, te min is)</p> <p>SAL GAAN WIL WAT WAAR PYP LEIDINGS GEEN LOOP, AANGESER VOLGERS KAAST AANGREKES AAN MY EENDOM IS.</p>			

FILE MESSAGE MIMECAST



Tue 31/05/2016 02:23 PM
Nelius van Santen <nelius@vansanten.co.za>
RE: 10598- RE: REGISTRASIE AS GEAFFEKTEERDE PARTY

To: Vanessa Stippel

THANK YOU

-----Original Message-----

From: Vanessa Stippel [<mailto:VanessaS@nema1.co.za>]

Sent: Tuesday, May 31, 2016 8:33 AM

To: Almarie van Santen

Cc: nelius@vansanten.co.za

Subject: 10598- RE: REGISTRASIE AS GEAFFEKTEERDE PARTY

Dear Almarie and Nelius,

Thank you for the registration form.

I have added your details to the Interested and Affected Party (IAP) database and you will continue to be notified of the project as it unfolds.

In regards to your query, please see the attached map which shows your farm (Tulburgh Road Farm 441 - C0750000000044100000). The proposed pipeline does not go through your property.

However, we are still in the process of determining where the access roads would go and there is a chance that existing farm roads would be used and formalised. This may impact on your property. More information will be included in the Draft Scoping Report which will go out for public review.

We look forward to your continued input.

Kind Regards,

Vanessa Stippel
Environmental Consultant

147 Bram Fischer Drive
Ferndale
Tel: 011 781 1730
Fax: 011 781 1731
Mobile: 076 128 9126

-----Original Message-----

From: Almarie van Santen [<mailto:almarie@vansanten.co.za>]





ENVIRONMENTAL & SOCIAL CONSULTANTS

P.O. BOX 1673
SUNNINGHILL
2157

147 Braam Fischer Drive
Ferndale
2194

Phone: (011) 781 1730
Fax: (011) 781 1731
Email: vanessas@nema.co.za

OMGEWINGS IMPAKASSESSERING VAN DIE VOORGESTELDE OPPERVLAKTE WATER ON- TWIKKELING VIR AANVULLING VAN DIE WES-KAAPSE WATER TOEVOERSTELSEL

TERUGVOERINGSVORM

(Voltooi asseblief die registrasievorm en e-pos of faks dit dan na *Vanessa Stippel*)

Datum:	07-06-2016		OFFICIAL USE
Organisasie se Naam: (indien toepaslik)	Bo Herman Belangegroep		Datum ontvang:
Naam en Van:	A.J. Van Senter		Ons verwysing:
Adres	Posadres:	Fisiese Adres: (dui asb. volle plaasnaam aan, indien toepaslik)	Status
	Buoia Herman 7308	BOSPLAAS EM SPESBONA	
Telefoon- nommer	023 2320 333 / 325		
Selfoon- nommer	082 770 8294		
Faks- nommer	086 5723 517		
E- posadres	abnisan @ bosplaats. co. za		
Registrasie as 'n Belanghebbende en Geaffekteerde Party:	<input checked="" type="checkbox"/> Ja <input type="checkbox"/> Nee		
Kontakbesonderhede van enige ander moontlike B&GP'e waarvan u dalk bewus is: André Coetzer Bestuurder Bosplaas 083 7676100 Semeul Walters Bosplaas 082 3719298 Semeul Walters Voelvlei 079 7415685			
Algemene kommentaar: (LW bykomende bladsye mag ingesluit word indien die ruimte wat voorsien word, te min is) Deeglike owerlegging moet geskied word aan die tipe struktuur en kapasiteit van die projek en impak op vloei van rivier			

NS Naam lys van belangegroep sal volg.



ENVIRONMENTAL & SOCIAL CONSULTANTS

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2157

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Ferndale
2194

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Fax: (011) 781 1731
Email: vanessas@nema.co.za

OMGEWINGS IMPAKASSESSERING VAN DIE VOORGESTELDE OPPERVLAKTE WATER ON-TWIKKELING VIR AANVULLING VAN DIE WES-KAAPSE WATER TOEVOERSTELSEL

TERUGVOERINGSVORM

(Voltooi asseblief die registrasievorm en e-pos of faks dit dan na Vanessa Stippel)

Datum:		07-06-2016		OFFICIAL USE	
Organisasie se Naam: (indien toepaslik)		A. J. van Senter Berdy		Datum ontvang:	
Naam en Van:		Abri en Gettee van Senter		Ons verwysing:	
Adres	Posadres:	Fisiese Adres: (dii asb. volle plaasnaam aan, indien toepaslik)		Status	
	Busia Herman 7308	BOSPAAAS SPES BONA			
Telefoon- nommer	023 2320 325/333				
Seloon- nommer	082 7708294				
Faks- nommer	086 5723517				
E- posadres					
Registrasie as 'n Belanghebbende en Geaffekteerde Party:		<input checked="" type="checkbox"/> Ja <input type="checkbox"/> Nee			

Kontakbesonderhede van enige ander moontlike B&GP'e waarvan u dalk bewus is:
 C. J. van Senter 082 7708295
 NORMAN DE JAGER 082 8865633

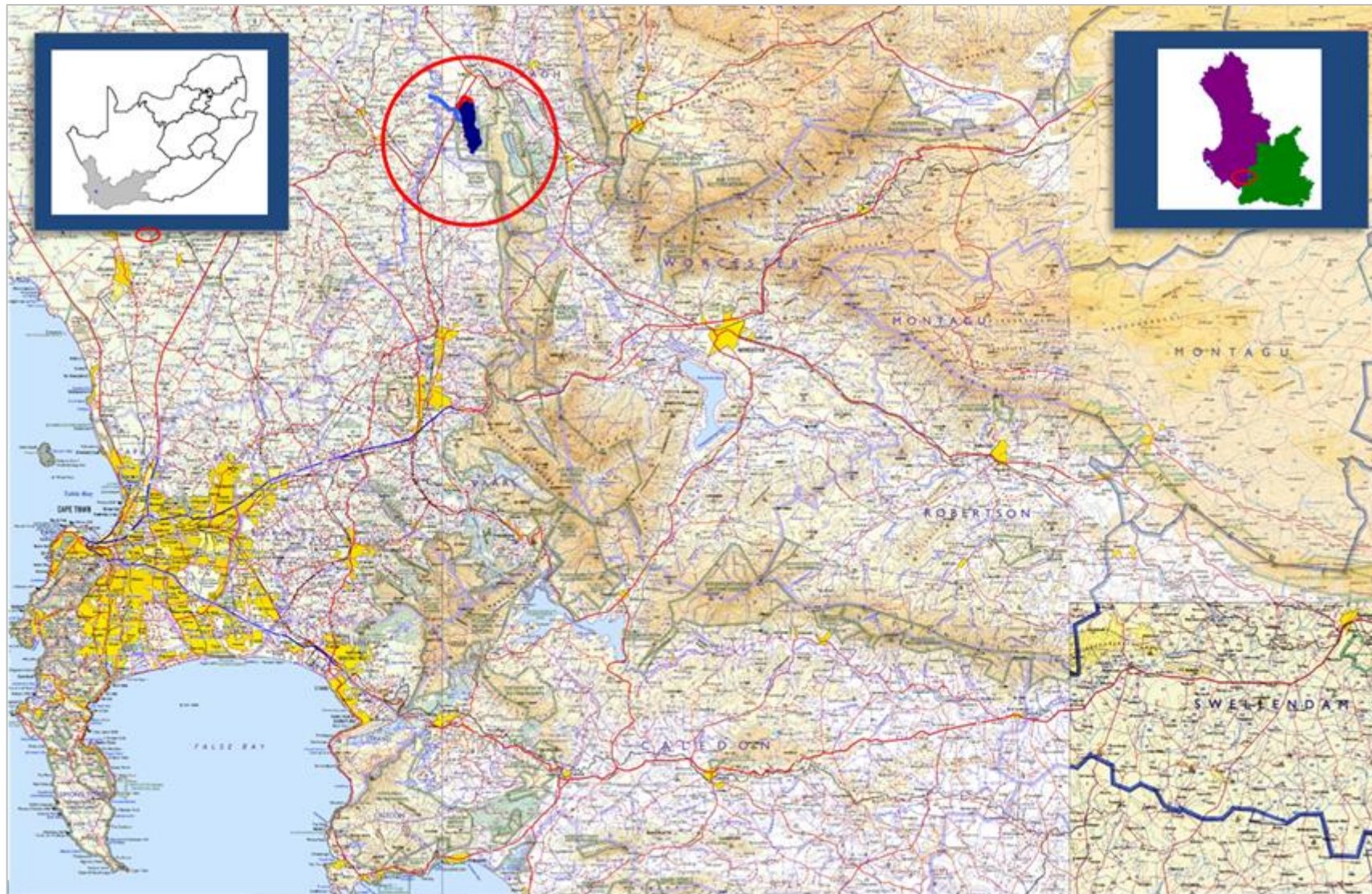
Algemene kommentaar: (LW bykomende bladsye mag ingesluit word indien die ruimte wat voorsien word, te min is)
 Ons moet kyk na beste praktiese skets per geregistreerde pos in skets van in alternatief in wat beperkte impak as aangeragel is

en in moontlike oplossing vir pabban wet on bedolde gevolge en vrede en op damming wat drastiese negatiewe gevolg is gevestigde landbou kan hê.

**APPENDIX 5 (IF APPLICABLE)
LIST OF SGIDS**

Farm Name	Portion	SG Code
Doorn Boom 199	1	C07500000000019900001
Farm 200	0	C07500000000020000000
Farm 201	2	C07500000000020100002
Farm 201	1	C07500000000020100001
Farm 392	0	C07500000000039200000
Farm 403	2	C07500000000040300002
Half Gewaagd 73	25	C07500000000007300025
Half Gewaagd 73	10	C07500000000007300010
Sonquas Doordrift 647	2	C04600000000064700002
Sonquas Doordrift 648	1	C04600000000064800001
Sonquas Doordrift 648	2	C04600000000064800002
Tulburgh Road 412	0	C07500000000041200000
Tulburgh Road 412	0	C07500000000041200000
Tulburgh Road 441	0	C07500000000044100000
Vogel Valley 207	0	C07500000000020700000
Zonquasdrif 1129	3	C04600000000112900003
Zonquasdrif 1129	0	C04600000000112900000
Zonquasdrif 1129	5	C04600000000112900005
Zonquasdrif 1129	6	C04600000000112900006

**APPENDIX 6
PROJECT MAP**



Prepared for:



Prepared by:



**EIA FOR THE PROPOSED
SURFACE WATER
DEVELOPMENTS FOR
AUGMENTATION OF THE
WESTERN CAPE WATER
SUPPLY SYSTEM**

Locality Map

Alternative 1 - Northern Outlet Structure

- Pipeline 1
- Summer release outlet structure
- Structures - 1

Alternative 2 - Central Outlet Structure

- Pipeline 2
- Summer_Release_outlet_structure
- Structures - 2

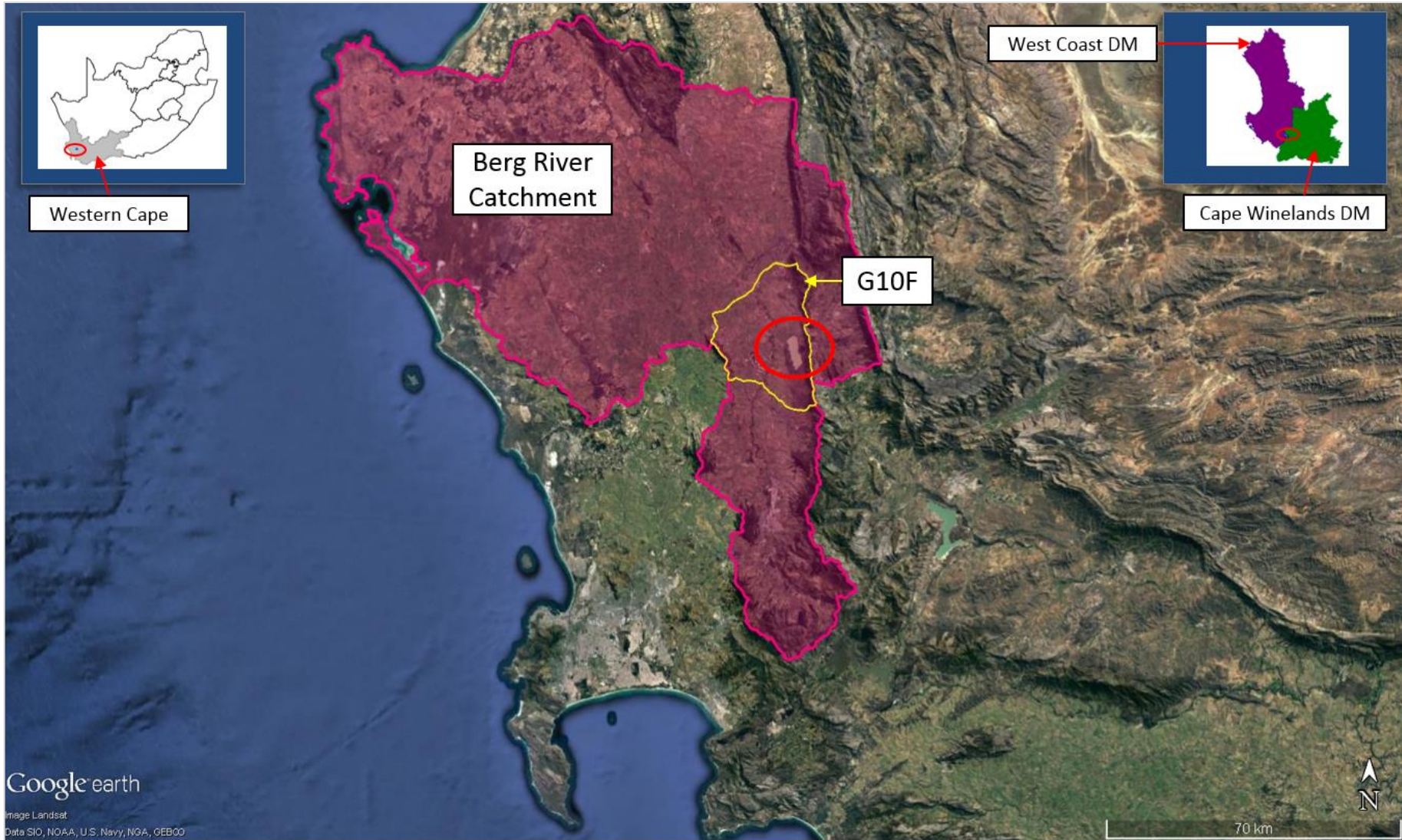
Legend

Alternative 3 - Southern Outlet Structure

- Pipeline 3
- Structures
- Summer Release outlet structure
- Provinces
- Western Cape
- Cape Winelands District Municipality
- West Coast District Municipality
- Voelvlei Dam



Scale 1:650000
0 5 10 15 20 25 km



Google earth

Image Landsat
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Prepared for:



**EIA FOR THE PROPOSED
SURFACE WATER
DEVELOPMENTS FOR
AUGMENTATION OF THE
WESTERN CAPE WATER
SUPPLY SYSTEM**

Berg River Catchments

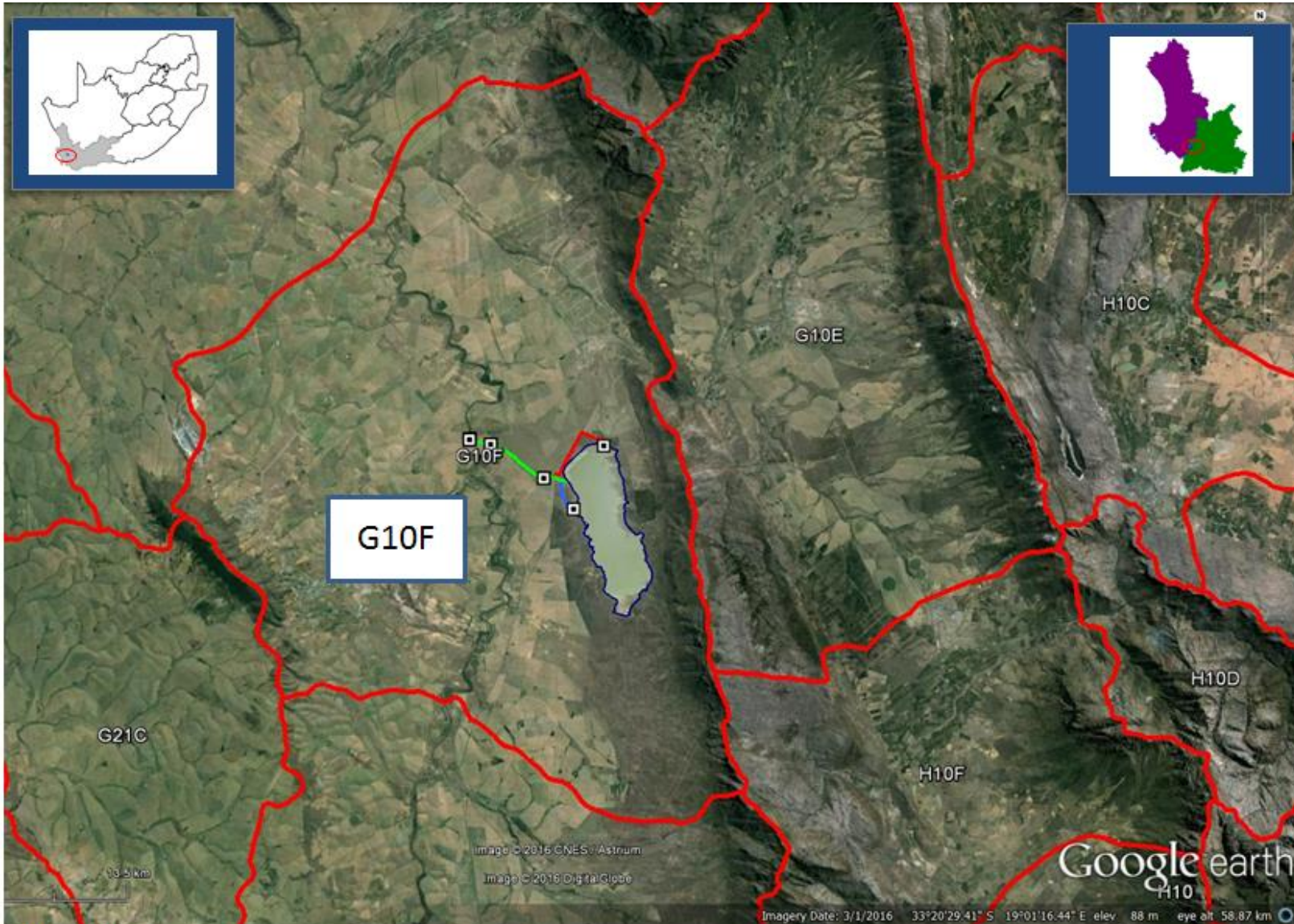
Legend




- Western Cape
- Cape Winelands District Municipality
- Berg River Catchment
- West Coast District Municipality
- Voelvlei Dam
- G10F Quaternary Catchment

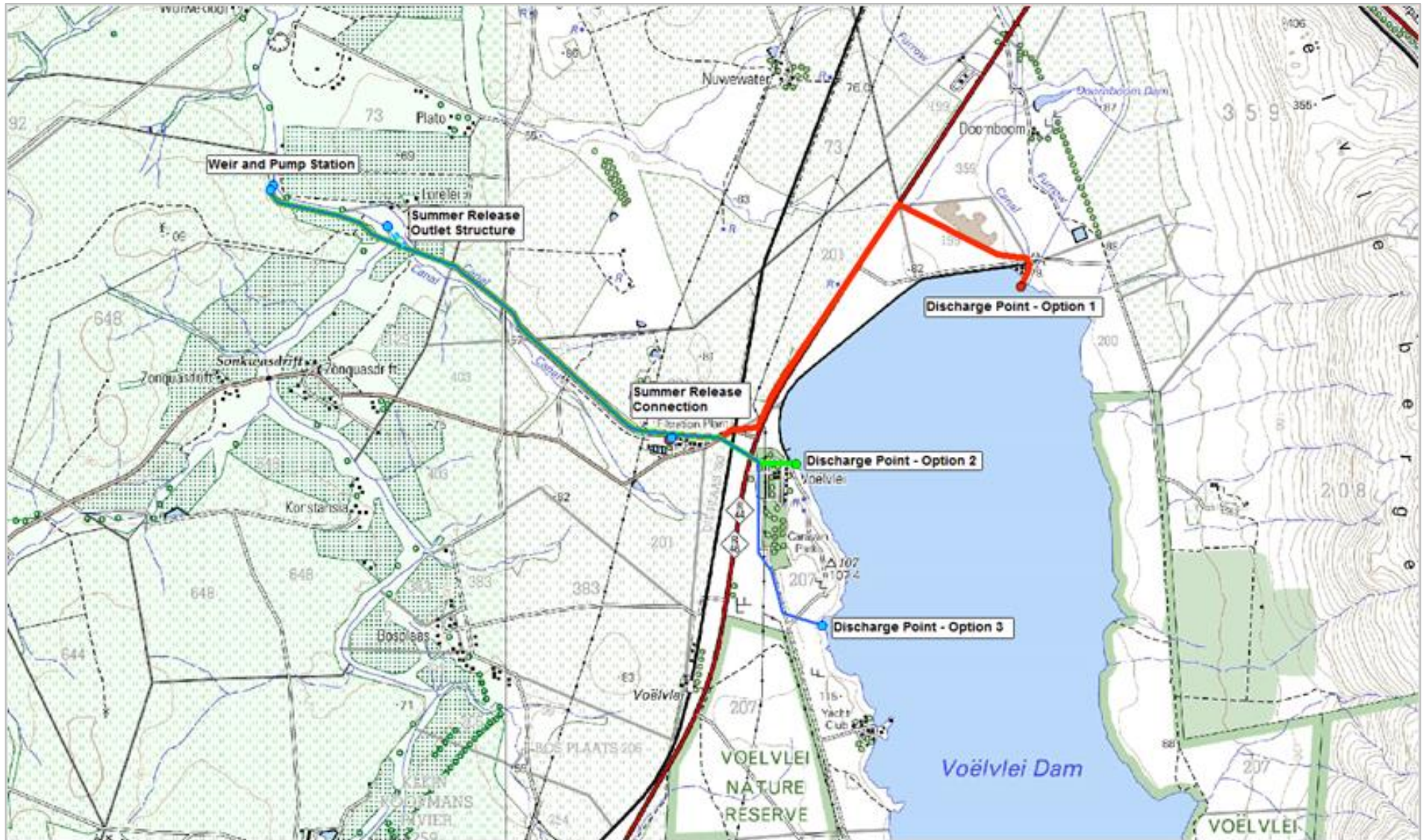


Prepared by:





<p>Prepared for:</p>  <p>water & sanitation Department Water and Sanitation REPUBLIC OF SOUTH AFRICA</p>	<p>EIA FOR THE PROPOSED SURFACE WATER DEVELOPMENTS FOR AUGMENTATION OF THE WESTERN CAPE WATER SUPPLY SYSTEM</p> <p>Quaternary Catchments</p>	<p>Alternative 1 - Northern Outlet Structure</p> <ul style="list-style-type: none"> — Pipeline 1 — Summer release outlet structure ● Structures - 1 <p>Alternative 2 - Central Outlet Structure</p> <ul style="list-style-type: none"> — Pipeline 2 — Summer_Release_outlet_structure ● Structures - 2 <p>— Quaternary Catchments</p>	<p>Legend</p> <p>Alternative 3 - Southern Outlet Structure</p> <ul style="list-style-type: none"> — Pipeline 3 ● Structures — Summer Release outlet structure <p>□ Provinces</p> <ul style="list-style-type: none"> Western Cape Cape Winelands District Municipality West Coast District Municipality Voelvlei Dam 	
<p>Prepared by:</p>  <p>NEMA CONSULTING</p>				



Prepared for:



EIA FOR THE PROPOSED SURFACE WATER DEVELOPMENTS FOR AUGMENTATION OF THE WESTERN CAPE WATER SUPPLY SYSTEM

Prepared by:



Project Components

Legend

Alternative 1 - Northern Outlet Structure

— Pipeline 1

••• Summer release outlet structure

• Structures - 1

Alternative 2 - Central Outlet Structure

— Pipeline 2

••• Summer Release outlet structure

• Structures - 2

Alternative 3 - Southern Outlet Structure

— Pipeline 3

• Structures

••• Summer Release outlet structure



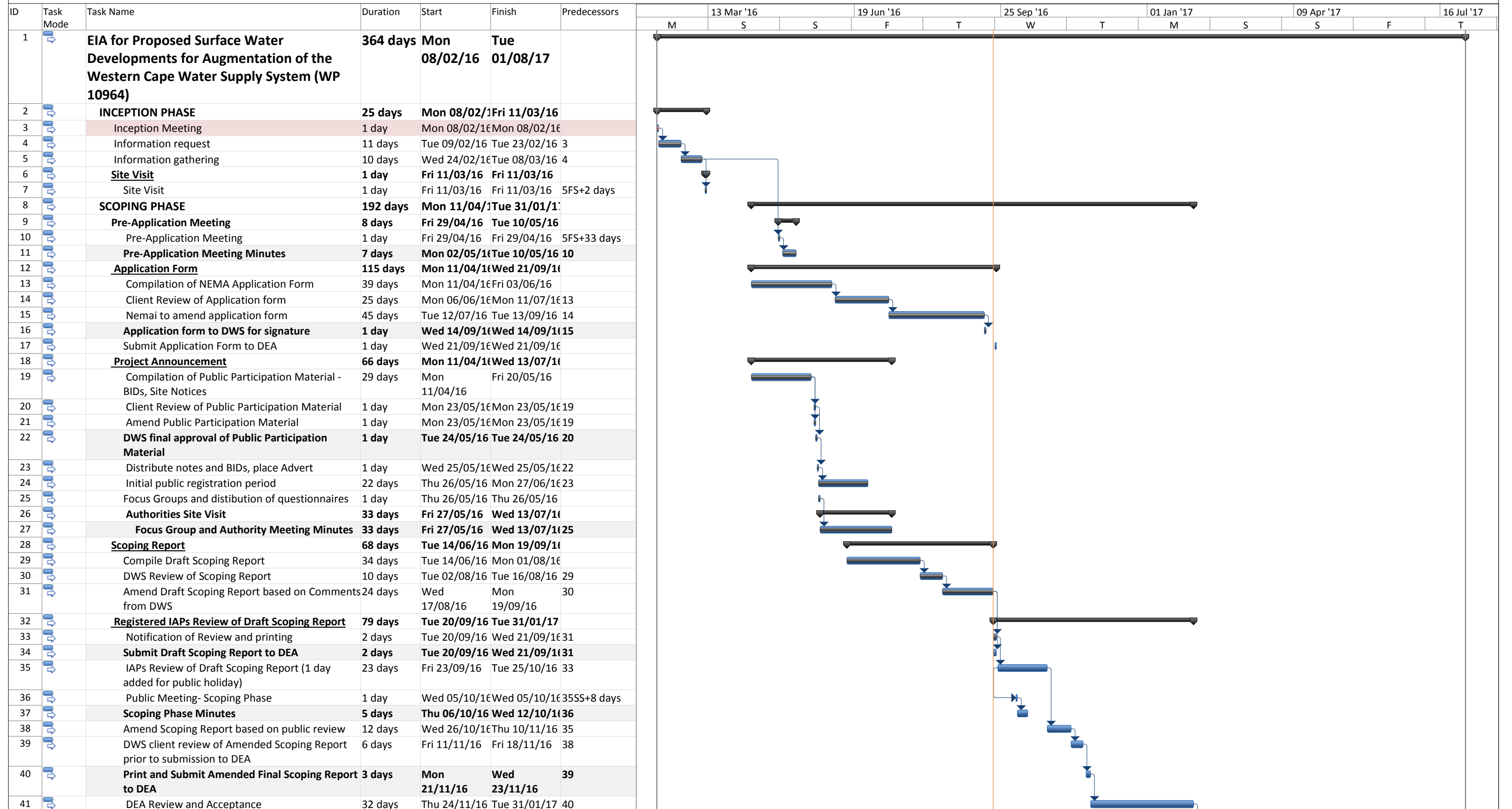
Scale 1:30000



0 0.6 1.2 km

**APPENDIX 7
PROJECT SCHEDULE**

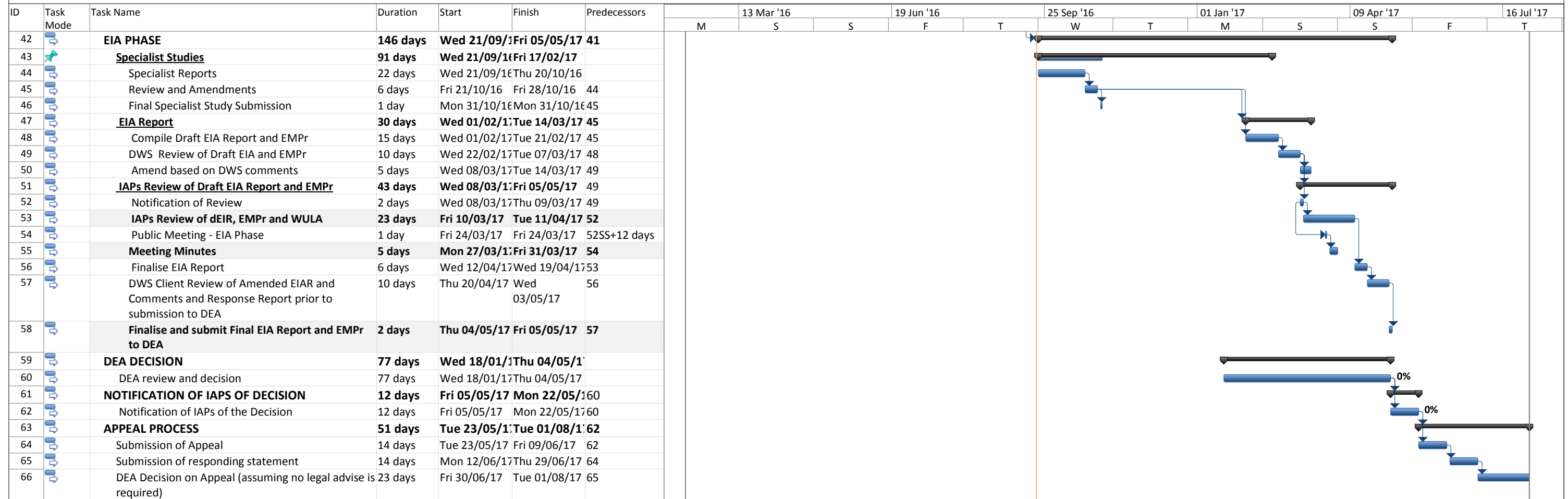
EIA for Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)



Project: 10598-20160707-Baseline Date: Tue 20/09/16

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only		
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline		
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress		

EIA for Proposed Surface Water Developments for Augmentation of the Western Cape Water Supply System (WP 10964)




Project: 10598-20160707-Baseline Date: Tue 20/09/16	Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only	
	Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline	
	Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress	

**APPENDIX 8
DECLARATION OF THE APPLICANT**

I, MENARD MUGIMO, declare that –

- I am, or represent¹, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I will provide the EAP and the competent authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
 - 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;
- I 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;
- I am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- I hereby indemnify the Government of the Republic of South Africa, 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 EAP is responsible for in terms of these Regulations;
- I 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;
- I will perform all 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 am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.
- I am aware that in terms of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



Signature³ of the applicant/ Signature on behalf of the applicant

DEPARTMENT OF WATER AND SANITATION

Name of company (if applicable)

14 SEPTEMBER 2016

Date:

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

² 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.

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

**APPENDIX 9
DECLARATION OF THE EAP**

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 48 of the Regulations 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 Regulations;

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



Signature of the environmental assessment practitioner:

Norri Consulting

Name of company:

19 September 2018

Date: