

HWC 002/02/ED (4 Jul 14)



NOTIFICATION OF INTENT TO DEVELOP

Completion of this form is required by Heritage Western Cape for the initiation of all impact assessment processes under Section 38(1) & (8) of the National Heritage Resources Act (NHRA).

Whilst it is not a requirement, it may expedite processes and in particular avoid calls for additional information if certain of the information required in this form is provided by a heritage specialist/s with the necessary qualifications, skills and experience.

A. APPLICABILITY OF THE NATIONAL ENVIRONM	MENTAL MANAGEMENT ACT (NEMA)		
HWC Case Number: 17083108	DEADP Reference Number: 16/6/A7/4/3128/17 - Section 30A Directive in terms of the National Environmental Management Act (NEMA)		
A DEADP (W Cape Dept. Environment Affairs & Development Planning) reference number must be included in all NHRA Section 38(8) processes where DEADP is the decision making authority under NEMA. The effect of the requirement is that the NEMA process must be initiated with DEADP prior to the NHRA process with HWC.			
If a DEADP reference number is not entered	above please check one of the following boxes:		
This application is made in terms of Se under NEMA has been made to the fol	ection 38(8) of the NHRA and an application llowing authority:		
This development will not require a NE	EMA application.		
NOTE: Making an incorrect statement or providing incorrect of the application having to be reconsidered.	orrect information in this part of the form may result in all or ed by HWC in the future, or submission of a new application.		
B. BASIC DETAILS			

PROPERTY DETAILS:

Name of property: Strandfontein Pavilion	
Street address or location (eg: off R44): Strandf Strandfontein Cape Town	ontein Road, south of Baden Powell Drive
Erf or farm number/s: re-1212, 1215 Strandfontein Cape Town	Coordinates: 34 degrees 05.209'S 18 degrees 33.729' E (A logical centre point. Format based on WGS84.)
Town or District: Cape Town	Responsible Municipality: City of Cape Town
Extent of property: Over 5000 square meters	Current use: Recreational facility providing picnic areas, swimming tidal pool (under 60 years), service facilities, Pelican Heights residential suburb is located approximately 850m north of the Strandfontein Pavilion building.
Predominant land use/s of surrounding properti road infrastructure	es: Indigenous vegetation surrounding the facility,

REGISTERED OWNER OF PROPERTY

REGISTERED OWNER OF PROPERTY:				
Name City of Cape Town (Mr	r. Peter Flower)			
Address Civic Centre - Tower	r Block, 9th Floor, 12 He	rtzog Boulevard, Cape Town		
Telephone 021 400 4859 Cell N/A E-mail Peter.Flower@capetown.				
material'), all applicant parties thereof will be put to the follow record; presentations to comm websites; distribution to comm terms of powers, functions, du terms of the National Heritage	s acknowledge that they a wing uses and consent to nittees, etc; inclusion in d nittee members and othe Ities and responsibilities a Resources Act. Should re	ed in support of this notification (ie: 'the are aware that the material and/or parts o such use being made: filing as a public latabases; inclusion on and downloading from er stakeholders and any other use required in allocated to Heritage Western Cape under the estrictions on such use apply or if it is not a digital version of the material, the material		
I confirm that I enclose with thi ROM containing digital versions	is form four hardcopies o s of all of the same.	of all material submitted together with a CD		

Signature of owner or authorised agent (Agents must attach copy of power of attorney to this form.)

Date /7 //0 /20/7

DEVELOPMENT DETAILS:				
Ple oth	Please indicate below which of the following Sections of the National Heritage Resources Act, or other legislation has triggered the need for notification of intent to develop.			
	S38(1)(a) Construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier over 300m in length.		y development or activity that will character of a site -	
	S38(1)(b) Construction of a bridge or similar structure exceeding 50m in length.		xceeding 5 000m ² in extent;	
	S38(1)(d) Rezoning of a site exceeding 10 000m ² in extent.		nvolving three or more existing n or subdivisions thereof;	
\boxtimes	Other triggers, eg: in terms of other legislation, (ie: National Environment Management Act, etc.) Please set out	divis	involving three or more erven or ions thereof which have been olidated within the past five years.	
	Activity Numbers that are triggered by the proposal are listed below (refer Annexure 2:	If you have checked any of the three boxes above, describe how the proposed development will change the character of the site: The existing site will be altered by the construction of a desalination plant, a proposed temporary structure for approximately two years on the site of the Strandfontein Pavilion. The proposal to construct temporary desalination		
	DEA&DP letter dated 30 May 2017 for full details of each triggered activity).			
	DEA&DP have issued a Section 30A letter to the CCT as a result of the CCT request for the competant authority (DEA&DP) to issue			
	• ` `	ne proposui	to construct temporary desamnation	

the Directive in terms of NEMA Section 30A(2) to address the current emergency situation related to the water supply crisis being experienced in the CCT.

Section 30A (1) allows for verbal and written directives to be issued by a competent authority to the person responsible to undertake listed or specified activities without obtaining the prerequisite environmental authorisation in order to prevent or contain an emergency situation or to prevent, contain or mitigate the effects of an emergency situation.

On 1 March 2017 the Mayor of the CCT declared the CCT a local distaster area under Section 55 of the Disaster Management Act, 2002 (Act No. 57 of 2001). On 24 May 2015, the Premier of the Western Cape declared the Western Cape a Provincial State of Disaster under section 41 (1) of the Disaster management Act, 2002 (Act No. 57 of 2002).

The Directive in terms of Section 30A issued by the DEA&DP allows CCT to carry out listed activities in terms of NEMA Environmental Impact Assessment ('EIA') regulations, 2017 (as amended) related to the implementation of interventions to address the current water supply shortage emergency situation in the CCT.

The Section 30A Directive shall remain in effect from date of issue (30 May 2017) for the duration that the CCT is declared a distaster area as defined under Section 1 of the Distaster Management Act, 2002 (Act No. 57 of 2002) and until such time that the CCT can demonstrate the ability to provide adequate water supply to all the areas which fall within its jurisdiction.

The listed activities in terms of NEMA EIA regulations, 2017 (as amended) relevant to the potential measures or interventions that may be implemented are listed below:

Listing Notice 1 of GN No. R327 (GN No. R983, as amended on 7 April 2017):

Activity Number: 2, Activity Number: 9, Activity Number: 10, Activity Number: 12, Activity Number: 13, Activity Number: 14,

facilities is as a result of the current drought in Cape Town and the Western Cape Province, due to the low rainfall received during 2016 and 2017.

The site, which is predominately vegetated with grass will be altered by the construction of the desalination plant. This plant is a proposed temporary structure for approximately two years. The site will therefore be temporarily transformed with infrastructure in the form of the plant infrastructure and above ground pipelines. The intake pipelines will be positioned to the northern boundary of the tidal pool and not affect the functioning of the tidal pool. An alternative intake pipeline position is indicated from the Tidal pool (refer Annexure 7). If this option is affected, the tidal pool area will be reduced.

Activity Number: 15, Activity Number: 16, Activity Number: 17, Activity Number: 19, Activity Number: 19A, Activity Number: 24, Activity Number: 25, Activity Number: 27, Activity Number: 28, Activity Number: 31, Activity Number: 34, Activity Number: 37, Activity Number: 45, Activity Number: 46, Activity Number: 47, Activity Number: 48, Activity Number: 50, Activity Number: 51, Activity Number: 52, Activity Number: 53, Activity Number: 54, Activity Number: 55, Activity Number: 56, Activity Number: 57, Activity Number: 63, Activity Number: 65, Activity Number: 66, Activity Number: 67.

Listing Notice 2 of GN No. R325 (GN No. R984, as amended on 7 April 2017):

Activity Number: 2, Activity Number: 6, Activity Number: 9, Activity Number: 11, Activity Number: 14, Activity Number: 15, Activity Number: 16, Activity Number: 24, Activity Number: 25, Activity Number: 26.

Listing Notice 3 of GN No. R324 (GN No. R984, as amended on 7 April 2017):

Activity Number 2, Activity Number 3, Activity Number 4, Activity Number 10, Activity Number 12, Activity Number 14, Activity Number 15, Activity Number 16, Activity Number 18, Activity Number 22, Activity Number 23, Activity Number 26.

If an impact assessment process has also been / will be initiated in terms of other legislation please provide the following information:

Authority / government department (ie: consenting authority) to which information has been /will be submitted for final decision:

An impact assessment is not required by Western Cape Provincial Government (WCPG) Department of Environmental Affairs and Development Planning (DEA&DP) letter dated 30.05.2017 (refer Annexure 2).

DEA&DP require the monthly submission from CCT on the status of the water supply emergency situation within CCT and the progress being made on the implementation of emergency measures or interventions to address the water supply emergency situation to the following State entities: DEA&DP, Department of Water and Sanitation, HWC, Department of Environmental Affairs: Oceans and Coasts.

DEA&DP pre-implementation requirements are (to also be submitted to Department of Water and Sanitation, HWC, Department of Environmental Affairs: Oceans and Coasts).

- Final supply Emergency Intervention Plan;
- Generic Environmental Management Programme;
- Method Statements for each of the measures or interventions to be implemented, as part of the Water Supply Emergency Plan.

DEA&DP requirements from CCT during implementation (to also be submitted to Department of Water and Sanitation, HWC, Department of Environmental Affairs: Oceans and Coasts):

- Audit reports

Post- implementation requirement:

- Final audit report

(Refer Annexure 2 for detail on all DEA&DP submission requirements).

Present phase at which the process with that authority stands: Pre submission phase

Provide a <u>full</u> description of the nature and extent of the proposed development or activity including its potential impacts (eg: changes in land use, envisaged timeframes, provision of additional bulk services, excavations, landscaping, total floor area, height of development, etc. etc.):

Refer to Annexure 7 for Site Layout and drawings of desalination plant and the relevant studies that informed the application.

The Strandfontein facility is assessed for social significance Grade III as it is a public recreational facility.

In the site context, the indigenous vegetation is recommended for Grade IIIA, due to the rare and high significance of vegetation.

There are no assessed potential negative impacts to the site and context, due to the following assessment:

- The implementation of the Environmental Management Plan (EMP) requirements will prevent/mitigate potential negative impacts during the construction and operational phases.
- The reduction of the tidal pool area for the public is assessed as not a impact, as approximately 60% of the pool area will be unaffected and will always remain in use during the plant's construction and operational phases.
- Monitoring of earthworks by an Archaeologist and Palaeontologist. If any resources are uncovered, immediate work to be stopped on the affected portion of the site and immediate notification by the Archaeologist / Palaeontologist to HWC is to occur. The affected portion of the site to be determined by the Archaeologist / Palaeontologist is to be demarcated as a no-go area until the process (regarding the material find) is completed with HWC.
- Awareness training for potential shipwreck materials by Environmental Practitioner, and the resultant notification process to SAHRA if shipwreck material is uncovered.

C. HERITAGE RESOURCES AND IMPACTS THEREUPON

Section 3 of the National Heritage Resources Act sets out the following categories of heritage resource as forming part of the national estate. Please indicate the known presence of any of these by checking the box alongside and then providing a description of each occurrence, including nature, location, size, type Failure to provide sufficient detail or to anticipate the likely presence of heritage resources on the site may lead to a request for more detailed specialist information. (The assistance of relevant heritage professionals is particularly relevant in completing this section.) Provide a short history of the site and its environs (Include sources where available): The site is situated on the coastline of False Bay, separated from Michells Plain by Baden Powell Drive and a corridor of indigenous vegetation. The facility was developed in 1980 - 1982 by the City of Cape Town as a recreational facility for people of colour, specifically the residents of Mitchells Plain and the Cape Flats. The site was developed between 1981 and 1995, as confirmed by the series of topographical maps and information on the site building (refer Annexure 5 (maps) and Annexure 8 (sources). Architect Vaugh Burn designed the building in a post modernistic style and effectively dealt with the harsh climatic elements, such as the south easterly winds and the dangerous coast for swimming. The tidal pool is reportedly the largest in the southern hemisphere. Please indicate which heritage resources exist on the site and in its environs, describe them and indicate the nature of any impact upon them: Places, buildings, structures and equipment of cultural significance Description of resource: Strandfontein Pavilion and Shipwrecks Description of impact on heritage resource: Strandfontein Pavilion: No impact, the desalination plant is located to the rear of the building adjacent to the vehicular parking area. The location of the pump station site is at the end of the buildings 'promenade wall'. Shipwrecks: \boxtimes - Drietal Handelaars wrecked in 1789 on Swartklip Rocks which is where the Monwabisi tidal pool is located. - Johanna Wagner wrecked in 1862 at Zandfontein (Strandfontein) located approximately 2-3km west of the Strandfontein tidal pool. - Protee wrecked 1839 at Strandfontein, no further information is given. While there are no definite shipwreck sites at either of the tidal pools there is a possibility, however small, that shipwreck material may remain. Surveys in the proposed affected area will occur before laying pipes on the seabed to prevent damage to potential shipwreck material. If any shipwreck material is uncovered, the affected offshore site will be demarcated as a no-go area and the Environmental Practitioner will notify SAHRA: MUCH immediately.

Places to which oral traditions are attached or which are associated with living

heritage

Description of resource:

Description of impact on heritage resource:

	Historical settlements and townscapes					
П	Description of resource:					
	Description of impact on heritage resource:					
	Landscapes and natural features of cultural significance					
	- 15					
	Description of resource: Indigenous vegetation on and in context to the site.					
	Description of impact on heritage resource:					
\boxtimes	The desalination plant is proposed to be situated on disturbed land and a vegetated dune edge and the pipeline is proposed to be buried under the existing informal pathway (for security reasons).					
	Unless the EMP measures are implemented during the construction and operational phases, potential negative impacts and loss to the indigenous vegetation could occur.					
	It is recommended that the conditions of the EMP is implemented to prevent any unnecessary impacts on the indigenous vegetation during construction, operational and decommission phases.					
	Geological resources of scientific or cultural importance					
Ш	Description of resource:					
	Description of impact on heritage resource:					
	Archaeological resources (Including archaeological sites and material, rock art, battlefields & wrecks):					
	Description of resource: Potential archaeological resources					
	Description of impact on heritage resource: Potential damage and loss of archaeological resources.					
	Archaeologist Lita Webly for ACO assessed the Strandfontein Tidal Pool for potential impacts on archaeological resources for a proposed film set. Information contained in the report stated: In the late 1960's archaeologists (Rudner 1968 and H. Deacon pers. comm. 1993), recorded the presence of isolated and ephemeral scatters of stone artefacts and shell middens (ancient rubbish dumps) on the beaches at Strandfontein, Swartklip and Macassar. However, due to recreational and infrastructure development such as road construction these sites most likely no longer exist. According to Mr Ken Young (Jonathan Kaplan pers. comm. 2002), a retired building contractor living in Riebeek West, several 'Bushmen' burials were uncovered during excavations and bulk earthworks for the Strandfontein Pavilion, but these were illegally re-buried in soft sands in the surrounding area.					
	Archaeologist Jonathan Kaplan has assessed the Mnandi site and immediate context (refer HIA Proposed Kapteinsklip & Mnandi Coastal Node 2015).					
	It is recommended that an Archaeologist conduct site inspections at all stages of earth excavations. If any resources are uncovered, immediate work to be stopped on the affected portion of the site and immediate notification by the Archaeologist to HWC is to occur. The affected portion of the site to be determined by the Archaeologist is to be demarcated as a no-go area until the process (regarding the material find) is completed with HWC.It is further recommended that an excavation permit be obtained from Heritage Western Cape.					
	The desalination plant is proposed to be situated on disturbed land and a vegetated dune edge and the pipeline is proposed to be buried under the existing informal pathway (for security reasons).					

	Unless the EMP controls the construction and operational phases, potential negative impacts and loss to the indigenous vegetation could occur.
	It is recommended that the EMP is used to prevent any unnecessary impacts on the indigenous vegetation during construction, operational and decommission phases.
	Palaeontological resources (ie: fossils):
	Description of resource: Potential Palaeontological resources
	Description of impact on heritage resource: Potential damage and loss of Paleotological resources.
	Archaeologist Lita Webly for ACO assessed the Strandfontein Tidal Pool for potential impacts to archaeological resources for a proposed film set (refer ACO: Heritage Assessment: Proposed Construction of a Film Set and Associated Infrastructure On Erf 1212/3 (Strandfontein Tidal Pool And Surrounds), District Mitchell's Plain, Western Cape, June 2009). The background information for the site stated: Previous palaeontological research at Swartklip, further to the east along the False Bay coast, has revealed fossil dunes of the Pleistocene Langebaan Formation containing late Pleistocene fossil hyena remains. Fossil (or palaeontological) remains have been found on the Anglo Alpha limestone mine near Zandvliet (Halkett & Hart 1997), north east of the Strandfontein pavilion site, while the significant fossil-bearing deposits on the False Bay coastline have also been widely reported (Pether 2005). Just east of the tidal pool near the end of Surf Road, beach erosion exposes Pleistocene organic-rick "Vlei" deposits with Tomichia brack/freshwater gastropods in clayey soils, with Equus capensis, Raphicerus, Hippotragus and plant macrofossils (G. Avery pers comm.). To the west of the tidal pool are blocks of "lignitic" or peaty material wash up, including the mandible of Reunca sp. Dr G Avery (Iziko Museums) reported on Middle Stone Age (MSA) tools buried in calcrete surfaces at the Olympic Sand Mine in 2003, while earlier studies describe MSA tools embedded in the weathered limestone cliffs at Swartklip and Wolfgat on the False Bay coastline. Palaeontologist John Pether assessed the Mnandi pavilion site and immediate site context (refer HIA Proposed Kapteinsklip & Mnandi Coastal Node, 2015).
	If any resources are uncovered, immediate work to be stopped on the affected portion of the site and immediate notification by the Palaeontologist to HWC is to occur. The affected portion of the site to be determined by the Palaeontologist is to be demarcated as a no-go area until the process (regarding the material find) is completed with HWC. It is also recommended that an excavation permit be obtained from Heritage Western Cape.
	Graves and burial grounds (eg. apportral graves graves 4 :
П	Graves and burial grounds (eg: ancestral graves, graves of victims of conflict, historical graves & cemeteries): Description of Resource:
	Description of Impact on Heritage Resource: Other human remains:
\neg	
	Description of resource:
	Description of impact on heritage resource:
٦	Sites of significance relating to the history of slavery in South Africa:
	Description of resource:
	Description of impact on heritage resource:

Other heritage resources:
Description of resource:
Description of impact on heritage resource:

Describe elements in the environs of the site that could be deemed to be heritage resources: INDIGENOUS VEGETATION:

The indigenous vegetation surrounding the site is Graded IIIA due to the high natural vegetation significance.

ARCHAEOLOGICAL RESOURCES:

Archaeologist Lita Webly for ACO assessed the Stramdfontein Tidal Pool for potential impacts to archaeological resources for a proposed film set. Information contained in the report stated:

In the late 1960's archaeologists (Rudner 1968 and H. Deacon pers. comm. 1993), recorded the presence of isolated and ephemeral scatters of stone artefacts and shell middens (ancient rubbish dumps) on the beaches at Strandfontein, Swartklip and Macassar. However, due to recreational and infrastructure development such as road construction these sites most likely no longer exist. According to Mr Ken Young (Jonathan Kaplan pers. comm. 2002), a retired building contractor living in Riebeek West, several 'Bushmen' burials were uncovered during excavations and bulk earthworks for the Strandfontein Pavilion, but these were illegally re-buried in soft sands in the surrounding area.

Archaeologist Jonathan Kaplan has assessed the Mnandi site and immediate context (refer HIA Proposed Kapteinsklip & Mnandi Coastal Node 2015). In this report Kaplan stated: The archaeological resources may consist of:

- Hidden/buried shell midden deposits that may be exposed during vegetation clearing operations south of Baden Powel Drive.
- Unmarked pre-colonial human remains may be uncovered or exposed during earthworks and excavations.
- -Middle Stone Age Pleistocene archaeological remains (i.e. stone tools), vertebrate fossils (i.e. bone) and fossil shell may possibly be found embedded in limestone deposits underlying the Aeolian dune sands of the Witzand Formation, during deeper excavations for foundations and services south of Baden Powel Drive.

PALAEONTOLOGICAL RESOURCES:

The palaeontological heritage resources in the study area are situated in the subsurface where their nature, size and locations cannot be determined beforehand (Pether 2015).

Fossil (or palaeontological) remains have been found on the Anglo Alpha limestone mine near Zandvliet (Halkett & Hart 1997), north east of the Strandfontein pavilion site, while the significant fossil-bearing deposits on the False Bay coastline have also been widely reported (Pether 2005). Just east of the tidal pool near the end of Surf Road, beach erosion exposes Pleistocene organic-rick "Vlei" deposits with Tomichia brack/freshwater gastropods in clayey soils, with Equus capensis, Raphicerus, Hippotragus and plant macrofossils (G. Avery pers comm.). To the west of the tidal pool blocks of "lignitic" or peaty material wash up, including the mandible of Reunca sp. Dr G Avery (Iziko Museums) reported on Middle Stone Age (MSA) tools buried in calcrete surfaces at the Olympic Sand Mine in 2003, while earlier studies describe MSA tools embedded in the weathered limestone cliffs at Swartklip and Wolfgat on the False Bay coastline (ACO 2009).

SHIPWRECKS

Known shipwrecks in the context of the project site are the following:

- 1. Johanna Wagner wrecked 1862 at Zandfontein /Strandfontein (reported at a location approximately
- 2-3km west of the Strandfontein tidal pool) and
- 2. Protee wrecked 1839 at Strandfontein.

While there are no definite shipwreck sites at the Strandfontein tidal pool there is a possibility, however small, that shipwreck material may remain. Surveys in the proposed affected area will occur before laying pipes on the seabed to prevent damage to potential shipwreck material. If any shipwreck material is uncovered, immediate notification to SAHRA: MUCH will occur by Environmental Practitioner and the affected site designated as a no-go area until inspection and verification by the Archaeologist / Palaeontologist.

Description of impacts on heritage resources in the environs of the site:

No impact of the surrounding indigenous vegetation, as the EMP will prevent any constructional and operational phases impacts. The Archaeologist and Palaeontologist will be on site during site excavations to inform the project personnel of potential archaeological and palaeontological resources. The tidal pool will be reduced by approximately 33% (1/3) and this is assessed as a minimal social impact for a temporary period.

Summary of anticipated impacts on heritage resources:

No assessed potential impacts of the surrounding indigenous vegetation, as the proposed plant will be situated on the disturbed and altered land and the EMP will prevent construction and operational activities.

The Archaeologist and Palaeontologist will be on site during site excavations to inform the project personnel of potential archaeological and palaeontological resources. The tidal pool will be reduced by approximately 40% and this is assessed as a minimal social impact during the temporary operational period.

ILLUSTRATIVE MATERIAL (This form will not be processed unless the following are included):

Attach to this form a minimum A4 sized locality plan showing the boundaries of the area affected by the proposed development, its environs, property boundaries and a scale. The plan must be of a scale and size that is appropriate to creating a clear understanding of the development.

Attach also other relevant graphic material such as maps, site plans, satellite photographs and photographs of the site and the heritage resources on it and in its environs. These are essential to the processing of this notification.

Please provide all graphic material on paper of appropriate size and on CD ROM in JPEG format. It is essential that graphic material be annotated via titles on the photographs, map names and numbers, names of files and/or provision of a numbered list describing what is visible in each image.

D. RECOMMENDATION					
In your opinion do you believe that a heritage impact assessment is required?					
Recommendation made by:					
Name Bridget O'Donoghue					
Capacity Heritage Practitioner (Accredited member of the Association of Professional Heritage Practitioners (APHP), membership number: 0042).					
PLEASE NOTE: No Heritage Impact Assessment should be submitted with this form or conducted until Heritage Western Cape has expressed its opinion on the need for such and the nature thereof.					

E. INFORMATION TO BE PROVIDED AND STUDIES TO BE CONDUCTED AS PART OF THE HERITAGE IMPACT ASSESSMENT (HIA)

If it is recommended that an HIA is required please complete this section of the form.

DE	TAILS OF HERITAGE PE	ACTITIONERS AND	SPECIALISTS	INTENDING TO CONDUCT THE HIA:	
	Name of individual:	Name of Pra		Area of specialisation:	
	Qualifications:				
1.	Experience:				
	Standing in heritage	resource manageme	ent:		
	E-mail Address:	Telephone:	Cell:		
	Name of individual:	Name of Pra	ictice:	Area of specialisation:	
	Qualifications:				
2.	Experience:				
	Standing in heritage resource management:				
	E-mail Address:	Telephone:	Cell:		
	Name of individual:	Name of Pra	ctice:	Area of specialisation:	_
	Qualifications:				
3.	Experience:				
	Standing in heritage resource management:				
	E-mail Address:	Telephone:	Cell:		
	Name of individual:	Name of Prac	ctice:	Area of specialisation:	
	Qualifications:				
4.	Experience:				
	Standing in heritage resource management:				
	E-mail Address:	Telephone:	Cell:		
	Name of individual:	Name of Prac	tice:	Area of specialisation:	7
	Qualifications:				
5.	Experience:				
	Standing in heritage resource management:				
	E-mail Address:	Telephone:	Cell:		
f thi	this submission is made in terms of Section 38(8) of the National Heritage Resources Act indicate				

If this submission is made in terms of Section 38(8) of the National Heritage Resources Act indicate below the particulars of the principle environmental consultant on the project.

Nan	ne of individual:	ual: Name of Practice:		Area of specialisation:			
E-m	ail Address:	Telephone:	Cell:				
Post	Postal Address:						
DETAILS OF STUDIES TO BE CONDUCTED IN THE INTENDED HIA							
In a	ddition to the requ	irements set out i	n Section 38	(3) of the NHRA, indicate envisaged studies:			
	Heritage resource-related guidelines and policies.						
	Local authority planning and other laws and policies.						
	Details of parties, communities, etc. to be consulted.						
	Specialist studies, eg: archaeology, palaeontology, architecture, townscape, visual impact, etc. Provide details:						
	Other. Provide details:						
PLEASE NOTE: Any further studies which Heritage Western Cape may resolve should be submitted must be in the form of a single, consolidated report with a single set of recommendations. Specialist studies must be incorporated in full, either as chapters of the report, or as annexures thereto.							