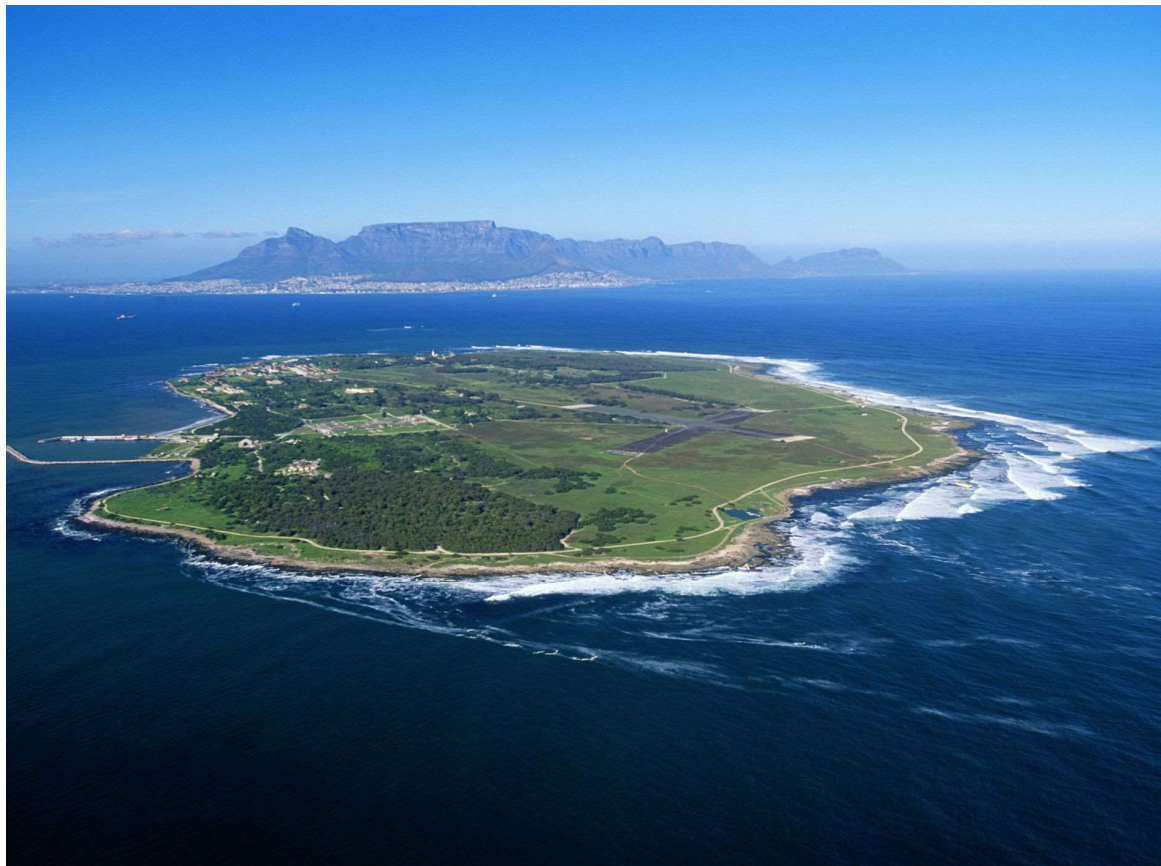


ROBBEN ISLAND MUSEUM

# PROPOSED WASTEWATER TREATMENT WORKS ON ROBBEN ISLAND, TABLE BAY, WESTERN CAPE DRAFT STAKEHOLDER ENGAGEMENT REPORT

2022-07





# PROPOSED WASTEWATER TREATMENT WORKS ON ROBBEN ISLAND, TABLE BAY, WESTERN CAPE

## DRAFT STAKEHOLDER ENGAGEMENT REPORT

ROBBEN ISLAND MUSEUM

TYPE OF DOCUMENT (VERSION)

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# 1 INTRODUCTION

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## 1.1 PROJECT BACKGROUND

**This is a repeat application for an Environmental Authorisation that has expired (Ref: 14/12/16/3/3/3/83).**

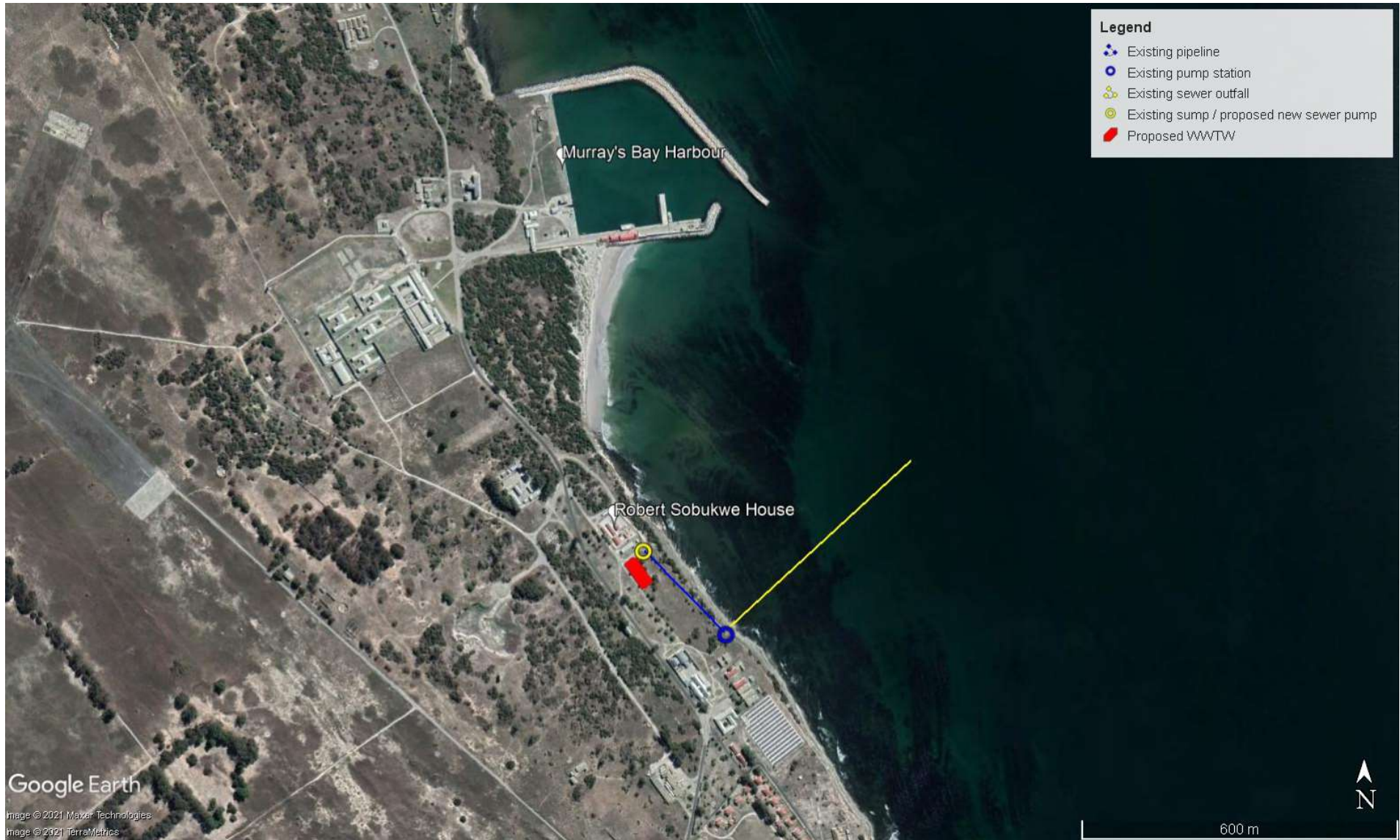
There is currently no formal Wastewater Treatment Works (WWTW) on Robben Island. All sewage is pumped by six pump stations to a collection sump near Robert Sobukwe's former residence, where it is macerated and pumped along the outfall sewer pipeline to discharge through a diffuser 465 m offshore.

The proponent, Robben Island Museum (RIM), therefore proposes to construct a WWTW with a daily throughput capacity of 300m<sup>3</sup> per day on the eastern side of Robben Island in Table Bay. Treated effluent will gravitate to the existing sewage collector sump at the proposed WWTW site from where it will be pumped along the existing outfall sewer pipeline to discharge through a diffuser 465 m offshore. The project site is bounded to the northeast by Murray's Bay beach (50 m), to the north by the Dog Unit (Robert Sobukwe Complex) (30 m), to the west by Murray's Road (80 m) and to the south by the Robben Island village (500 m) (**Figure 1-1**).

A Basic Assessment (BA) was previously undertaken by WSP in 2014/15. An Environmental Authorisation (EA) was secured for the proposed WWTW on 27 March 2015 and an extension was granted on 27 March 2018 (Ref: 14/12/16/3/3/3/83). The WWTW authorised in the EA was for a treatment capacity of 108,000 m<sup>3</sup> per annum with all the effluent generated on the Island discharged via a marine outfall into the coastal environment after treatment. The design allowed for a maximum discharge volume of 300m<sup>3</sup> per day. The EA states "*this activity must commence within a period of five (5) years from the date of EA issued on 27 March 2015 (i.e. the EA lapses on 27 March 2020). If the commencement of the activities does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.*" Due to unforeseen circumstances, the project did not commence by the expiry date of 27 March 2020 and the EA subsequently lapsed. RIM is therefore required to apply for a new EA.

The proposed WWTW requires an Integrated Environmental Authorisation (IEA) and Waste Management Licence (WML) in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA) and the associated Environmental Impact Assessment (EIA) Regulations, 2014, as amended as well as the National Environmental Management Waste Act (Act 59 of 2008) (NEMWA). WSP Group Africa (Pty) Ltd (WSP) has been appointed by RIM as the independent Environmental Assessment Practitioner (EAP) to facilitate the BA process in accordance with the EIA Regulations, 2014, as amended.





**Figure 1-1: Location of the existing and proposed WWTW infrastructure on Robben Island**

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## 1.2 TERMS OF REFERENCE AND DETAILS OF THE EAP

WSP was appointed in the role of Independent EAP to undertake the BA processes for the proposed Project. This Stakeholder Engagement Report was compiled as part of the BA process and must be read in conjunction with the Basic Assessment Report (BAR) in support of the EA application. The CV of the EAP is available in **Appendix A** of the BAR. The EAP declaration of interest and undertaking is included in **Appendix B** of the BAR. **Table 1-1** details the relevant contact details of the EAP.

**Table 1-1: Details of the EAP**

EAP	WSP GROUP AFRICA (PTY) LTD
Company Registration:	1999/008928/07
Contact Person:	Jacqui Fincham
Physical Address:	1 <sup>st</sup> Floor, The Pavilion, Corner of Portswood and Beach Road, V&A Waterfront, Cape Town
Postal Address:	PO Box 2613, Cape Town, 8000
Telephone:	+27 21 481 8795
Fax:	+27 21 481 8799
Email:	Jacqui.Fincham@wsp.com

To adequately identify and assess potential environmental impacts, the EAP was supported by a number of specialists, whose details are provided in the BAR.

### STATEMENT OF INDEPENDENCE

Neither WSP nor any of the authors of this Report have any material present or contingent interest in the outcome of this Report, nor do they have any business, financial, personal or other interest that could be reasonably regarded as being capable of affecting their independence. WSP has no beneficial interest in the outcome of the assessment.

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## 1.3 PUBLIC PARTICIPATION

Public participation is understood to be a series of inclusive and culturally appropriate interactions aimed at providing stakeholders with opportunities to express their views, so that these can be considered and incorporated into the decision-making process. Effective public participation requires the prior disclosure of relevant and adequate project information to enable stakeholders to understand the risks, impacts, and opportunities of the proposed Project.

Basic reasons why the public are involved in the BA Process:

- The environment is held in public trust, therefore use of environmental resources is everyone's concern.
- To ensure that projects meet the citizens' needs and are suitable to the affected public.
- The project carries more legitimacy, and less hostility, if interested and affected parties (I&APs) are able to influence the decision-making process.
- The final decision is deemed informed when local knowledge and values are included and when expert knowledge is publicly examined.

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### 1.3.1 OBJECTIVES

The objectives of the public participation process (PPP) can be summarised as follows:

- Identify relevant individuals, organisations and communities who may be interested in or affected by the proposed Project;
- Clearly outline the scope of the proposed Project, including the scale and nature of the existing and proposed activities;
- Identify viable proposed Project alternatives that will assist the relevant authorities in making an informed decision;
- Identify shortcomings and gaps in existing information;
- Identify key concerns, raised by I&APs that should be addressed in the subsequent specialist studies;
- Highlight the potential for environmental impacts, whether positive or negative; and
- To inform and provide the public with information and an understanding of the proposed Project, issues and solutions.

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### 1.3.2 WHAT IS AN INTERESTED AN AFFECTED PARTY?

An I&AP is defined as any person, group of persons or organisations interested in or affected by an activity, and any organ of state that may have jurisdiction over any aspect of the activity.

The difference between an I&AP and a registered I&AP:

- An I&AP can be directly or indirectly impacted on by a proposed activity.
- A registered I&AP is a person whose name has been placed on the register of registered I&APs. According to the PPP Guidance document, 2017, only registered I&APs will be notified:
  - Of the availability of reports and other written submissions made to the competent authority (CA) by the Applicant, and be entitled to comment on these reports and submissions; and
  - Of the outcome of the application, the reasons for the decision, and that an appeal may be lodged against a decision.

For the purpose of this report, registered I&APs will be referred to as Stakeholders.

### RIGHTS, ROLES AND RESPONSIBILITIES OF THE STAKEHOLDER

Registered stakeholders have the right to bring to the attention of the Competent Authority (CA) any issues that they believe may be of significance to the consideration of the application. The rights of stakeholder are qualified by certain obligations, namely:

- Stakeholders must ensure that their comments are submitted within the timeframes that have been approved by the Department of Forestry, Fisheries and the Environment (DFFE) or within any extension of a timeframe agreed by the Proponent, EAP or competent authorities;
- Serve a copy of the comments submitted directly to the competent authorities, the Proponent or the EAP; and
- Disclose to the EAP any direct business, financial, personal or other interest that they might have in the approval or refusal of the application.

The roles of stakeholders in a public participation process usually include one or more of the following:

- Assisting in the identification and prioritisation of issues that need to be investigated;
- Making suggestions on alternatives and means of preventing, minimising and managing negative impacts and enhancing proposed Project benefits;
- Assisting in or commenting on the development of mutually acceptable criteria for the evaluation of decision options;
- Contributing information on public needs, values and expectations;
- Contributing local and traditional knowledge; and
- Verifying that their issues have been considered.

In order to participate effectively, stakeholders should:

- Become involved in the process as early as possible;
- Register as a stakeholder;

- Advise the EAP of other stakeholders who should be consulted;
- Contribute towards the design of the public participation process (including timeframes) to ensure that it is acceptable to all stakeholders;
- Follow the process once it has been accepted;
- Read the material provided and actively seek to understand the issues involved;
- Give timeous responses to correspondence;
- Be respectful and courteous towards other stakeholders;
- Refrain from making subjective, unfounded or ill-informed statements; and
- Recognise that the process is confined to issues that are directly relevant to the application.

## 1.4 APPROACH TO STAKEHOLDER ENGAGEMENT

Our approach to stakeholder engagement is based on the following principles:

- Undertake meaningful and timely participation with stakeholders;
- Focus on important issues during the process;
- Undertake due consideration of alternatives;
- Take accountability for information used;
- Encourage co-regulation, shared responsibility and a sense of ownership over the proposed Project lifecycle;
- Apply “due process” particularly with regard to public participation as provided for in the EIA Regulations; and
- Consider the needs, interests and values of stakeholders.

The Public Participation guideline in terms of the NEMA EIA Regulations, drafted by the Department of Environmental Affairs (now DFFE) in 2017, tabulates the level of Public Participation required for various levels of anticipated project impacts. This table has been used to identify additional Public Participation methods which are required for the Project. Highlighted cells indicate the applicable response to the anticipated impacts. Results of the process are shown in **Table 1-2** below.

**Table 1-2: Level of Public Participation as per Public Participation Guideline (DEA, 2017)**

SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Are the impacts of the project likely to extend beyond the boundaries of the local municipality?	Formal Consultation with other affected municipalities should be carried out during the PPP.	No need to have a formal consultation with other municipalities during PPP. Minimum requirements for public participation in accordance to EIA must be met.
Are the impacts of the project likely to extend beyond the boundaries of the province?	Formal Consultation with other affected provinces should be carried out during the PPP.	No need to have a formal consultation with other provinces during PPP. Minimum requirements for public participation in accordance to EIA must be met.
Is the project a greenfields development (a new development in a previously undisturbed area)?	Extensive consultation with Registered Interested and Affected Parties (RI&APs) might be required before a decision is taken on the project to in order to gather more information, and to ensure that there is minimal impact on the environment.	Minimum requirements for public participation in accordance to EIA Regulations must be met.



SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Does the area already suffer from socio-economic problems (e.g. job losses) or environmental problems (e.g. pollution), and is the project likely to exacerbate these?	Extensive consultation with RI&APs within the area should be undertaken, to gather more information on both the socio-economic and environmental problems.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is the project expected to have a wide variety of impacts (e.g. socio-economic and ecological)?	Thorough consultation needs to be conducted with RI&APs, in order to address variety of impacts.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
<b>Public and environmental sensitivity of the project:</b>		
Are there widespread public concerns about the potential negative impacts of the project?	Broader consultation with all RI&APs will need to be undertaken.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is there a high degree of conflict among RI&APs?	There might need to be more consultation to ensure that there is consensus reached among RI&APs.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Will the project impact on private land other than that of the applicant?	Consultation with the private land owner must be done, and all their concerns need to be addressed.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Does the project have the potential to create unrealistic expectations (e.g. that a new factory would create a large number of jobs)?	Thorough consultation that addresses the perceptions of unrealistic expectations needs to be carried out.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
<b>Potentially affected parties:</b>		
Has very little previous public participation taken place in the area?	More thorough public participation should take place within the area, to ensure that all potential and RI&APs participate.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Did previous public participation processes in the area result in conflict?	Additional consultation might be needed to ensure that issues of conflict are addressed effectively.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Are there existing organisational structures (e.g. local forums) that can represent I&APs?	Organizational structures might minimise conflict whilst maximising the participation.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is the area characterised by high social diversity (i.t.o. socio-economic status, language or culture)?	Proper consultations that address language and cultural diversity should be promoted.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Were people in the area victims of unfair expropriations or relocation in the past?	PPP should be extensive and address any unfair practices that occurred in the past.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is there a high level of unemployment in the area?	The PPP should ensure that there are no unrealistic expectations created due to the project. The consultation should ensure that any unrealistic expectations are adequately addressed before the project starts.	Minimum requirements for public participation in accordance to EIA Regulations must be met.

SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Do the RI&APs have special needs (e.g. a lack of skills to read or write, disability, etc)?	Consultation should include mechanisms that will ensure full participation by people with special needs.	Minimum requirements for public participation in accordance to EIA Regulations must be met. Minimum requirements for PP in accordance to the Act must be met as well as best practices relating to PP.

## 1.5 PUBLIC PARTICIPATION PLAN

**Table 1-3** below outlines the Public Participation Plan for the proposed WWTW on Robben Island.

**Table 1-3: Public Participation Plan**

### SUMMARY OF PPP REQUIREMENT AS DEFINED BY THE EIA REGULATIONS (GNR 326) PROPOSED PLAN/ACTIVITIES

<p>41(2) The person conducting a PPP must give notice to all potential I&amp;APs by-</p> <p>(a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of—</p> <p>(i) the site where the activity to which the application or proposed application relates is or is to be undertaken; and</p> <p>(ii) any alternative site;</p>	<ul style="list-style-type: none"> <li>— Placement of one (1) site notice (in English and Afrikaans) at an appropriate location on site;</li> <li>— Placement of one (1) site notice (in English and Afrikaans) on the ferry;</li> <li>— Placement of one (1) site notice (in English and Afrikaans) at Murray’s Harbour, on Robben Island; and</li> <li>— Placement of one (1) site notice at a public place within a 5km radius of the project area, such as the Robben Island Museum.</li> </ul>
<p>(b) giving written notice, in any of the manners provided for in section 47D of the Act, to—</p> <p>(i) 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 and to any alternative site where the activity is to be undertaken;</p> <p>(ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken;</p> <p>(iii) the municipal councillor of the ward in which the site and alternative site is situated and any organisation of ratepayers that represent the community in the area;</p> <p>(iv) the municipality which has jurisdiction in the area;</p> <p>(v) any organ of state having jurisdiction in respect of any aspect of the activity; and</p> <p>(vi) any other party as required by the competent authority;</p>	<ul style="list-style-type: none"> <li>— Written notification will be sent to owners and occupiers on or adjacent to the proposed project site, municipality ward councillor, local municipality and relevant state departments.</li> <li>— The Robben Island Ex-Political Prisoners (EPPs) are a key stakeholder group that will be consulted as part of public participation.</li> <li>— A notification via SMS broadcast will be released to all existing I&amp;APs known to and registered with RIM where mobile numbers are available.</li> <li>— All issued written notices to stakeholders will be accompanied by an email and phone call to the recipient in order to ascertain whether they are able to represent themselves and/or their constituencies, and to agree on any additional measures that may be required for this representation to be effective.</li> <li>— If required, additional measures will be taken, within reason, to ensure effectiveness of the engagement. This may include additional timeframes for commenting, identification of proxy-representatives, etc.</li> <li>— General communication (written notification) with stakeholders (public and government departments/authorities) throughout the BA process.</li> <li>— Stakeholders will be added to the database on request as the project progresses.</li> </ul>

**SUMMARY OF PPP REQUIREMENT AS DEFINED BY THE EIA REGULATIONS (GNR 326) PROPOSED PLAN/ACTIVITIES**

<p>(c) placing an advertisement in—</p> <p>(i) one local newspaper; or</p> <p>(ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;</p>	<ul style="list-style-type: none"> <li>— An advert will be published in a national and local newspaper (one in English and one in Afrikaans), formally announcing the commencement of the Integrated Environmental Authorisation (IEA) application process, requesting stakeholders to register their interest in the project, and informing them of the release of the Draft BAR for public review and comment.</li> </ul>
<p>(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken</p>	<ul style="list-style-type: none"> <li>— It is noted that advertising in provincial and national newspapers is not required as the impact of the activities does not extend beyond the boundaries of the municipality in which the Project will be undertaken. However, given the World Heritage status of the site an advert will be placed in one national newspaper and one local newspaper.</li> </ul>
<p>(e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desirous of but unable to participate in the process due to—</p> <p>(i) illiteracy;</p> <p>(ii) disability; or</p> <p>(iii) any other disadvantage.</p>	<ul style="list-style-type: none"> <li>— The existing 2014 database for the Robben Island WWTW and the recent Alpha 1 Lounge project will be verified and updated for the purposes of this BA process.</li> <li>— As part of the verification process, existing I&amp;APs will be contacted telephonically and asked to confirm their preferred method of communication.</li> <li>— The relevant ward councillor will be contacted to ensure that traditional leaders and community-based organisations are aware of the Project and can assist in distributing and communicating relevant Project information to community members.</li> <li>— No public meetings or focus group discussions have been provided for. Those I&amp;APs that wish to remain registered will be given an opportunity to register to attend a virtual online meeting to introduce the project should they require this.</li> </ul>
<p>(42) A proponent or applicant must ensure the opening and maintenance of a register of interested and affected parties and submit such a register to the competent authority,</p>	<ul style="list-style-type: none"> <li>— Stakeholders with a potential interest in the Project will be identified at the outset of the Project. As noted above, the existing 2014 database for the Robben Island WWTW will be verified and updated for the purposes of this BA process.</li> <li>— All stakeholders identified will be registered on the project stakeholder database, and the database will be maintained throughout the BA process, via email and SMS broadcast.</li> </ul>
<p>(43) &amp; (44) Registered Interested and affected parties (I&amp;APs) must be given 30 days to comment on the draft Report</p>	<p>The Draft BAR will be made available to all stakeholders for a 30-day comment period as follows:</p> <ul style="list-style-type: none"> <li>— From WSP on request</li> <li>— Online on the WSP website</li> <li>— Online on the RIM website</li> </ul> <p>A Comment and Response Report (CRR) will be generated for inclusion in Final BAR for consideration by the competent authority. The public participation report contained in the EIA Report will include an additional section detailing the additional measures described above, together with an independent opinion on whether these measures enabled free and fair public participation.</p>

## 2 PUBLIC PARTICIPATION TO DATE

### 2.1 PRE-APPLICATION CONSULTATION

A pre-application meeting request was sent to DFFE on 17 August 2021. On 24 August 2021, the DFFE case officer, Ms Constance Musemburi, responded in writing to confirm that a pre-application meeting would not be required for the Project. Refer to **Appendix C1** for e-mail correspondence in this regard.

### 2.2 IDENTIFICATION OF KEY STAKEHOLDERS

Section 41 of the EIA Regulations (2014, as amended) states that written notices must be given to identified stakeholders as outlined in **Table 2-1**.

Relevant authorities (Organs of State) have been automatically registered as stakeholders. In accordance with the EIA Regulations, 2014 (as amended), all other persons must request in writing to be placed on the register, submit written comments, or attend meetings to be registered as stakeholders, and included in future communication regarding the Project.

**Table 2-1: Interested and Affected Parties Table**

NEMA REQUIREMENT	DISCUSSION
<i>(i) the owner or person in control of that land if the applicant is not the owner or person in control of the land</i>	The project activity is located on Robben Island, which is a National Monument and World Heritage Site. The South African Heritage Resources Agency (SAHRA) has therefore been included as a registered I&AP.
<i>(ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken</i>	The Robben Island EPPs are a key stakeholder group that will be consulted (via e-mail) as part of public participation.
<i>(iii) owners 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</i>	
<i>(iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area</i>	Ward Councillors of Ward 54 (City of Cape Town) have been included on the stakeholder database. Additionally, the EPPs have been included on the stakeholder database.
<i>(v) the municipality which has jurisdiction in the area</i>	The City of Cape Town Metropolitan Municipality has been included on the stakeholder database.
<i>(vi) any organ of state having jurisdiction in respect of any aspect of the activity</i>	DFFE: Oceans and Coast, Department of Tourism, SAN Parks, SAHRA and the Western Cape Department Environmental Affairs and Development Planning (DEA&DP) are included on the stakeholder database.
<i>(vii) any other party as required by the competent authority.</i>	All tiers of government, namely, national, provincial, local government and parastatals have been included on the stakeholder database.

**Appendix A** provides a list of stakeholders registered on the Project database. The stakeholder database will be updated throughout the BA process.



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## 2.2.1 NOTIFICATION PROCEDURES

### DIRECT NOTIFICATION

Notification of the proposed Project will be issued to potential Stakeholders, via direct correspondence (i.e. e-mail and SMS) on 28 July 2022. The notification letter to be circulated is included in **Appendix B-1** of this report and the background information document (BID) is included in **Appendix B-2**. Proof of notification will be included in the Final BA Report.

### ADVERTISEMENT

Notification of the proposed Project was issued to the general public via an advertisement on 28 July 2022. The purpose of the advertisement was to notify the general public of the proposed application and provide an opportunity to register on the Project database and provide input into the process. A copy of the advertisement is included as **Appendix B-3**. The advertisement publication details are provided in **Table 2-2**.

**Table 2-2: Dates on which the advert was published**


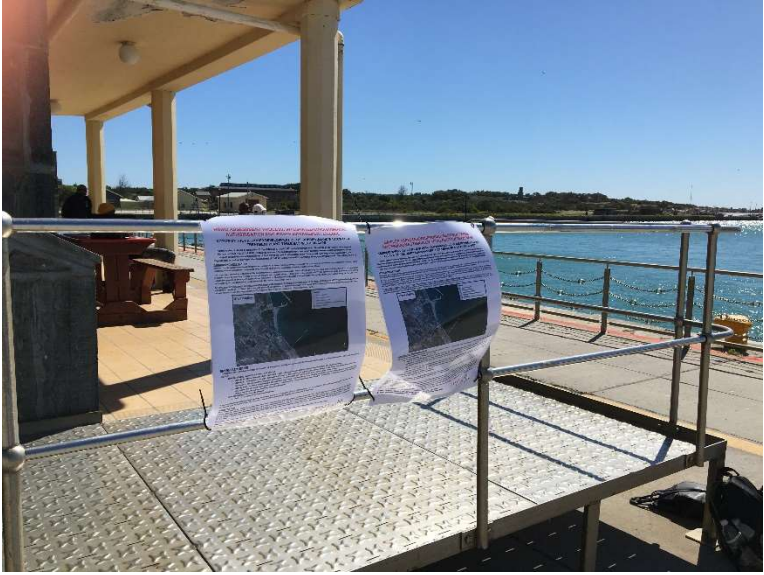
NEWSPAPER	PUBLICATION DATE
Die Burger	28 July 2022
The Cape Towner	28 July 2022

### SITE NOTICES

In accordance with GNR 326 Section 41(2)(a-b) site notices were developed (see **Appendix B-4**) and placed at two (2) strategic points on Robben Island, namely Murray's Bay Harbour and Robert Sobukwe House where they are visible and accessible to residents and the public, as well as on Krotoa, the catamaran passenger ferry that transports tourists, residents and RIM employees to and from Robben Island. Site notices were also placed in two (2) public places on the mainland, including Nelson Mandela Gateway and the V&A Waterfront. Site notices were placed on site on 17 September 2021. The purpose of the notification was to offer potential I&APs and Stakeholders the opportunity to register on the Project database and provide input into the process at a very early stage of the process (i.e. prior to the submission of the application forms) to ensure the major concerns had been considered adequately, reducing the potential for amendments to the report following formal commencement of the process.

**Table 2-3** below shows details and proof of display. **Figure 2-1** shows the mapped locations of the site notice placements on Robben Island.

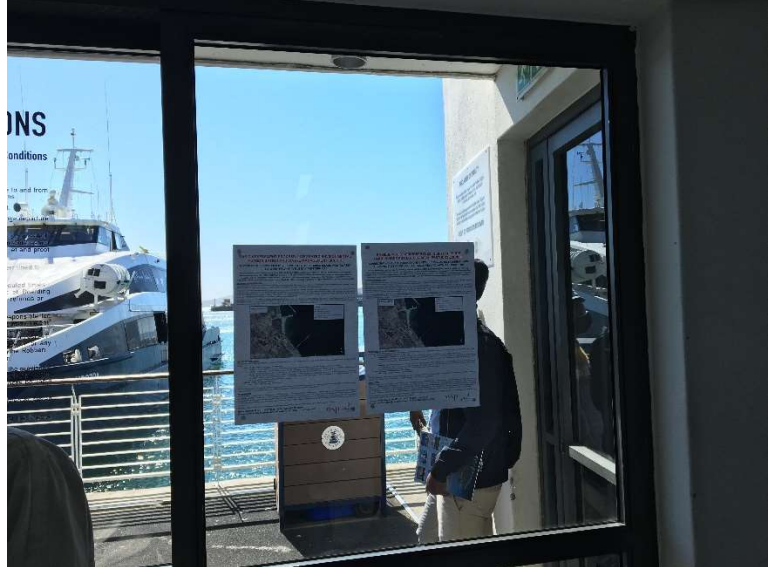
**Table 2-3: Site Notice Locations**

LOCATION	CO-ORDINATES	PHOTOGRAPHS
<b>Robben Island</b>		
Robert Sobukwe House	33°48'12,98"S 18°22'34.43"E	
Murray's Bay Harbour	33°47'55.85"S 18°22'35.90"E	

**LOCATION      CO-ORDINATES      PHOTOGRAPHS**

Krotoa Ferry	N/A	
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**Public Places on the Mainland**

Nelson Mandela Gateway	33°54'22.93"S 18°25'21.45"E	
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**LOCATION      CO-ORDINATES      PHOTOGRAPHS**

V&A Waterfront	33°54'20.70"S 18°25'10.75"E	
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**Figure 2-1: Location of Site Notices on Robben Island**

## AVAILABILITY OF THE DRAFT BASIC ASSESSMENT REPORT

The Draft BA Report will be placed on public review for a period of 30 days from **28 July 2022** to **29 August 2022**, at as follows:

- Electronic version: RIM website – to be accessed by the public via the following link: <https://www.robben-island.org.za/news#press>
  - Electronic Version: WSP’s website - to be accessed by the public via the following link: <https://www.wsp.com/en-ZA/services/public-documents>
- 

### 2.2.2 STAKEHOLDER REGISTRATION

All stakeholders that either call in or send written correspondence, such as emails, fax, or post, to the EAP will be added to the database and their comments and/or queries will be responded to.

---

## 2.3 COMMENTS RECEIVED

No comments have been received from registered stakeholders to date. All comments will be captured and responded to in the Final BAR.

# APPENDIX

# A STAKEHOLDER DATABASE



NAME	RESPONSIBILITY	ORGANISATION	E-MAIL	TELEPHONE
<b>Interested and Affected Parties</b>				
Mr Mpho		Ex Political Prisoners Association	<a href="mailto:eppaassociation@gmail.com">eppaassociation@gmail.com</a>	
Castro Leholo		Ex Political Prisoners Association	<a href="mailto:LeeCastrophumo@gmail.com">LeeCastrophumo@gmail.com</a>	
Sipho Msomi		Ex Political Prisoners Association	<a href="mailto:siphomsomi@gmail.com">siphomsomi@gmail.com</a>	
Dede Ntsoeleyoe		RIM: Public Heritage Education Department	<a href="mailto:deden@robbenisland.org.za">deden@robbenisland.org.za</a>	
Itumeleng Makwela		RIM: Public Heritage Education Department	<a href="mailto:makwelamahala@gmail.com">makwelamahala@gmail.com</a>	
Coco Merkel		Robben Island Museum	<a href="mailto:cocomerke@gmail.com">cocomerke@gmail.com</a>	
Prof Peter Barham		EarthWatch	<a href="mailto:Peter.Barham@bristol.ac.uk">Peter.Barham@bristol.ac.uk</a>	
Dr Richard Sherly		EarthWatch / UCT	<a href="mailto:richard.sherley@gmail.com">richard.sherley@gmail.com</a>	
Dr Katryn Ludynia		SANCCOB	<a href="mailto:katta@sanccob.co.za">katta@sanccob.co.za</a>	
Andile Mdluli		SANCCOB	<a href="mailto:AndileM@robben-island.org.za">AndileM@robben-island.org.za</a>	
Prof Les Underhill		UCT	<a href="mailto:les.underhill@uct.ac.za">les.underhill@uct.ac.za</a>	
Dr Tegan Carpenter-Kling	Coastal Seabird Project Manager		<a href="mailto:tegan.carpenter-kling@birdlife.org.za">tegan.carpenter-kling@birdlife.org.za</a>	
Dr Alistair McInnes	Seabird Conservation Programme Manager	BirdLife	<a href="mailto:Alistair.mcinnnes@birdlife.org.za">Alistair.mcinnnes@birdlife.org.za</a>	
Ilyas Salie	Secretary General Robben Island Tour Guide	Muslim Judicial Council	<a href="mailto:pa_deputy1@mjc.org.za">pa_deputy1@mjc.org.za</a> <a href="mailto:ilyassalie@gmail.com">ilyassalie@gmail.com</a>	
<b>Organs of State</b>				
Constance Musemburi	Case Officer	DFFE	<a href="mailto:CMusemburi@environment.gov.za">CMusemburi@environment.gov.za</a>	(012) 399 9416
Thumeka Ntloko/ Paballo Mohafa		DFFE	<a href="mailto:TNtloko@environment.gov.za">TNtloko@environment.gov.za</a> / <a href="mailto:PMohafa@environment.gov.za">PMohafa@environment.gov.za</a>	
Ismat Adams and Marius Wheeler	Conservation Operations: Landscape Conservation Intelligence Management Unit	CapeNature	<a href="mailto:iadams@capenature.co.za">iadams@capenature.co.za</a> ; <a href="mailto:mwheeler@capenature.co.za">mwheeler@capenature.co.za</a>	(087) 087 3188
Ms. Ronelle Clarke/Mr. Dimitri Georgeades		City of Cape Town: Environment & Heritage Management	<a href="mailto:ronelle.clarke@capetown.gov.za">ronelle.clarke@capetown.gov.za</a> / <a href="mailto:Dimitri.Georgeades@capetown.gov.za">Dimitri.Georgeades@capetown.gov.za</a>	(021) 4006534
Nicola Jowell Xola Mabunzi	Ward Councillor	City of Cape Town Department of Environmental Affairs: World Heritage Management	<a href="mailto:nicola.jowell@capetown.gov.za">nicola.jowell@capetown.gov.za</a> <a href="mailto:zmabunzi@environment.gov.za">zmabunzi@environment.gov.za</a>	(072) 653 5763 (012) 399 8847
Stanley Tshitwamulomoni / Seoka Lekota		DFFE: Biodiversity and Conservation	<a href="mailto:StanleyT@environment.gov.za">StanleyT@environment.gov.za</a> / <a href="mailto:SLekota@environment.gov.za">SLekota@environment.gov.za</a>	(012) 399 9587 / 012 399 9573
Aulicia Maifo	Intern: Biodiversity Maistreaming EIA	DFFE: Biodiversity and Conservation	<a href="mailto:BCAdmin@environment.gov.za">BCAdmin@environment.gov.za</a> / <a href="mailto:amaifo@dfpe.gov.za">amaifo@dfpe.gov.za</a>	(012) 399 9627
Thando Ndudula		DFFE: Forestry Western Cape Department of Environmental Affairs: Oceans and Coasts	<a href="mailto:ndudula@dfpe.gov.za">ndudula@dfpe.gov.za</a> <a href="mailto:oceia@environment.gov.za">oceia@environment.gov.za</a>	(021) 944 1416 (021) 819 2432
Zaahir Toefy		Department of Environmental Affairs and Development Planning	<a href="mailto:zaahir.toefy@westerncape.gov.za">zaahir.toefy@westerncape.gov.za</a>	(021) 483 2700
Thea Jordan	Director: Development Facilitation	Department of Environmental Affairs and Development Planning	<a href="mailto:Thea.Jordan@westerncape.gov.za">Thea.Jordan@westerncape.gov.za</a>	
Phucuka Penny Penxa	Cape Town Regional Office	Department of Public Works and Infrastructure	<a href="mailto:Phucuka.Penxa@dpw.gov.za">Phucuka.Penxa@dpw.gov.za</a>	
Vanessa Stoffels		Department of Transport and Public Works	<a href="mailto:vanessa.stoffels@westerncape.gov.za">vanessa.stoffels@westerncape.gov.za</a>	
B. Manale		Department of Tourism	<a href="mailto:B.Manale@tourism.gov.za">B.Manale@tourism.gov.za</a>	(012) 444 6607
Natasha Higgitt		SAHRA	<a href="mailto:nhiggitt@sahra.org.za">nhiggitt@sahra.org.za</a>	
Ben Mwasinga		SAHRA: Built Environmental Unit	<a href="mailto:bmwasinga@sahra.org.za">bmwasinga@sahra.org.za</a>	(021) 462 8634
Esther Howard		South African National Parks	<a href="mailto:esther.howard@sanparks.org.za">esther.howard@sanparks.org.za</a>	(021)9009060
Rashid Khan	Regional Head: Western Cape	Department of Water and Sanitation (DWS)	<a href="mailto:khanr@dws.gov.za">khanr@dws.gov.za</a>	(021) 950 7100



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Lizell Stroh

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Administration

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[obstacles@atns.co.za](mailto:obstacles@atns.co.za)

# APPENDIX

## **B** NOTIFICATIONS



## APPENDIX

# ***B-1*** NOTIFICATION LETTER



WSP Reference: 41103532

28 July 2022

Dear Sir/Madam:

**Subject: NOTIFICATION OF THE BASIC ASSESSMENT PROCESS FOR THE PROPOSED WASTEWATER TREATMENT WORKS ON ROBBEN ISLAND, TABLE BAY, WESTERN CAPE PROVINCE**

**This is a repeat application for an Environmental Authorisation that has expired (Ref: 14/12/16/3/3/83)**

Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for an Integrated Environmental Authorisation (IEA) in respect of activities identified in terms of GNR 327 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended) (EIA Regulations) and a Waste Management License (WML) in respect of activities identified in terms of GN 921 of 2013 of the National Environmental Management Waste Act (No. 59 of 2008) (NEMWA).

**PROJECT BACKGROUND AND LOCATION**

There is currently no formal WWTW on Robben Island. All sewage is pumped by six pump stations to a collection sump near Robert Sobukwe’s former residence, where it is macerated and pumped along the outfall sewer pipeline to discharge through a diffuser 465 m offshore. The proponent, Robben Island Museum (RIM), therefore proposes to construct a WWTW with a daily throughput capacity of 300m<sup>3</sup> per day on the eastern side of Robben Island in Table Bay. Treated effluent will gravitate to the existing sewage collector sump at the proposed WWTW site from where it will be pumped along the existing outfall sewer pipeline to discharge through a diffuser 465 m offshore.

A Basic Assessment (BA) was previously undertaken by WSP in 2014/15. An Integrated Environmental Authorisation (IEA) was secured for the proposed WWTW on 27 March 2015 and an extension was granted on 27 March 2018 (Ref: 14/12/16/3/3/83). The WWTW authorised in the IEA was for a treatment capacity of 108,000 m<sup>3</sup> per annum with all the effluent generated on the Island discharged via a marine outfall into the coastal environment after treatment. The design allowed for a maximum discharge volume of 300m<sup>3</sup> per day. The IEA states “*this activity must commence within a period of five (5) years from the date of EA issued on 27 March 2015 (i.e. the EA lapses on 27 March 2020). If the commencement of the activities does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.*” Due to unforeseen circumstances, the project did not commence by the expiry date of 27 March 2020 and the IEA subsequently lapsed. RIM is therefore required to apply for a new IEA.

**ENVIRONMENTAL APPLICATION**

Several listed activities in GNR 327 are triggered as well as a listed activity in GNR 921. The Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority in respect of the application for IEA. Listed activities associated with the proposed project are reflected in the table below.

LEGISLATION		ACTIVITIES APPLIED FOR:
NEMA EIA Regulations	GNR 327 (Listing Notice 1)	<p><b>Activity 15:</b> The development of structures in the coastal public property where the development footprint is bigger than 50m<sup>2</sup>.</p> <p><b>Activity 17:</b> Development— in the sea; in an estuary; within the littoral active zone; in front of a development setback; or if no development setback exists, within a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever is the greater; in respect of— fixed or floating jetties and slipways; tidal pools; embankments; rock revetments or stabilising structures including stabilising walls; or</p>

The Pavilion, 1st Floor  
Cnr Portsworld and Beach Road, Waterfront  
Cape Town, 8001  
South Africa

T: +27 21 481 8700  
F: +086 606 7121  
wsp.com



LEGISLATION		ACTIVITIES APPLIED FOR:
		infrastructure or structures with a development footprint of 50 square metres or more.
		<b>Activity 19A:</b> 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 – the seashore; 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; or the sea.
NEM:WA	GNR 921	<b>Category A: Item (1):</b> The storage of general waste in lagoons.

#### REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.

#### DRAFT BA REPORT REVIEW PERIOD

The Draft BA Report will be made available at the venues below for review and comment for 30 days from **28 July 2022** – **29 August 2022**.

Area	Venue	Street Address	Contact No
Website	<a href="https://www.wsp.com/en-ZA/services/public-documents">https://www.wsp.com/en-ZA/services/public-documents</a>		
Website	<a href="https://www.robben-island.org.za/news#publications">https://www.robben-island.org.za/news#publications</a>		

We look forward to your participation in this process and your meaningful contributions.

**WSP Group Africa (Pty) Ltd**  
**Attention: Public Participation Office**

Tel: +27 11 254 4800

Fax: 086 582 1561

E-mail: [gld.pp@wsp.com](mailto:gld.pp@wsp.com)

Postal Address: PO Box 2613, Cape Town, 8000

WSP Reference: 41103532

Should you have any queries or require additional information please contact the undersigned. We look forward to your participation in this process and your meaningful contributions.

Regards,

**Jacqui Fincham**

**WSP Group Africa (Pty) Ltd**

Tel: (021) 481 8659

Fax: (021) 481 8799

Email: [Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)

**APPENDIX**

***B-2 BACKGROUND  
INFORMATION  
DOCUMENT***

# BASIC ASSESSMENT PROCESS FOR THE PROPOSED WASTEWATER TREATMENT WORKS ON ROBBEN ISLAND, TABLE BAY, WESTERN CAPE

## **BACKGROUND INFORMATION DOCUMENT**

***This is a repeat application for an Environmental Authorisation that has expired (Ref: 14/12/16/3/3/3/83)***

### PURPOSE OF THIS DOCUMENT

This background information document serves to provide potential stakeholders with information about the current Basic Assessment (BA) process being undertaken in order for the applicant, Robben Island Museum (RIM), to obtain an Integrated Environmental Authorisation (IEA) and Waste Management Licence (WML) for the proposed development of a Wastewater Treatment Works (WWTW) on Robben Island (the Project) in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA) and the National Environmental Management Waste Act (Act 59 of 2008) (NEMWA). The disclosure of information forms part of the “Stakeholder Engagement Process”. The intent of this document is to provide project information to all interested and affected parties (IAPs), affording them with an opportunity to ask questions, register for more information, or provide comments which can be responded to through the application process. This process of community engagement is to ensure that stakeholders understand the Project and the associated impacts. The triggers are as follows:

**Activity listed in terms of the NEMA EIA Regulations published under the National Environmental Management Act, 1998 (Act No.107 of 1998):**

- **Activity 15, Listing Notice 1 of GNR327:** ‘The development of structures in the coastal public property where the development footprint is bigger than 50 square metres, excluding— the development of structures within existing ports or harbours that will not increase the development footprint of the port or harbour; the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; the development of temporary structures within the beach zone where such structures will be removed within 6 weeks of the commencement of development and where coral or indigenous vegetation will not be cleared; or activities listed in activity 14 in Listing Notice 2 of 2014, in which case that activity applies.’;
- **Activity 17, Listing Notice 1 of GNR327:** ‘Development— in the sea; in an estuary; within the littoral active zone; in front of a development setback; or if no development setback exists, within a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever is the greater; in respect of— fixed or floating jetties and slipways; tidal pools; embankments; rock revetments or stabilising structures including stabilising walls; or infrastructure or structures with a development footprint of 50 square metres or more — but excluding— (aa) the development of infrastructure and structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) the development of temporary infrastructure or structures where such structures will be removed within 6 weeks of the commencement of development and where coral or indigenous vegetation will not be cleared; or (dd) where such development occurs within an urban area.’;
- **Activity 19A, Listing Notice 1 of GNR327:** ‘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 – the seashore; 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; or the sea; — but excluding where such infilling, depositing, dredging, excavation, removal or moving— (f) will occur behind a development setback; (g) is for maintenance purposes undertaken in accordance with a maintenance management plan; (h) falls within the ambit of activity 21 in this Notice, in which case that activity applies; (i) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.’; and

**Activity listed in terms of Section 21 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEMWA):**

- **Category A: Item (1) of GN 921:** ‘The storage of general waste in lagoons.’

The proposed WWTW infrastructure will be greater than 50m<sup>2</sup> and more than 5 m<sup>3</sup> of material will be excavated as part of construction. The WWTW will be constructed on costal public property and within a distance of 100 metres inland of the high-water mark of the sea. The proposed drying beds for the sludge constitute the storage of general waste in lagoons.

WSP Group Africa (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP) to assist RIM in applying for the IEA and WML. WSP are required to act in an independent manner and are acting on behalf of the community and the proponent when providing information to the competent authorities in support of their decision.

## WHO ARE ROBBERN ISLAND MUSEUM?

RIM is a public entity responsible for managing, maintaining, presenting, developing and marketing Robben Island as a national estate and World Heritage Site. It was established by the Department of Arts and Culture in 1997.

RIM implements a wide range of conservation, educational, tourist development, research, archiving and general heritage programmes that are designed to achieve its mandate; conserve the Island’s natural and cultural resources and heritage; and promote it as a platform for critical debate and life-long learning. RIM is also responsible for managing and maintaining the assets of the Island. These include the Maximum and Medium Security Prison Complexes, Robert Sobukwe’s House, the Curio and Village Shops, the Village Precinct and associated recreational facilities, the Helipad and runway on the Island, World War 2 memorials, power generation and water processing plants, Jetty 1 and the Nelson Mandela Gateway at the V&A Waterfront, the Mayibuye Archives, the three (3) ferries that transport people to the Island and the fleet of buses used by tourists on the Island.

## PROJECT BACKGROUND

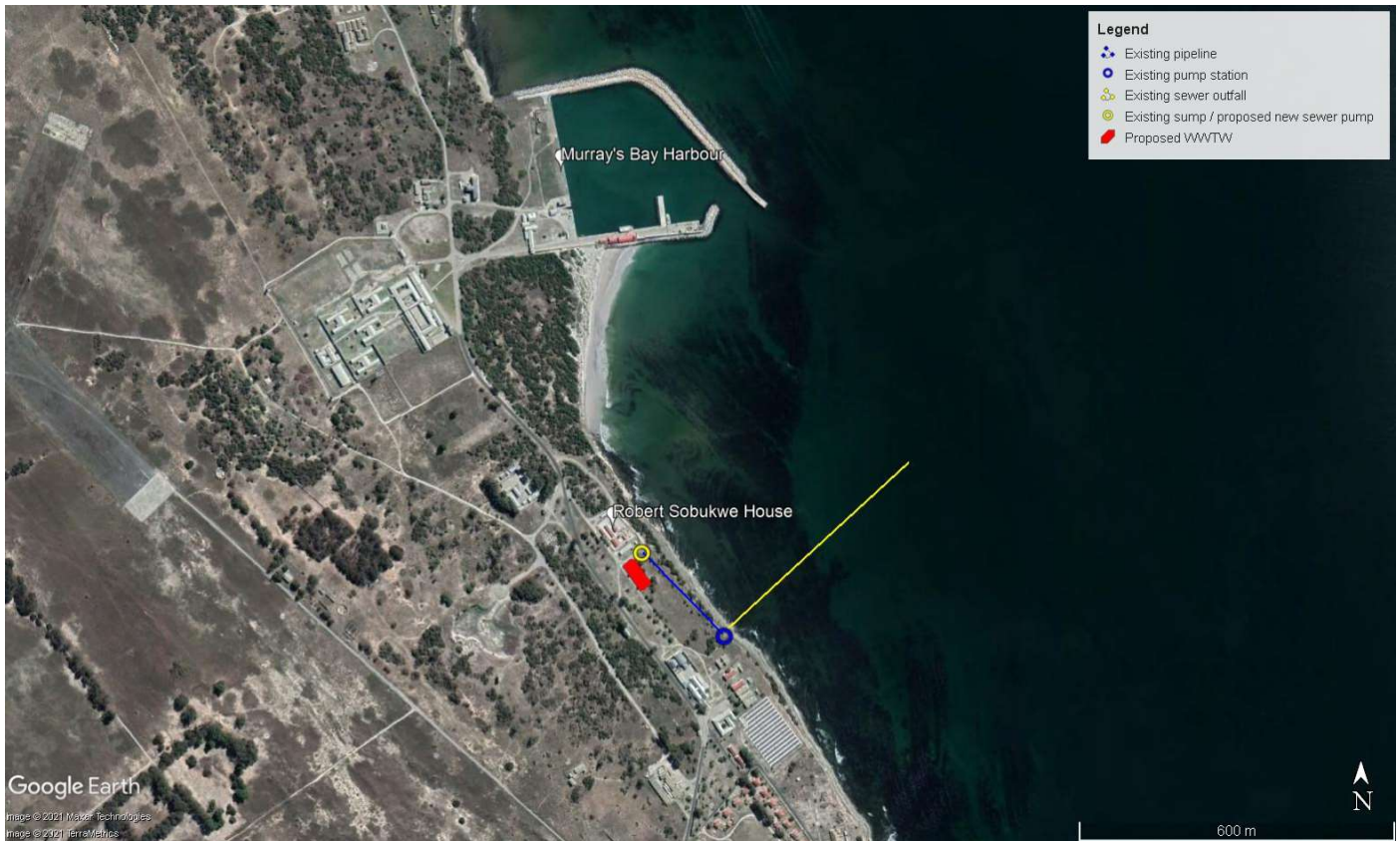
There is currently no formal WWTW on Robben Island. All sewage is pumped by six pump stations to a collection sump near Robert Sobukwe’s former residence, where it is macerated and pumped along the outfall sewer pipeline to discharge through a diffuser 465 m offshore. RIM therefore propose to construct a WWTW with a daily throughput capacity of 300m<sup>3</sup> per day on the eastern side of Robben Island in Table Bay. Treated effluent will gravitate to the existing sewage collector sump at the proposed WWTW site from where it will be pumped along the existing outfall sewer pipeline to discharge through a diffuser 465 m offshore.

A Basic Assessment (BA) was previously undertaken by WSP in 2014/15. An Integrated Environmental Authorisation (IEA) was secured for the proposed WWTW on 27 March 2015 and an extension was granted on 27 March 2018 (Ref: 14/12/16/3/3/83). The WWTW authorised in the IEA was for a treatment capacity of 108,000 m<sup>3</sup> per annum with all the effluent generated on the Island discharged via a marine outfall into the coastal environment after treatment. The design allowed for a maximum discharge volume of 300m<sup>3</sup> per day. The IEA states “*this activity must commence within a period of five (5) years from the date of EA issued on 27 March 2015 (i.e. the EA lapses on 27 March 2020). If the commencement of the activities does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.*” Due to unforeseen circumstances, the project did not commence by the expiry date of 27 March 2020 and the IEA subsequently lapsed. RIM is therefore required to apply for a new IEA.

## SITE LOCATION

The proposed WWTW is located on the eastern side of Robben Island. The site is bounded to the northeast by Murray’s Bay beach (50 m), to the north by the Dog Unit (Robert Sobukwe House) (30 m), to the west by Murray’s Road (80 m) and to the south by the Robben Island village (500 m). The land is not currently used for any purpose and is currently vacant.





**Figure 1: Location of the Proposed WWTW**

## PROJECT DESCRIPTION

As indicated above, an IEA was secured for the proposed infrastructure in 2015 (DFFE Ref: 14/12/16/3/3/83). The details of the WWTW described within the EA were for a WWTW with a treatment capacity of 108,000 m<sup>3</sup> per annum with all the effluent generated on the island discharged via a marine outfall into the coastal environment after treatment. The design allowed for a maximum discharge volume of 300m<sup>3</sup> per day. ECE have amended the design with the following key changes:

- The daily throughput capacity has been decreased from 300m<sup>3</sup> a day to 200m<sup>3</sup> a day. However, the plant is scalable, which means that additional units can be added to increase the capacity of the plant, if required in future. The current application for IEA is therefore for approval of a WWTW with a throughput capacity of 300m<sup>3</sup> per day to accommodate for a potential future scenario.
- Phosphate removal is no longer incorporated at the Robben Island WWTW. Phosphate removal is generally not considered necessary when general limits must be achieved.
- The location of the land-based WWTW infrastructure has been moved further inland (westwards), resulting in a smaller overall footprint of 1070m<sup>2</sup>.
- The facility is no longer fully enclosed in a box and submerged. Certain components of the WWTW will be covered and some components of the facility will be above ground.

**Figure 2** below provides an illustrative example of the proposed WWTW infrastructure and Error! Reference source not found.3 shows a 3D rendering of the proposed WWTW on Robben Island.



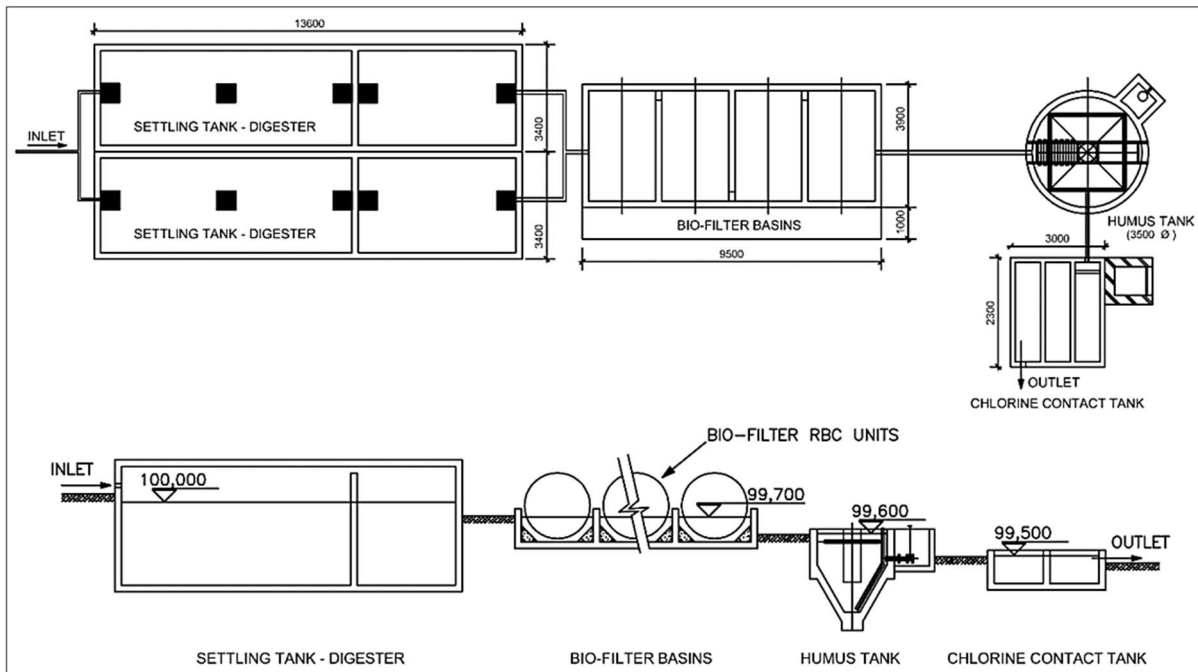
Figure 2: Typical example of WWTW



Figure 3: 3D rendering of the proposed WWTW for Robben Island

### INLET STRUCTURE

Raw sewage will flow through a simple civil concrete inlet structure upstream of the primary settling tank with a hand rake screen which provides a facility to remove non-organic objects from the sewage (Error! Reference source not found.). The screen must be cleaned daily with a rake and the screenings disposed of in a solid waste bin. Any grit entering the WWTW will settle in this primary settling tank and be removed with the settled sludge.



**Figure 4: Schematic layout of the proposed WWTW**

**PRIMARY SETTLING TANK (ANAEROBIC AND ANOXIC REACTOR)**

After screening, raw sewage will flow into a septic tank. The capacity of the septic tank should allow for at least 24 hours retention of the Average Wet Weather Flow (AWWF). Therefore, a capacity of 200 kl will be provided. The septic tank will make provision for the accumulation of settled material and has design features incorporated to ensure that this activity does not cause unnecessary blockages across the tank.

The septic tank will comprise two chambers:

- Anaerobic Primary Settler- oxidation and gross removal of organic material by settlement.
- Anoxic second settler- allows for de-nitrification to take place during which nitrogen is removed and the organic material is further reduced.

**ROTATING BIOLOGICAL CONTACTORS (AEROBIC REACTOR)**

From the septic tank, the sewage will gravitate to the Rotating Biological Contactors (RBCs) within the aerobic reactor where further organic reduction and ammonia nitrification is achieved under aerobic conditions. The aerobic conditions are achieved by the rotation of discs, on which the micro-organism are attached and growing, at a low speed of approximately 3 to 4 RPM. There will be six rotors, each capable of treating 30 kl of domestic sewage per day.

**SECONDARY SETTLING TANK (HUMUS TANK)**

From the RBC, sewage will gravitate to the secondary settling tank or humus tank where settleable sludge will be removed under gravity to a sludge sump from where it will be recycled with a de-sludge pump to the first chamber of the septic tank for anaerobic digestion. Phosphate removal will not be incorporated at the Robben Island WWTW.

**DISINFECTION**

The effluent from the secondary settling tank will gravitate to the chlorine contact channel where it will be dosed with a disinfectant. This will be done by means of a pod system and dosing by means of chlorine tablets. The chlorination contact channel will be sized to ensure at least 30 minutes contact time between the effluent and the disinfectant at the AWWF.





## RISING MAIN FOR FINAL EFFLUENT REUSE

Treated effluent will gravitate to the existing sewage collector sump at the proposed WWTW site from where it will be pumped along the existing outfall sewer pipeline to discharge through a diffuser 465 m offshore. The proposed WWTW will deliver treated effluent that conforms to the DWA general wastewater limit values to enable release into the environment.

Intermittently flushing of the sewer pipelines is required to clean pipelines to prevent clogging due to low sewage flow condition. The proposal is to flush the pipelines with water that is abstracted from the WWTW or the pump station sump to sea and to use this to flush the system where required by means of a tanker.

## SLUDGE MANAGEMENT

Surplus matter (i.e. settled sludge) will be processed through a sludge management system (as required). It is anticipated that the WWTW will generate approximately 66 m<sup>3</sup> of settled sludge annually, 70% of which will be water. The system will include drying beds for sun and wind assisted sludge drying. For this purpose, the beds must remain uncovered; however, netting will be placed over the drying beds to prevent the ingress of birdlife.

## BASIC ASSESSMENT PROCESS

Based on a legal review of environmental legislation relevant to this project, the proposed WWTW will trigger the need to obtain a WML and an EA and as a result an IEA will be required. The application process that will need to be followed is the Basic Assessment process. The competent authority for this application will be the Department of Forestry, Fisheries and the Environment (DFFE) since the site is a World Heritage Site and is owned by an Organ of State.

The Basic Assessment process includes a statutory stakeholder engagement process which comprises several steps. The first steps are to notify the public and previously identified stakeholders of the Robben Island WWTW project and invite all stakeholders to comment on the draft BA Report. This is to be undertaken through the following mediums:

- Newspaper advertisements;
- Site notices in and around the Project area (placed on 17 September 2021);
- Written notification letters to the landowner or person in control of the land (if not the applicant), occupants of the site or alternative site, adjacent landowners and occupiers, municipal ward councillor, ratepayer's associations in the area, municipality (local and district), any organ of state having any jurisdiction in any respect of the activity, and any other party as required by the competent authority; and
- Distribution of the BID (this document) to surrounding landowners and registered stakeholders.

## HOW CAN YOU GET INVOLVED?

- Confirm your interest in the Project by responding (by phone or e-mail) to our invitation for your involvement;
- By mailing or e-mailing the [attached comments form](#) to WSP, the Environmental Assessment Practitioner;
- By telephonically contacting WSP if you have a query, comment or require further project information; and
- By reviewing the draft BA Report and draft Environmental Management Programme report (EMPr) within the relevant review period and sending your comments to WSP. If you register as an IAP you will be notified when the BA Report and EMP Report are available for review.

## ROLES AND RESPONSIBILITIES OF STAKEHOLDERS

Stakeholders have the right to bring to the attention of the competent authority any issues that they believe may be of significance to the consideration of the application. The rights of stakeholders are qualified by certain obligations, namely:

- Stakeholders must ensure that their comments are submitted within the timeframes that have been approved by the competent authority;
- A copy of comments submitted directly to the competent authority must be served on the Proponent or EAP; and
- Any direct business, financial, personal or other interest that they might have in the approval or refusal of the application must be disclosed.



## REGISTRATION AND COMMENTS SHEET

### Robben Island Wastewater Treatment Works Department of Forestry, Fisheries and the Environment

To register as a stakeholder and to ensure all comments and queries regarding this project are accurately documented and addressed please forward your comments and contact details with the attached response sheet to:

**Attention: Public Participation Office**

**WSP Group Africa (Pty) Ltd**

**Address:** The Pavilion, 1<sup>st</sup> Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town, 8001 South Africa

**Tel:** +27 11 361 1380

**Direct:** +27 11 254 4800

**Email:** gld.pp@wsp.com

**Please insert your personal details below:**

**Name:**

**Title:**

**Organisation & Designation:**

**Address:**

**Tel:**

**WhatsApp No (if different):**

**E-mail:**

**I would like to receive my notifications  
by: (please tick the appropriate box)**

Letter (mail)

E-mail

SMS/WhatsApp

Telephone

**As required in terms of GNR 326 (EIA process regulations) please disclose below any direct business, financial, personal, or other interest that you may have in the granting or rejection of the application for environmental authorisation:**

**Please list your project-related comments below:**

**Please list your project-related concerns/grievances below:**

\_\_\_\_\_  
STAKEHOLDER SIGNATURE

\_\_\_\_\_  
DATE

## APPENDIX

# ***B-3*** *ADVERTISEMENT*

# BASIC ASSESSMENT PROCESS: NOTICE OF THE PROPOSED DEVELOPMENT OF THE ROBBEN ISLAND WASTEWATER TREATMENT PLANT, TABLE BAY, WESTERN CAPE PROVINCE

Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for an integrated environmental authorisation (IEA) in respect of activities identified in terms of GNR 327 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended) (EIA Regulations) as well as activities identified in terms of GNR 921 of the National Environmental Management Waste Act (No. 59 of 2008) (NEMWA)

## BACKGROUND AND LOCATION

This is a repeat application for an Environmental Authorisation that has expired (Ref: 14/12/16/3/3/3/83).

There is currently no formal wastewater treatment works (WWTW) on Robben Island. All sewage is pumped by six pump stations to a collection sump near Robert Sobukwe's former residence, where it is macerated and pumped along the outfall sewer pipeline to discharge through the existing offshore diffuser.

The proponent, Robben Island Museum (RIM), therefore proposes to construct a Wastewater Treatment Plant with a daily throughput capacity of 300m<sup>3</sup> per day on the eastern side of Robben Island in Table Bay. Treated effluent will gravitate to the existing sewage collector sump at the proposed WWTW site from where it will be pumped along the existing outfall sewer pipeline to discharge through a diffuser 465 m offshore. The project site is bounded to the northeast by Murray's Bay beach (50 m), to the north by the Dog Unit (Robert Sobukwe House) (30 m), to the west by Murray's Road (80 m) and to the south by the Robben Island village (500 m).

An Environmental Authorisation (EA) was secured for the proposed wastewater treatment infrastructure in 2015 (Ref: 14/12/16/3/3/3/83). The WWTW authorised in the EA was for a treatment capacity of 108,000 m<sup>3</sup> per annum with all the effluent generated on the Island discharged via a marine outfall into the coastal environment after treatment. The design allowed for a maximum discharge volume of 300m<sup>3</sup> per day. This EA has since lapsed, and RIM now require a new EA.

## INTEGRATED ENVIRONMENTAL APPLICATION

The following listed activities are triggered in respect of the proposed WWTW and an Integrated Environmental Authorisation and Waste Management Licence will therefore be required:

- **GNR 327 (Listing Notice 1): Activities 15, 17 and 19A**
- **GNR 921: Category A Item 1 – Storage of Waste**

A Basic Assessment (BA) process will therefore be followed as outlined in Regulation 19 of the EIA Regulations (2014, as amended). The Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority in respect of this application for Integrated Environmental Authorisation.

## DRAFT BA REPORT REVIEW PERIOD

The Draft BA Report will be made available as below for review and comment for 30 days from **28 July 2022 – 29 August 2022**:

- Robben Island Museum website: [www. https://www.robben-island.org.za/news#publications](http://www.https://www.robben-island.org.za/news#publications)
- WSP Website: <https://www.wsp.com/en-ZA/services/public-documents>

## INVITATION TO REGISTER

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.

### Attention: Public Participation Office

WSP Group Africa (Pty) Ltd

(T) +27 11 254 4800

(F) +27 86 582 1561

(A) PO Box 2613, Cape Town, 8000

(E) [gld.pp@wsp.com](mailto:gld.pp@wsp.com)



# BASIESE ASSESSERINGSPROSES: KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE ROBBENEILAND-WATERVERWERKINGSAANLEG, TAFELBAAI, PROVINSIE VAN DIE WES-KAAP

Kennisgewing geskied in terme van Regulasie 41(2) van GNR 326 (07 April 2017) gepubliseer onder seksie 24 en 24D van die Nasionale Omgewingsbestuursakte (Nr. 107 van 1998) (soos gewysig) vir 'n aansoekproses vir 'n geïntegreerde omgewingsbemaatiging (IEA) met betrekking tot aktiwiteite geïdentifiseer in terme van GNR 327 van die 2014 Omgewingsimpakassessering (EIA) Regulasies (soos gewysig) (EIA Regulasies) asook aktiwiteite geïdentifiseer in terme van GNR 921 van die Nasionale Omgewingsbeheer-Vullisakte (Nr. 59 van 2008) (NEMWA)

## AGTERGROND EN LIGGING

Hierdie is 'n herhalingsaansoek vir 'n Omgewingsassessering wat verstryk het (Ref: 14/12/16/3/3/83).

Daar bestaan tans geen amptelike en formele waterverwerkingsaanleg (WVA) op Robbeneiland nie. Alle riool word deur ses pompstasies gelei na 'n opgaardam naby Robert Sobukwe se voormalige woning, waar dit ná 'n deurwekingsproses deur 'n rioolafvalpylpyn deur 'n bestaande kusverspreider uitgestort word.

Die aansoeker, Robbeneiland Museum (REM), stel gevolglik voor om 'n Rioolwaterverwerkingsaanleg met 'n deurlopende daaglikse kapasiteit van 300 m<sup>3</sup> aan die oostekant van Robbeneiland op te rig. Behandelde afloop sal graviteer na die bestaande rioolopgaardam by die voorgestelde WVA-terrein van waar dit deur die bestaande afloop-pypyn gepomp en deur 'n verspreider 465 m van die land af uitgelaat sal word. Die projek-terrein grens in die noordooste aan Murray se baai (50 m), in die noorde aan die Honde Eenheid (Robert Sobukwe-huis) (30 m), aan die westekant aan die Murray-pad (80 m) en in die suide aan die Robbeneiland-dorpie (500 m).

Omgewingsmagtiging (OM) is verkry vir die voorgestelde waterverwerking-infrastruktuur in 2015 (Ref: 14/12/16/3/3/83). Die bestaande WVA, goedgekeur in bogenoemde OM, was vir 'n behandelingskapasiteit van 108,000 m<sup>3</sup> per jaar, met alle afloop wat op die eiland genereer word versprei deur 'n uitloop aan die kus in die marine-omgewing ná behandeling. Die ontwerp laat vir 'n maksimum verspreidingsvolume van 300 m<sup>3</sup> per dag toe. Die OM het intussen verval en die Museum benodig nou 'n nuwe OM.

## GEINTEGREERDE OMGEWINGSAANSOEK

Die volgende gelyste aktiwiteite word geraak deur die voorgestelde WVA en 'n Geïntegreerde Omgewingsmagtiging en Afvalbeheerslisensie sal dus benodig word:

- **GNR 327 (Noteringskennisgewing 1): Aktiwiteite 15, 17 en 19A**
- **GNR 921: Kategorie A Item 1 – Storing van Rioolafval**

'n Basiese Assessering (BA)-proses sal dienooreenkomstig gevolg word, soos uitgelê in Regulasie 19 van die EIA Regulasies (2014, soos gewysig). Die departement van landbou, visserye en omgewingsake is die bevoegde owerheid in hierdie aansoek vir Geïntegreerde Omgewingsmagtiging.

## KONSEP BA-VERSLAG HERSIENINGSPERIODE

Die konsep BA-Verslag sal beskikbaar gemaak word vir hersiening en kommentaar vir 30 dae van 28 Julie 2022 tot 29 Augustus 2022 by:

- **Robbeneiland Museum webtuiste: [www. https://www.robber-island.org.za/news#publications](http://www.https://www.robber-island.org.za/news#publications)**
- **WSP webtuiste: [https://www.wsp.com/en-ZA/services/public-documents](http://www.https://www.wsp.com/en-ZA/services/public-documents)**

## UITNODIGING OM TE REGISTREER

WSP Group Africa (Pty) Ltd (WSP) is aangestel as die onafhanklike en gevoeglik gekwalifiseerde EAP (Werknemer-Bystandsprogram) om die BA-proses te behartig. Partye wat amptelik wil registreer om as belanghebbende en geaffekteerde partye meer inligting te ontvang en/of hul kommentaar oor die voorgestelde projek wil indien, word versoek om hul volle besonderhede aan die EAP te verskaf, asook om hul direkte sake-, finansiële, persoonlike en ander belange in die projek te verklaar. Enige kommentaar oor die voorgestelde projek kan aan die EAP met gebruik van die kontakbesonderhede hieronder verskaf word. Geregistreerde belanghebbende en geaffekteerde partye sal alle toekomstige korrespondensie wat verband hou met die projek ontvang en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

Attention: Public Participation Office

WSP Group Africa (Pty) Ltd

(T) +27 11 254 4800

(F) +27 86 582 1561

(A) PO Box 2613, Cape Town, 8000

(E) [gld.pp@wsp.com](mailto:gld.pp@wsp.com)





## APPENDIX

# ***B-4*** *SITE NOTICES*

# BASIC ASSESSMENT PROCESS: INTEGRATED ENVIRONMENTAL AUTHORISATION AND WASTE MANAGEMENT LICENCE

## NOTICE OF THE PROPOSED DEVELOPMENT OF THE ROBBERN ISLAND WASTEWATER TREATMENT PLANT, TABLE BAY, WESTERN CAPE

Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for an integrated environmental authorisation (IEA) in respect of activities identified in terms of GNR 327 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended) (EIA Regulations) as well as activities identified in terms of GNR 921 of the National Environmental Management Waste Act (No. 59 of 2008) (NEMWA)

### BACKGROUND AND LOCATION

There is currently no formal wastewater treatment works (WWTW) on Robben Island. All sewage is pumped by six pump stations to a collection sump near Robert Sobukwe's former residence, where it is macerated and pumped along the outfall sewer pipeline to discharge through the existing offshore diffuser.

The proponent, Robben Island Museum (RIM), therefore proposes to construct a Wastewater Treatment Plant with a daily throughput capacity of 300m<sup>3</sup> per day on the eastern side of Robben Island in Table Bay. Treated effluent will gravitate to the existing sewage collector sump at the proposed WWTW site from where it will be pumped along the existing outfall sewer pipeline to discharge through a diffuser 465m offshore. The project site is bounded to the northeast by Murray's Bay beach (50m), to the north by the Dog Unit (30m), to the west by Murray's Road (80m) and to the south by the Robben Island village (500m).

An Environmental Authorisation (EA) was secured for the proposed wastewater treatment infrastructure in 2015 (Ref: 14/12/16/3/3/3/83). The WWTW authorised in the EA was for a treatment capacity of 108,000 m<sup>3</sup> per annum with all the effluent generated on the Island discharged via a marine outfall into the coastal environment after treatment. The design allowed for a maximum discharge volume of 300m<sup>3</sup> per day. This EA has since lapsed, and RIM now require a new EA.



### NATURE OF APPLICATION

The following listed activities are triggered in respect of the proposed WWTW and an Integrated Environmental Authorisation and Waste Management Licence will therefore be required:

- **GNR 327 (Listing Notice 1): Activities 15, 17 and 19A**
  - o **Activity 15:** The development of structures in the coastal public property where the development footprint is bigger than 50 square metres.
  - o **Activity 17:** Development - (iii) within the littoral active zone; (v) if no development setback exists, within a distance of 100 metres in land of the high-water mark of the sea or an estuary, whichever is greater; in respect of - (e) infrastructure with a development footprint of 50 square metres or more –
  - o **Activity 19A:** The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from – (i) the seashore; (ii) 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;
- **GNR 921: Category A – Storage of Waste**
  - o **Item (1):** The storage of general waste in lagoons.

A Basic Assessment (BA) process will therefore be followed as outlined in Regulation 19 of the EIA Regulations (2014, as amended). The Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority in respect of this application for Integrated Environmental Authorisation.

### REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.

Any person wishing to make comments with regards to the above applications may submit their comments in writing either via post, fax or email to:

**Name: Jennifer Green | Tel: (021) 481 8639 | Fax: (021) 481 8799 |  
E-mail: Jennifer.Green@wsp.com | Address: PO Box 2613, Cape Town, 8000**



# BASIESE ASSESSERINGSPROSES: GEÏNTEGREERDE OMGEWINGSMAGTIGING EN AFVALBESTUURSLISENSIE

## KENNISGEWING VAN DIE VOORGENOME ONTWIKKELING VAN DIE ROBBEN-EILAND AFVALWATERBEHANDELINGSAAANLEG, TAFELBAAI, WES-KAAP PROVINSIE

Kennis geskied hiermee ingevolge regulasie 41(2) van GNR 326 (07 April 2017) gepubliseer ingevolge artikel 24 en 24DE van die Wet op Nasionale Omgewingsbestuur (nr. 107 van 1998) (NEMA)(soos gewysig) vir die aansoekproses vir 'n geïntegreerde omgewingsmagtiging (IEA) met betrekking tot aktiwiteite geïdentifiseer ingevolge GNR 327 van die 2014 Omgewingsimpakassessering (EIA) regulasies (soos gewysig)(EIA-regulasies) as ook aktiwiteite geïdentifiseer ingevolge GNR 921 van die Wet op Nasionaleomgewingsafvalbestuur (nr. 59 van 2008)(NEMWA)

### AGTERGROND EN LIGGING

Daar is tans geen formele afvalwaterbehandelingsaanleg (WWTW) op Robben-eiland nie. Alle riool word deur ses pompstasies na 'n versamelingopgaartenk gepomp naby Robert Sobukwe se voormalige huis waar dit masereer en gepomp word langs die riooluitvalpyplyn om uitgepomp te word deur die bestaande afluende verspreier.

Die proponent, Robben Island Museum (RIM) is dus van voorneme om 'n afvalwaterbehandelingsaanleg op te rig met 'n daaglikse deursitvermoë van 300m<sup>3</sup> per dag op die oostelike kant van Robben-eiland in Tafelbaai. Behandelde rioolwater sal na die bestaande rioolopgaartenk by die voorgenome WWTW-terrein vanwaar dit gepomp sal word langs die bestaande riooluitvalpyplyn om uit te loop deur 'n verspreider 465m afluend. Die projekterrein word gegrens in die noord-ooste deur Murray's Baystrand (50m), in die noorde deur die "Dog Unit" (30m), in die weste deur Murraysweg (80m) en in die suide deur die Robben-eilanddorp (500m).

'n Omgewingsbemaatiging (EA) is in 2015 (Verw. 14/12/16/3/3/3/83) verkry vir die voorgenome afvalwaterbehandelingsinfrastruktuur. Die WWTW goedgekeur in die EA was vir 'n behandelingskapasiteit van 108,000 m<sup>3</sup> per jaar met al die rioolwater op die eiland gegeneer ontlaaï ná behandeling via 'n marieneuitval in die kusomgewing. Die ontwerp het 'n maksimum ontladingsvolume van 300m<sup>3</sup> per dag toegelaat. Hierdie EA het sedertien verval en RIM benodig nou 'n nuwe EA.



### GEÏNTEGREERDE OMGEWINGSAANSOEK

Die volgende gelysde aktiwiteite word opgeroep met betrekking tot die voorgenome WWTW en 'n geïntegreerde Omgewingsmagtiging- en Afvalbestuurslisensie word dus benodig:

- **GNR 327 (Lyskennisgewing 1): Aktiwiteite 15, 17 en 19A**
  - o **Aktiwiteit 15:** Die ontwikkeling van strukture in die openbare kuseiendom waar die ontwikkelingsvoetspoor groter as 50 vierkante meter is.
  - o **Aktiwiteit 17:** Ontwikkeling - (iii) binne die aktiewe strandsonne; (v) as daar geen terugsetlyn is nie, binne 'n afstand van 100 meter binneland van die hoogwatermerk van die see of 'n riviermonding, watter aftsand ook al die grootste is; ten opsigte van - (e) infrastruktuur met 'n ontwikkelingsvoetspoor van 50 vierkante meter of meer -
  - o **Aktiwiteit 19A:** Die invulling of storting van materiaal van meer as 5 kubieke meter in, of die baggerwerk, uitgraving, verwydering of verskuiwing van grond, sand, skulpe, skulpkorrels, klippies of rots van meer as 5 kubieke meter vanaf - (i) die strand ; (ii) die aktiewe strandsonne, 'n riviermonding of 'n afstand van 100 meter binneland van die hoogwatermerk van die see of 'n riviermonding, watter aftsand ook al die grootste is;
- **GNR 921: Afvalbestuur Aktiwiteite Kategorie A- Afvalstoor**
  - o **Item (1):** Die berging van algemene afval in strandmere.

'n Basiese assessering (BA) proses sal dus gevolg word soos uiteengesit in regulasie 19 van die EIA-regulasies (2014, soos gewysig). Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die bevoegde owerheid ten opsigte van hierdie aansoek om omgewingsmagtiging.

### REGISTRASIE

WSP Group Africa (Edms) Bpk (WSP) is aangestel as die onafhanklike en toepaslik gekwalifiseerde EAP om die BA-proses te bestuur en te onderneem. Partye wat formeel wil registreer as belanghebbende en geaffekteerde partye ten einde meer inligting te ontvang en/of hulle kommentaar oor die voorgestelde projek te lewer, word versoek om hulle volledige kontakbesonderhede aan die EAP te stuur en hulle direkte sake, finansiële, persoonlike inligting of ander belangstelling in die projek bekend te maak. Enige kommentaar op die voorgestelde projek kan aan die EAP voorgelê word deur met behulp van die besonderhede hier onder uiteengesit. Geregistreerde belanghebbende en geaffekteerde partye sal van alle toekomstige projekverwante korrespondensie voorsien word en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

Registreer asseblief as 'n belanghebbende en geaffekteerde party by die EAP (besonderhede hier onder) om meer inligting te ontvang. Enige kommentaar op die voorgenome projek kan by die EAP ingedien word via die besonderhede hieronder aangedui.

**Naam: Jennifer Green | Tel: (021) 481 8639 | Faks: (021) 481 8799 |**  
**E -pos: Jennifer.Green@wsp.com | Adres: Posbus 2613, Kaapstad, 8000**



# APPENDIX

## C MEETINGS



## APPENDIX

# ***C-1 DFFE PRE- APPLICATION MEETING CORRESPONDENCE***

## Green, Jennifer

---

**From:** Constance Musemburi <CMusemburi@dffe.gov.za>  
**Sent:** Friday, 11 March 2022 09:20  
**To:** Green, Jennifer  
**Cc:** Lerato Mokoena; Wayne Hector; Seithati Dutywa; Vusimuzi Bila; Linda Penicela; Fincham, Jacqui  
**Subject:** RE: 2021-08-0011: Request for additional information

Dear Jennifer

The abovementioned and your email below refers

Please note that the Department is of the opinion that the design changes and additional specialist studies will not require an additional pre-application meeting. The additional information must be included in the application form and the relevant reports. It is further noted that the approved Public Participation Plan remains relevant to the Project and will be applied accordingly.

Upon submission of the application, please be specific in Section 1 of the application form on the reason(s) in terms of S24C of NEMA: why this Department is the competent authority for the proposed development.

Regards

**Constance Musemburi**  
**Directorate: Priority Infrastructure Projects**  
**Tel: 012 399 9416**  
**Cell: 072 778 5905**  
**Email: [cmusemburi@environment.gov.za](mailto:cmusemburi@environment.gov.za)**



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

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**From:** Green, Jennifer [mailto:[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)]  
**Sent:** 09 March 2022 11:49 AM  
**To:** Constance Musemburi <CMusemburi@dffe.gov.za>  
**Cc:** Lerato Mokoena <LMOKOENA@dffe.gov.za>; Wayne Hector <WHECTOR@dffe.gov.za>; Seithati Dutywa <SeithatiB@robben-island.org.za>; Vusimuzi Bila <VusimuziB@robben-island.org.za>; Linda Penicela <LindaP@robben-island.org.za>; Fincham, Jacqui <Jacqui.Fincham@wsp.com>  
**Subject:** RE: 2021-08-0011: Request for additional information

Dear Constance,

With regards to the proposed Wastewater Treatment Works on Robben Island, the initial pre-application meeting request submitted on 17 August 2021 highlighted only two key design changes from the 2015 application to the current application, namely a decrease in throughput capacity (from 300m<sup>3</sup> to 200m<sup>3</sup> a day) and the elimination of phosphate removal in the WWTW process.

However, it was recently determined that the new design will be largely uncovered (with the exception of a few sections), whereas the previous design was completely enclosed and submerged. The proposed design changes will

therefore introduce new potential impacts in relation to odour and visual. RIM has subsequently commissioned a Visual Impact Assessment and Odour Risk Assessment to for part of the BA Process.

Please could you confirm if we should arrange a pre-application meeting in light of these design changes and additional specialist studies?

The approved Public Participation Plan remains relevant to the Project and will be applied accordingly.

Kind regards,

**Jennifer Green**

Consultant  
WSP in Africa

T +27 21 481 8639  
F +27 21 481 8799  
M +27 72 633 4880

---

**From:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>

**Sent:** Tuesday, 28 September 2021 10:15

**To:** Fincham, Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Green, Jennifer <[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)>

**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>

**Subject:** RE: 2021-08-0011: Request for additional information

Dear Jacqui

Received. Thank you.

Regards

**Constance Musemburi**

**Directorate: Priority Infrastructure Projects**

**Tel: 012 399 9416**

**Cell: 072 778 5905**

**Email: [cmusemburi@environment.gov.za](mailto:cmusemburi@environment.gov.za)**



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& the environment**

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Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

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**From:** Fincham, Jacqui [<mailto:Jacqui.Fincham@wsp.com>]

**Sent:** 27 September 2021 04:51 PM

**To:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>; Green, Jennifer <[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)>

**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>

**Subject:** RE: 2021-08-0011: Request for additional information

Good Afternoon Constance,

Thank you for your email.



Further to your request, I have updated the proposed Public Participation Plan for the Robben Island WWTW Project (with red text) and hereby request your comment or approval on the updated plan as attached.

Kindest Regards

**Jacqui Fincham** Pr Sci Nat  
Director  
WSP in Africa

T +27 21 481 8795  
F +27 21 481 8799  
M +27 82 541 5038

---

**From:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>  
**Sent:** Friday, 24 September 2021 12:45  
**To:** Green, Jennifer <[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)>  
**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Fincham, Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>  
**Subject:** RE: 2021-08-0011: Request for additional information

Dear Jennifer

The abovementioned application and your PP Plan refers

Although the traditional means and opportunities available for the undertaking of public participation are addressed in the PP plan, the alternative online means of undertaking consultation, as per the Covid 19 Directives, have not been fully covered. The online stakeholder engagement platform considers the limitations applied by the Covid 19 prohibiting the gathering of people, as well as limitations which certain I&APs may have in terms of access to computers and internet as well as access to public spaces not open for operation or which have restricted access.

Please provide additional online tools that are available to I&APs and stakeholders who might have limited access to computers and internet (tools such as sms, WhatsApp, radio, online meetings, *amongst others*) to access project for each phase of the project.

You are required to submit an amended PP Plan to reflect the above.

Regards

**Constance Musemburi**  
**Directorate: Priority Infrastructure Projects**  
**Tel: 012 399 9416**  
**Cell: 072 778 5905**  
**Email: [cmusemburi@environment.gov.za](mailto:cmusemburi@environment.gov.za)**



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& the environment**

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**From:** Green, Jennifer [<mailto:Jennifer.Green@wsp.com>]  
**Sent:** 23 September 2021 09:44 PM  
**To:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>  
**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Fincham,



Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>

**Subject:** RE: 2021-08-0011

Dear Constance,

Following my e-mail below, please could you confirm that the PPP Plan provided to the Department is acceptable.

Kind regards,

**Jennifer Green**

Consultant  
WSP in Africa

T +27 21 481 8639

F +27 21 481 8799

M +27 72 633 4880

---

**From:** Green, Jennifer

**Sent:** Thursday, 09 September 2021 22:13

**To:** 'Constance Musemburi' <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>

**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Fincham, Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>

**Subject:** RE: 2021-08-0011

Dear Constance,

Thank you so much for confirming that DFFE will be the Competent Authority in respect of the application.

Please could you confirm that Public Participation for the project can be undertaken in accordance with the attached PPP Plan?

I can confirm that the latest form for the Application for an Integrated Environmental Authorisation on the DFFE website (as provided below) is dated June 2015.

Kind regards,

**Jennifer Green**

Consultant  
WSP in Africa

T +27 21 481 8639

F +27 21 481 8799

M +27 72 633 4880

---

**From:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>

**Sent:** Monday, 06 September 2021 11:13

**To:** Green, Jennifer <[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)>

**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Fincham, Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>

**Subject:** RE: 2021-08-0011

Dear Jennifer

Your email below refer

The Competent Authority for this application is DFFE, given that Robben Island is a National Heritage Site and Robben Island Museum is a State-owned Company and that Category A Activity 1 "The Storage of general waste in

lagoons” of GN 921 is also triggered and a Waste Management Licence is required in terms of NEMWA. Please note that an IPS application will be applicable.

Please note that there is no Basic Assessment Report template. You are further informed that all our application templates have also been amended and updated, and you must use the latest templates, which can be found on our website: <https://www.environment.gov.za/documents/forms>.

Regards

**Constance Musemburi**  
**Directorate: Priority Infrastructure Projects**  
**Tel: 012 399 9416**  
**Cell: 072 778 5905**  
**Email: [cmusemburi@environment.gov.za](mailto:cmusemburi@environment.gov.za)**



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Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

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**From:** Green, Jennifer [<mailto:Jennifer.Green@wsp.com>]

**Sent:** 01 September 2021 11:50 AM

**To:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>

**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Ephron Maradwa <[EMaradwa@environment.gov.za](mailto:EMaradwa@environment.gov.za)>; Fincham, Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>

**Subject:** RE: 2021-08-0011

Dear Constance,

Thank you so much for the confirmation below that a pre-application meeting is not required.

Please find attached the Draft Public Participation Plan for the project for your review and approval.

We require confirmation on the Competent Authority for this application. Given that Robben Island is a National Heritage Site and Robben Island Museum is a State-owned Company, DFFE is the Competent Authority for the Environmental Authorisation application in terms of NEMA. However, Category A Activity 1 “The Storage of general waste in lagoons” of GN 921 is also triggered and a Waste Management Licence is therefore required in terms of NEMWA. In this instance, the MEC is the Competent Authority as the listed activity pertains to general waste (and not hazardous waste). Is DFFE the Competent Authority for the Integrated Environmental Authorisation?

Please could you confirm if there is a Basic Assessment Report template that must be used? Please could you also confirm that the DFFE Integrated Environmental Authorisation application template dated June 2015 is the current form to be used?

Kind regards,

**Jennifer Green**  
Consultant  
WSP in Africa

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F +27 21 481 8799  
M +27 72 633 4880

---

**From:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>  
**Sent:** Tuesday, 24 August 2021 13:41  
**To:** Green, Jennifer <[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)>  
**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>; Ephron Maradwa <[EMaradwa@environment.gov.za](mailto:EMaradwa@environment.gov.za)>  
**Subject:** RE: 2021-08-0011

Dear Jennifer

The abovementioned pre-application meeting request and our telephonic conversation earlier today refers;

As per our telephonic conversation, the Department deems that a pre-application meeting is not required at this stage given the proposed agenda points, and that the Department cannot confirm specialist studies to be undertaken and listed activities given the limited information. The onus is on the EAP to apply their mind to the applicable listed activities and specialist studies.

You are required to submit the public participation plan (directly to this email) for further consideration.

You are also required to confirm the applicability of NEMWA listed activities. You may contact Lucas Mahlangu on [LMahlangu@environment.gov.za](mailto:LMahlangu@environment.gov.za) and/or [licensing@environment.gov.za](mailto:licensing@environment.gov.za) for this confirmation.

Do not hesitate to contact me should you require further clarity.

Regards

**Constance Musemburi**  
**Directorate: Priority Infrastructure Projects**  
**Tel: 012 399 9416**  
**Cell: 072 778 5905**  
**Email: [cmusemburi@environment.gov.za](mailto:cmusemburi@environment.gov.za)**



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

---

**From:** Constance Musemburi  
**Sent:** 20 August 2021 01:58 PM  
**To:** [Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)  
**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>  
**Subject:** RE: 2021-08-0011

Dear Jennifer

This serves as acknowledgement of receipt of your meeting request. I will get back to you in due course.

Regards

**Constance Musemburi**  
**Directorate: Priority Infrastructure Projects**  
**Tel: 012 399 9416**  
**Cell: 072 778 5905**  
**Email: [cmusemburi@environment.gov.za](mailto:cmusemburi@environment.gov.za)**



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**From:** EIA Applications [<mailto:EIAApplications@environment.gov.za>]  
**Sent:** 18 August 2021 01:18 PM  
**To:** Constance Musemburi <[CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)>  
**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>; Wayne Hector <[WHector@environment.gov.za](mailto:WHector@environment.gov.za)>;  
[Jennifer.Green@wsp.com](mailto:Jennifer.Green@wsp.com)  
**Subject:** 2021-08-0011

Dear Constance.

Please note that you have been allocated an application:

**Type of Application:** Pre-Application Meeting Request;  
**Reference Number:** 2021-08-0011;  
**Date Received:** 17/08/2021;  
**Action Required:** Decide on meeting request.

Kindly let Ephron know which date the meeting is to be held, if it will be set.

\*EAP/Applicant: please use this reference number when submitting the application for EA/amendment application (page 1 of the application form), as well as attach the approved PP Plan if the application requires a PP process.

### EIA Applications

Integrated Environmental Authorisations  
Department of Forestry, Fisheries and the Environment

**Please note that this email is for the receipt and processing of online applications only, and is not monitored for responses. All queries must be directed to [EIAAdmin@environment.gov.za](mailto:EIAAdmin@environment.gov.za).**

**You are advised that this mailbox has a 48 hour response time.**

*Please note that this mailbox has a 5mb mail limit. No zip files are to be attached in any email*

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**From:** Green, Jennifer [<mailto:Jennifer.Green@wsp.com>]  
**Sent:** Tuesday, August 17, 2021 1:32 PM  
**To:** EIA Applications <[EIAApplications@environment.gov.za](mailto:EIAApplications@environment.gov.za)>  
**Cc:** Fincham, Jacqui <[Jacqui.Fincham@wsp.com](mailto:Jacqui.Fincham@wsp.com)>; Seithati Dutywa <[SeithatiB@robben-island.org.za](mailto:SeithatiB@robben-island.org.za)>; Vusimuzi Bila <[VusimuziB@robben-island.org.za](mailto:VusimuziB@robben-island.org.za)>; Linda Penicela <[LindaP@robben-island.org.za](mailto:LindaP@robben-island.org.za)>  
**Subject:** For Attention: Chief Director: Integrated Environmental Authorisations - Pre-application meeting request - Sol Invictus Powerline BAR

**For Attention: Chief Director: Integrated Environmental Authorisations**

Dear Sir,

Please find attached a pre-application meeting request for the proposed Robben Island Wastewater Treatment Plant BA Process.

Please could you confirm a suitable date and time at your earliest convenience for us to meet to discuss the project.

We look forward to hearing from you.

Kind regards,



**Jennifer Green**

Consultant

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WSP in Africa  
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-LAEmHhHzdJzBITWfa4Hgs7pbKI

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**Constance Musemburi**

**Specialised Production Environmental Officer**

T: 0123999416 | C:

E: [CMusemburi@environment.gov.za](mailto:CMusemburi@environment.gov.za)

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A:



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