

Resilient Environmental Solutions cc
P. O. Box 90709, Windhoek
76 Dr Frans Indongo St, Windhoek West

7 May 2020

Executive Director
The Ministry of Health and Social Services
Windhoek

E.D.
Received
07 MAY 2020
Sophie
2032019

Dear Sir

RE: Application for Environmental Clearance Certificate:

Proposed establishment of STERILWAVE apparatus for treatment of Health Care Waste at MediClinic Hospital, Windhoek

Resilient Environmental Solutions cc has been appointed by MediClinic Windhoek (Pty) Ltd to apply for an Environmental Clearance Certificate for the proposed installation and operation of STERILWAVE (microwave) apparatus for treatment of Health Care Waste at the MediClinic Hospital in Windhoek.

The Ministry of Health and Social Services (MoHSS) is the Competent Authority for health care waste management. This hard copy application is therefore submitted to this Ministry, for approval and then forwarding to the Environmental Commissioner, Ministry of Environment, Forestry and Tourism.

We believe that the installation and operation of the STERILWAVE apparatus carries negligible social and environmental risks, as its use internationally has been shown to be microbiologically completely safe. This includes safety for complete disinfection of COVID-19 contaminated waste. The report attached provides documentation that testifies to this, and there is an EMP that follows the recommendations by Namibia's MoHSS to ensure its safe use.

We therefore request that the proposed development can be exempted from the full Environmental Assessment procedure. No more information or value will be added by further environmental assessment, and the attached EMP stipulates strict monitoring of the operations, so that the claims made by the manufacturers and other references can be verified.

Please do not hesitate to contact us if further information is required.

Yours sincerely,



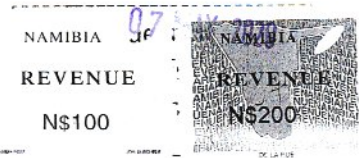
Sheldon Husselmann
Environmental Assessment Practitioner
Resilient Environmental Solutions CC

John Pallett (M: 081 240 2528, email: jpallett@afol.com.na)
Sheldon Husselmann (M: 081 780 2020, email: shusselmann@gmail.com)

**REPUBLIC OF NAMIBIA ENVIRONMENTAL
MANAGEMENT ACT, 2007 (Section 32)**

APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE

E.D
Received



PART A: DETAILS OF APPLICANT

Applicant Information:	Consultant Information:
<u>1. Name: (person or business)</u> MediClinic Windhoek (Pty) Ltd	<u>1. Name: (person or business):</u> Resilient Environmental Solutions cc
<u>2. Business Registration / Identity No.</u> CY/1995/0494	<u>2. Business Registration / Identity No.</u> CC/2018/05415
<u>3. Correspondence Address:</u> PO Box 9819 Windhoek Erf 33-37 Heliodoor St, Eros Windhoek	<u>3. Correspondence Address:</u> P. O. Box 90709, Windhoek 76 Dr Frans Indongo St, Windhoek West
<u>4. Name of Contact Person:</u> Koos Jacobs	<u>4. Name of Contact Person:</u> John Pallett
<u>5. Position of Contact Person:</u> Technical Manager	<u>5. Position of Contact Person:</u> Environmental Assessment Practitioner
<u>6. Telephone Number:</u> T +264 61 433 1010	<u>6. Telephone No.:</u> +264 81 2402528
<u>7. Fax Number:</u> +264 61 220 027	<u>7. Fax:</u> +264 61 220579
<u>8. E-mail Address:</u> koos.jacobs@mediclinic.co.za	<u>8. E-mail Address:</u> jpallett@afol.om.na

PART B: SCOPE OF THE ENVIRONMENTAL CLEARANCE CERTIFICATE

1. The environmental clearance certificate is for:

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

2.3 The import, processing, use and recycling, temporary storage, transit or export of waste.

2. Details of the activity(s) covered by the environmental clearance certificate:

2.1 Title of Activity:

Proposed establishment of STERILWAVE apparatus for treatment of Health Care Waste MediClinic Hospital, Windhoek.

2.2 Location of Activity:

MediClinic Hospital, Erf 33-37 Heliodoor St, Eros Windhoek

2.3 Nature of Activity:

Installation and operation of the STERILWAVE medical waste management system, for integrated grinding and sterilization of medical waste by microwave treatment.

2.4 Scale and Scope of Activity:

MediClinic Hospital generates approximately 100 kg of health care waste, on average, per day. This comprises items such as personal protective equipment, contaminated dressings etc. Other more hazardous wastes (such as body tissues and cytotoxic pharmaceuticals) are separated and incinerated, and are not intended for treatment by the STERILWAVE apparatus. The waste will be loaded and treated at the on-site STERILWAVE apparatus. The output dry waste, reduced to about 15-20 % of its original volume, is pathologically safe and stable. It will be taken directly to landfill for disposal.

PART C: DECLARATION BY APPLICANT

I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand the environmental clearance certificate may be suspended, amended or cancelled if any information given above is false, misleading, wrong or incomplete.



Signature of Applicant

Sheldon Husselmann

Full name in Block Letters

Environmental Assessment Practitioner

Position

On behalf of MediClinic Windhoek (Pty) Ltd

Date: 7 May 2020