

RESPONSE RECEIVED:


Not read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
support <support@erongored.com.na>
Sent Tue 10/02/2026 2:39 pm
To

Your message

To: support
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was deleted without being read on Tuesday, February 10, 2026 2:39:28 PM (UTC+02:00) Harare, Pretoria.

Open Call Acknowledgement [Ticket #543011]

 Erongo Red Contact Center <support1@erongored.com.na>
To: carien@greenearthnamibia.com

[Reply](#) [Reply All](#) [Forward](#) [More](#)

Tue 10/02/2026 2:40 pm

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Help Desk
Open Call Acknowledgement Notification

Dear carien@greenearthnamibia.com,

Thank you for contacting Erongo Red Contact Center, your request has been received and will be actioned as soon as possible.

Please only reply to this email for matters directly relating to this issue, as all communications will be automatically recorded in our customer management system against the above call number. Please do not CC support1@erongored.com.na. All new requests should be directed to support@erongored.com.na.


Please note the details of your request are:

Call number: 543011

Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region

Erongo RED hereby invite you to rate our Call Centre service, kindly click on the link below, it will only take a few minutes of your time. Thank you.
<https://www.surveymonkey.com/r/HGZLQD6>

Kind Regards,

 Erongo Red Contact Center	
01, Hage Geingob Street P.O. Box 2925 Walvis Bay NAMIBIA	Tel: +264 (04) 2019880 Fax: +264(04) 200891 Toll free number: 90000 Email: support@erongored.com.na Website: www.erongored.com

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Chadwin Meyer <chadwin@dormac.net>
Sent Tue 10/02/2026 2:46 pm
To

Your message

To: Chadwin Meyer
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 10, 2026 2:44:36 PM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
John Pallett <john.pallett@saiea.com>
Sent Tue 10/02/2026 2:46 pm
To

Your message

To: Unknown
Subject:

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Brigitte Melani <bmelani@walvisbaycc.org.na>
Sent Tue 10/02/2026 2:49 pm
To

Your message

To: Brigitte Melani
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 2:47:37 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Elzevir W. Gelderbloem Pr. Eng. (Namport) <Elzevir@namport.com.na>
Sent Tue 10/02/2026 2:49 pm
To

Your message

To: Elzevir W. Gelderbloem Pr. Eng. (Namport)
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 2:49:06 PM (UTC+02:00) Windhoek.

Elzevir W. Gelderbloem Pr. Eng. (Namport) Executive: Port Engineering
Tel: [+264 64 208 2376](tel:+264642082376)
Fax: [+264 64 208 2333](tel:+264642082333)
Mobile: [+264 81 275 5214](tel:+264812755214)
Elzevir@namport.com.na
No.17, Rikumbi Kandanga Rd

P.O. Box 361 Walvis Bay

Namibia

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Jamie-Lee Lawrence <jlawrence@walvisbaycc.org.na>
Sent Tue 10/02/2026 2:49 pm
To

Your message

To: Jamie-Lee Lawrence
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, 10 February 2026 14:37:53 (UTC+02:00) Windhoek

was read on Tuesday, 10 February 2026 14:48:55 (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Devon R Simpkins <devon@dormac.net>
Sent Tue 10/02/2026 2:56 pm
To

Your message

To: Devon R Simpkins
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, 10 February 2026 14:37:53 (UTC+02:00) Harare, Pretoria

was read on Tuesday, 10 February 2026 14:55:29 (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Derek Sullivan <dereks@dormac.net>
Sent Tue 10/02/2026 2:59 pm
To

Your message

To: Derek Sullivan
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 12:37:53 PM (UTC) Coordinated Universal Time

was read on Tuesday, February 10, 2026 12:57:57 PM (UTC) Coordinated Universal Time.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Freddy Cloete <fclote@walvisbaycc.org.na>
Sent Tue 10/02/2026 3:01 pm
To

Your message

To: Freddy Cloete
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 3:00:55 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Johan Walters <johanw@dormac.net>
Sent Tue 10/02/2026 3:08 pm
To

Your message

To: Johan Walters
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 3:07:33 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Gabiella Hiiko <ghiiko@walvisbaycc.org.na>
Sent Tue 10/02/2026 3:10 pm
To

Your message

To: Gabiella Hiiko
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 3:09:10 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Athea Muller <amuller@walvisbaycc.org.na>
Sent Tue 10/02/2026 3:20 pm
To

Your message

To: Athea Muller
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 3:19:39 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Wieslaw Krzeminski <wieslawk@dormac.net>
Sent Tue 10/02/2026 3:20 pm
To

Your message

To: Wieslaw Krzeminski
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 10, 2026 3:19:19 PM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Krischka Nadia Stoffels <kstoffels@walvisbaycc.org.na>
Sent Tue 10/02/2026 3:30 pm
To

Your message

To: Krischka Nadia Stoffels
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Tuesday, February 10, 2026 3:29:23 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
David Uushona <duushona@walvisbaycc.org.na>
Sent Tue 10/02/2026 3:52 pm
To

Your message

To: David Uushona
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 10, 2026 3:51:33 PM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Gavin Coveney-Winter <gavinc@dormac.net>
Sent Tue 10/02/2026 5:09 pm
To

Your message

To: Gavin Coveney-Winter
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 10, 2026 5:08:35 PM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Toyer Abrahams <toyer@dormac.net>
Sent Tue 10/02/2026 7:49 pm
To

Your message

To: Toyer Abrahams
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 10, 2026 7:48:52 PM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Ashraf Ismail <Ashraf@dormac.net>
Sent Tue 10/02/2026 9:46 pm
To

Your message

To: Ashraf Ismail
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 10, 2026 9:45:43 PM (UTC+02:00) Harare, Pretoria.

Not read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Denver Arendse <Denver@dormac.net>
Sent Wed 11/02/2026 7:14 am
To

Your message

To: Denver Arendse
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was deleted without being read on Wednesday, February 11, 2026 7:14:04 AM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Kirsten Manasterny <kirsten@merlusseafood.com>
Sent Wed 11/02/2026 9:06 am
To

Your message

To: Kirsten Manasterny
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Wednesday, February 11, 2026 9:06:06 AM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Mapenzie Festus (Namport) <m.festus@namport.com.na>
Sent Wed 11/02/2026 9:50 am
To

Your message

To: Mapenzie Festus (Namport)
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Wednesday, February 11, 2026 9:49:55 AM (UTC+02:00) Windhoek.
Mapenzie Festus (Namport) Business Development Specialist

Tel: [+264 208 2225](tel:+2642082225)

Mobile: [+264 81 151 4555](tel:+264811514555)

m.festus@namport.com.na

No.17, Rikumbi Kandanga Rd

P.O. Box 361 Walvis Bay

Namibia

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Johannes Kaiyamo <jkaiyamo@walvisbaycc.org.na>
Sent Wed 11/02/2026 1:28 pm
To

Your message

To: Johannes Kaiyamo
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Wednesday, February 11, 2026 1:27:31 PM (UTC+02:00) Windhoek.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Ephraim Nambahu <enambahu@walvisbaycc.org.na>
Sent Wed 11/02/2026 1:42 pm
To

Your message

To: Ephraim Nambahu
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Windhoek

was read on Wednesday, February 11, 2026 1:41:56 PM (UTC+02:00) Windhoek.

From: Lucia Dula
Sent: Tuesday, 10 February 2026 17:41
To: Fine Kavendjaa
Subject: Fw: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region

Dear Fine,

Is the attached in your domain? Kindly facilitate transmission.

Kind regards,

Ms Lucia T. Dula
Private Secretary: Executive Director's Office (Water & Marine Resources)
Ministry of Agriculture, Fisheries, Water and Land Reform
Cnr Dr Kenneth Kaunda & Goethe Streets
Brendan Simbwaye Square Block C
Tel: +264 61 2053002
Cell: +264 81 1400 966

"Control of consciousness determines the quality of life"



From: Fine Kavendjaa
Sent: Wednesday, February 11, 2026 10:55 AM
To: Lucia Dula
Subject: Re: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region

Morning, yes it is and I forwarded it to the relevant person.

I thank you.

Fine



Dear Carien,

Your request is receiving attention, kindly follow up with my colleague copied in this email.
061 2053015

Kind regards,

*Ms Lucia T. Dula
Private Secretary: Executive Director's Office (Water & Marine Resources)
Ministry of Agriculture, Fisheries, Water and Land Reform
Cnr Dr Kenneth Kaunda & Goethe Streets
Brendan Simbwaye Square Block C
Tel: +264 61 2053002
Cell: +264 81 1400 966*

"Control of consciousness determines the quality of life"



Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Gunter Lempert <gunter@aquarius.com.na>
Sent Thu 12/02/2026 3:10 pm
To

Your message

To: Unknown
Subject:

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Trevor Ndjadila (Namport) <t.ndjadila@namport.com.na>
Sent: Fri 13/02/2026 11:39 am
To:

Your message

To: Trevor Ndjadila (Namport)
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Friday, February 13, 2026 11:38:45 AM (UTC+02:00) Harare, Pretoria.

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Dimari Van Rensburg <dimari@erongorc.gov.na>
Sent: Tue 17/02/2026 8:29 am
To:

Your message

To: Unknown
Subject:

Read: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Maria Naris <m.naris@namport.com.na>
Sent: Tue 17/02/2026 3:26 pm
To:

Your message

To: Maria Naris
Subject: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region
Sent: Tuesday, February 10, 2026 2:37:53 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, February 17, 2026 3:26:00 PM (UTC+02:00) Harare, Pretoria.

Maria Naris Customer Relationship Agent

Tel: [+264 64\) 208 2369](tel:+264642082369)

Fax: [+264 208 2324](tel:+2642082324)

m.naris@namport.com.na

No.17, Rikumbi Kandanga Rd

P.O. Box 361 Walvis Bay

Namibia

From: Vanessa Stein <Vanessa.Stein@mefl.gov.na>
Sent: Friday, 30 January 2026 9:23 am
To: carien@greeneearthnamibia.com
Cc: Paulina Fendinat <Paulina.Fendinat@mefl.gov.na>
Subject: IAP registration

Dear Ms van der Walt

Hope this email finds you well. Kindly register the NBRI as an IAP for the following project:
Proposed construction and operation of a desalination plant on erf 4585, Walvis Bay, Erongo Region.

Please forward the necessary BID for review and feedback.

Thank you.

Kind regards,

Vanessa Stein
Forester
National Botanical Research Institute (NBRI)
Ministry of Environment, Forestry And Tourism
Windhoek
Namibia
Tel: +264-819528749
E-mail: Vanessa.Stein@mef.gov.na
webpage: www.nbri.org.na

From: Vanessa Stein <Vanessa.Stein@mef.gov.na>
Sent: Tuesday, 17 February 2026 3:18 pm
To: carien@greenearthnamibia.com; 'Charlie Du Toit' <charlie@greenearthnamibia.com>
Cc: Paulina Fendinat <Paulina.Fendinat@mef.gov.na>
Subject: Re: Background Information Document to construct and operate a seawater desalination plant on the Remainder of Erf 4585, Walvis Bay, Erongo Region

Dear Carien

Proposed Desalination Plant – Walvis Bay (Erf 4585) and Cumulative Effects with Green Hydrogen Developments

This submission provides a summary of key environmental concerns and risk factors associated with the proposed seawater desalination plant at Walvis Bay, as described in the Background Information Document (BID), and highlights additional cumulative risks when considered together with existing and planned green hydrogen and associated industrial developments in and around Walvis Bay. These issues are raised to support comprehensive assessment and mitigation within the Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) processes.

1. Marine Intake and Entrainment Impacts

Seawater abstraction from nearshore or jetty intake systems may result in the entrainment and impingement of plankton, fish larvae, eggs, and small invertebrates. Even where intake screening is proposed, the following risks remain:

- Ongoing mortality of early life stages of marine organisms
- Localised reduction in plankton density and food web effects
- Repeated disturbance at intake structures due to maintenance and biofouling control
- Additive impacts where multiple desalination and hydrogen-linked plants abstract seawater

The EIA should include a marine ecological assessment of intake effects and evaluate best-available intake design and velocity thresholds.

2. Brine and Backwash Discharge Effects

The BID confirms that brine and backwash water will be discharged back into the marine environment. Key concerns include:

- Localised salinity elevation near discharge points
- Density-driven sinking plumes affecting benthic habitats
- Reduced oxygen availability in poorly mixed zones
- Chronic exposure stress to benthic organisms and filter feeders
- Additive salinity loading from multiple desalination plants serving hydrogen projects

Site-specific hydrodynamic and dispersion modelling under different tide and current conditions should be required, including cumulative discharge scenarios.

3. Chemical Additives and Effluent Toxicity

Desalination pre-treatment and membrane maintenance require chemical dosing and periodic cleaning. Even when food-grade or low-toxicity chemicals are used, risks include:

- Combined and chronic toxicity from coagulants, anti-scalants, disinfectants, and cleaning agents
- Elevated contaminant pulses during cleaning and backwash cycles
- Accidental spills or overdosing events
- Interaction with other harbour and industrial effluents

The EIA should require detailed effluent characterisation, discharge quality standards, and a marine ecotoxicological risk screening.

4. Cumulative Impacts with Green Hydrogen Developments

Green hydrogen production facilities planned for the Walvis Bay and broader Erongo coastal zone are expected to rely heavily on desalinated water and large energy inputs. In combination with the proposed plant, cumulative risks include:

- Multiple seawater intake and brine discharge systems along the same coastline
- Overlapping salinity and chemical plumes
- Increased total marine abstraction volumes
- Intensification of coastal industrialisation footprints
- Underestimation of impacts if projects are assessed individually only

The EIA should include a regional cumulative impact assessment covering desalination and hydrogen-related infrastructure collectively.

5. Energy Demand and Indirect Climate Effects

Desalination and hydrogen production are both energy-intensive. Although energy recovery and solar supplementation are proposed, concerns remain:

- Increased regional electricity demand
- Grid strain and reliance on non-renewable backup power
- Indirect greenhouse gas emissions if full renewable supply is not guaranteed
- Infrastructure expansion for power supply and transmission

A lifecycle energy and carbon assessment should be included, covering combined desalination and hydrogen demand.

6. Harbour and Coastal Water Quality Interactions

The project is located within an active harbour-industrial environment where other effluents are already discharged. Risks include:

- Combined pollutant loading exceeding assimilative capacity
- Synergistic effects between brine, processing effluent, and stormwater runoff
- Sediment quality deterioration near discharge zones

- Long-term harbour water quality decline

The EIA should evaluate cumulative discharge loads and receiving-environment capacity, not only project-specific streams.

7. Biodiversity and Coastal Bird Disturbance

Walvis Bay and its lagoon system support internationally significant bird populations.

Additional industrial infrastructure and operations may result in:

- Construction and operational noise disturbance
- Increased artificial lighting affecting bird movement and behaviour
- Incremental habitat disturbance and loss of ecological buffer areas
- Indirect food web effects through marine ecological change

Avifaunal and coastal biodiversity sensitivity screening should be included, with lighting and noise mitigation measures.

8. Operational and Accident Risk Scenarios

Beyond routine operations, the EIA should evaluate credible failure and upset scenarios, including:

- Intake or outfall pipe damage
- Chemical storage or transfer spills
- Membrane cleaning waste mismanagement
- Abnormal discharge quality events
- Fire or fuel incidents at industrial sites

Clear incident response, monitoring triggers, and reporting requirements should be embedded in the EMP.

9. Induced Development and Resource Demand Effects

Improved industrial water security through desalination may enable further expansion of water-intensive industry, including hydrogen and processing plants. This may lead to:

- Secondary growth in coastal industrial activity
- Increased cumulative environmental pressure
- Greater long-term marine and coastal resource demand

The EIA should consider induced and secondary development effects in its scenario planning.

In conclusion, the proposed desalination plant should be assessed within a broader coastal industrial growth context, particularly in relation to expanding green hydrogen developments around Walvis Bay. The EIA should therefore apply a cumulative, marine-ecosystem-based, and precautionary approach, supported by specialist marine, water quality, energy, and biodiversity studies, together with enforceable discharge limits, monitoring programmes, and adaptive management measures.

Regards,

Vanessa Stein

Forester

National Botanical Research Institute (NBRI)

Ministry of Environment, Forestry And Tourism

Windhoek

Namibia

Tel: +264-819528749

E-mail: Vanessa.Stein@meft.gov.na

webpage: www.nbri.org.na

From: info@eia-tracker.org.na <info@eia-tracker.org.na>

Sent: Tuesday, 27 January 2026 11:17 am

To: carien@greenearthnamibia.com

Cc: 'John Pallett' <john.pallett@saiea.com>; 'Elia Mvula' <elia@nnf.org.na>

Subject: Call for Public Participation/Comments: Environmental Impact Assessment to Obtain Environmental Clearance to Construct and Operate a Desalination Plant on Erf 4585, Walvis Bay, Erongo Region

Dear Sir/Madam

I am also hereby requesting to be registered as an I&AP for the EIA:

Call for Public Participation/Comments: Environmental Impact Assessment to Obtain Environmental Clearance to Construct and Operate a Desalination Plant on Erf 4585, Walvis Bay, Erongo Region.

Would you also forward me the **BID** including the **project site coordinates**?

Regards,

Simeon Namweya

EIA Tracking and Monitoring in Namibia (EIA Tracker)

Namibian Environment and Wildlife Society

Cell:+264 81 354 9340

<https://eia-tracker.org.na>

The EIA Tracker Project keeps track and maps all EIAs countrywide to enhance public access to EIA information and promote transparency within the EIA sector. The information collected is only used for the public to access and the EIA Tracker has no intention and will not use these for financial or any other benefits.