

Environmental Impact Assessment (EIA) for the
Proposed Construction, Operation and
Decommissioning of a Sea Water Reverse Osmosis
Plant and Associated Infrastructure Proposed at
Lovu on the KwaZulu-Natal South Coast

FINAL EIA REPORT

Appendix F:
Public Participation

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Appendix F.1: I&AP Database

A list of all Interested and Affected Parties (I&APs) who received notice of the release of the EIA Report for this project.

	Title	Initials	Surname
Authorities: National			
Department of Environmental Affairs	Ms	M	Mogorosi
Department of Environmental Affairs	Mr	H	Alberts
Department of Energy	Mr	S	Ntanzi
Department of Environmental Affairs: Branch Oceans and Coasts	Mr	M	Tshikotshi
Department of Environmental Affairs: Branch Oceans and Coasts	Ms	N	Bajjnath-Pillay
Department of Mineral Resources	Ms	A	Eagar
Department of Agriculture, Forestry and Fisheries	Ms	M	Marubini
Department of Agriculture, Forestry and Fisheries: Section Land Use and Soil Management	Ms	A	Collet
Department of Water and Sanitation			Central Point
National Roads Agency (NRA)	Ms	J	Marx
Authorities: Provincial			
KZN Department of Economic Development, Tourism and Environmental Affairs: eThekweni Region	Ms	Y	Govender
KZN Department of Economic Development, Tourism and Environmental Affairs: eThekweni Region	Ms	N	Brijjal
KZN Department of Agriculture& Rural Development	Dr	S F	Mkhize
Department of Agriculture, Forestry and Fisheries Forestry Regulations and Support	Mr	K M	Baleni
KZN Department of Economic Development, Tourism and Environmental Affairs: Coastal Management and Biodiversity	Mr	O	Parak
KZN Department of Economic Development, Tourism and Environmental Affairs	Ms	L	Beires
Department of Water and Sanitation: KwaZulu-Natal	Ms	A	Masefield
Department of Agriculture, Forestry and Fisheries: Forestry Regulations and Support KZN	Mr	J	Maivha
Department of Agriculture, Forestry and Fisheries: Forestry Regulations and Support KZN	Ms	N	Sontangane
Department of Agriculture, Forestry and Fisheries: Forestry Regulations and Support KZN	Ms	K	Moodley
Department of Agriculture, Forestry and Fisheries: KwaZulu-Natal	Ms	T	Dlungwana
Department of Public Works: KwaZulu-Natal	Mr	N	Vilakazi
Department of Land Affairs: KwaZulu-Natal	Ms	T	Mabaso
Department of Cooperative Governance and Traditional Affairs: Development Planning	Mr	M	Zungu

	Title	Initials	Surname
KZN Department of Transport	Mr	R	Ryan
KZN Department of Transport	Mrs	J	Reddy
KZN Department of Transport	Mrs	M	Schmid
KZN Department of Mineral Resources	Ms	N	Khanyile
Authorities: Local (Note: eThekweni Municipality is a Metropolitan Municipality and as such constitutes both the Local and District Municipality)			
eThekweni Municipality: eThekweni Transport Authority	Mr	L	Moodley
eThekweni Municipality: Municipal Manager	Mr	S	Sithole
eThekweni Municipality: Ward Councillor	Cllr	A	Beetge
eThekweni Municipality: Ward Councillor	Cllr	T	Magubane
eThekweni Municipality: Ward Councillor	Cllr	P	Davis
eThekweni Municipality: Environmental Planning & Climate Protection Department	Dr	D	Roberts
eThekweni Municipality: Engineering Department	Mr	A	Peters
eThekweni Municipality: Water & Sanitation	Mr	E	Msweli
eThekweni Municipality	Mr	K	Samie
eThekweni Municipality: EIA Hub	Ms	D	van Rensburg
Other Key Stakeholders			
ESKOM	Mr	J	Geeringh
ESKOM	Ms	M	Nicol
ESKOM: Land Development Manager	Mr	N	Purdon
ESKOM	Mr	R	Moore
South African Heritage Resources Agency	Ms	T	Van Niekerk
Amafa aKwaZulu-Natali	Ms	W	Tshabalala
Amafa aKwaZulu-Natali	Ms	B	Pawandiwa
South African National Roads Agency Ltd: Eastern Region	Mr	C	Landman
Ezemvelo KwaZulu-Natal Wildlife	Ms	N	Pillay
Ezemvelo KwaZulu-Natal Wildlife	Ms	D	Thambu
Ingonyama Trust	Mr	C	Aitken
Ingonyama Trust	Mr	P	Manipersadh
PRASA	Mr	P	Motsoaledi
PRASA	Mr	S	Bophela
SA Cane Growers Association	Mr	A	Gabriel
WESSA	Ms	B	McKelvey
WESSA	Ms	J	Duvenage
WESSA	Mr	C	Galliers
South African Navy	Mr	E	Dwyer
Endangered Wildlife Trust	Ms	Y	Friedmann
Biota Southern Africa	Ms	G	Kriel
South African National Parks	Mr	P	Daphne
Transnet National Ports Authority	Ms	S	Mazibuko
Transnet	Mr	R	Murray

	Title	Initials	Surname
Transnet Properties	Mr	J	van Heerden
South Durban Community Environment Alliance (SDCEA)	Mr	D	D'Sa
Independent Newspapers – The Mercury	Mr	T	Carnie
Earthlife Africa	Mr	B	Ashe
Durban Chamber of Commerce and Industry	Mr	A	Botha
Coastwatch KZN	Ms	C	Schwegman
Coastwatch KZN	Ms	D	Jones
Independent Reporter	Mr	B	Bosworth
Mother of Peace Communities – Illovo	Ms	I	Canham
Illovo Sugar (South Africa) Limited	Ms	C	Woollaston
Illovo Sugar (South Africa) Limited	Mr	D	Sutherland
Illovo Sugar (South Africa) Limited	Mr	V	Luthuli
Amanzimtoti Conservation			
Wildcon		C	Pearson
AlphaKat	Mr	G	Oliver
Private	Ms	N	Choveaux
Private	Mr	A	Thomas
Private	Mr	A	Childs
Compressed Air Driers & Filters cc	Mr	P	Girdharie
Tekeweni Civils cc	Mr	N	Singh
Vision Data Services cc	Mr	G	Oliver
ZAI Consultants cc	Mr	A	Johnston
Private	Ms	K	Le Roux
Operation Jump Start	Mr	B	Khumalo
Mother Of Peace	Mr	G	Gradwell
Private	Mr	A	Pyke
Private	Mr	H	Molotsi
Private	Mr	G	Van Sluys
Private/Illovo Business park	Mr	S	Henderson
Project Proponent			
Umgeni Water	Ms	P	Ndlovu
Umgeni Water	Mr	K	Meier
Affected Landowners			
Desalination Plant	Erf No.		
Landowner	1/ Lot 15 No.7773		Department of Public Works
Landowner	Nogi No. 17469 2/ Lot 15 No.7773		Illovo Sugar South Africa LTD
Pump Stations	Erf No.		
Landowner	1/206 of Kingsburgh No.0163		eThekwini Municipality
Landowner	Rem/206 of Kingsburgh No.0163		Southern Umlazi SR CC (eThekwini Municipality)

	Title	Initials	Surname
Pipelines	Erf No.		
Landowner	Rem/932 of Kingsburgh No.0163		Illovo Sugar South Africa LTD
	Rem/Togo No. 9374		
	Rem/Lot 23 No. 3253		
	Rem/Illovo No. 16946		
Landowner	1/194 of Kingsburgh No.0163		eThekweni Municipality
	Rem/372 of Kingsburgh No.0163		
Landowner	1/62 of Winklespruit No.0385		SANRAL
	2/930 of Kingsburgh No.0163		
	4/930 of Kingsburgh No.0163		
	3/932 of Kingsburgh No.0163		
Landowner	915 of Kingsburgh No.0163		South African Rail Commuter Corp. LTD
Landowner	Rem/190 of Kingsburgh No.0163		Transnet LTD
	916 of Kingsburgh No.0163		
	3/2906 of Kingsburgh No.0163		
	4/2906 of Kingsburgh No.0163		
Surrounding Landowners			
Landowner	918	J.A.H.	Brits
Landowner	Rem/196	C	Stapelberg
Landowner	Rem/192	M.W.	Techet
Landowner	1/190	G.K.	Govender
Landowner	135/Lower Illovo No.17126	V	Ramadu
Landowner	134/Lower Illovo No.17126	M	Xania
Landowner	136/Lower Illovo No.17126	M.V.	Marrie
Landowner	139/Lower Illovo No.17126	A.C.	Thomas
Landowner	140/Lower Illovo No.17126	A.C.	Thomas

Appendix F.2: Correspondence to I&APs (Final Scoping Report)

Letter 3 to I&APs (English)



CSIR Consulting and Analytical Services:
Environmental Management Services

PO Box 320 Stellenbosch 7599 South Africa
Tel: +27 21 888 2661
Fax: +27 21 888 2693
Email: awalsdorff@csir.co.za

23 February 2015

Dear Stakeholder

RE: Notice of Submission and Comment Period for the Final Scoping Report: Proposed construction, operation and decommissioning of a Sea Water Reverse Osmosis Plant and associated infrastructure proposed at Lovu on the KwaZulu-Natal South Coast (DEA EIA Ref No: 14/12/16/3/3/2/636).

As a registered interested and affected party on the database for the above project you are hereby notified of the submission of the Final Scoping Report for the proposed construction, operation and decommissioning of a Sea Water Reverse Osmosis Plant and associated infrastructure proposed at Lovu on the KwaZulu-Natal South Coast, to the National Department of Environmental Affairs for their decision-making.

In terms of Regulation 56 (6) of GN R543 of the NEMA EIA Regulations 2010, registered interested and affected parties must submit written comments on final reports to the competent authority (refer to contact details of the DEA case officer below) and provide a copy of such comments to the Environmental Assessment Practitioner (contact details above). Comments on the Final Scoping Report should be submitted within **21 days** of the date of this notification, by the **16 March 2015**.

Mrs Mmatlala Rabothata
National Department of Environmental Affairs
Private Bag X 447, Pretoria, 0001; or
Fedsure Building, 315 Pretorius Street, Pretoria
Fax: 012 – 322 2682
Email: mrabothata@environment.gov.za

PLEASE NOTE: The DEA reference number assigned to this project is 14/12/16/3/3/2/636, which must be quoted on all correspondence related to the application.

Copies of the Final Scoping Report are available for public viewing at the **Kingburgh Public Library** (Hall Rd, Warner Beach, 4126) and can be downloaded from the website www.csir.co.za/eia/LovuDesalination/

Yours sincerely

Annick Walsdorff
EIA Project Manager
CSIR Environmental Management Services

Prof FW Petersen, N Behrens, Prof DR Hall, M Silinga, M Sibanda,
Prof MJ Wingfield, K Thoka, A Knott-Craig, P Benadè and Dr SP Sibisi

www.csir.co.za



23 February 2015

PO Box 320 Stellenbosch 7599 South Africa
Tel: +27 21 888 2661
Fax: +27 21 888 2693
Email: awalsdorff@csir.co.za

Dear Stakeholder

**ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION, OPERATION AND
DECOMMISSIONING OF A 150 ML/DAY SEA WATER REVERSE OSMOSIS (SWRO) PLANT AND
ASSOCIATED INFRASTRUCTURE PROPOSED BY UMGENI WATER AT LOVU ON THE
KWAZULU-NATAL SOUTH COAST**

DEA REFERENCE NUMBER: 14/12/16/3/3/2/636

NOTICE OF CHANGE IN PROJECT MANAGERS

The CSIR has been appointed by Umgeni Water Amanzi (Umgeni Water) to conduct an Environmental Impact Assessment (EIA) process for the aforementioned proposed development. There have been changes made to the management of the project for your attention.

Please note that the project manager and project leader for this project are **no longer Mr. Kavandren Moodley and Mr. Ismail Bandoo** respectively, but have changed to **Mrs. Annick Walsdorff and Mr. Paul Lochner**. Their contact details are as follows:

Project Manager:	Mrs. Annick Walsdorff CSIR	Project Leader:	Mr. Paul Lochner
Postal Address:	P.O. Box 320 Stellenbosch 7599	Postal Address:	CSIR P.O. Box 320 Stellenbosch 7599
Telephone:	(021) 888 2661	Telephone:	(021) 888 2661
Fax:	(021) 888 2473	Fax:	(021) 888 2473
Email:	awalsdorff@csir.co.za	Email:	plochner@csir.co.za

Kindly refer all correspondence relating to the aforementioned project to the new project manager.

Sincerely,

Annick Walsdorff

EIA Project Manager
CSIR Environmental Management Services

Letter 3 to I&APs (isiZulu)



**CSIR Consulting and Analytical Services:
Environmental Management Services**

PO Box 320 Stellenbosch 7599 South Africa
Tel: +27 21 888 2681
Fax: +27 21 888 2683
Email: awalsdorff@csir.co.za

23 February 2015

Abathintekayo

RE: Isaziso sokungenisa Kanye nesikhahi sokubeka umubono mayelana Nombiko Wokugcina (Final Scoping Report) yomklamo ebizwa: Ukwakhiwa, ukusetshenziswa kanye nokuvalwa kwemboni ye-Sea Water Reverse Osmosis (SWRO) eLovu eningizimu LaKwaZulu-Natal (Inombolo yenkomba ye-DEA: 14/12/16/3/3/2/636).

Njengomuntu owabhalisa ukuba umuntu othintekayo kulomklamo siyakwazisa ngokungeniswa kwe-Final Scoping Report yalomklamo kuMnyango Wezemvelo wase Ningizimu Afrika (DEA) ebizwa: Ukwakhiwa, ukusetshenziswa kanye nokuvalwa kwemboni ye-Sea Water Reverse Osmosis (SWRO) eLovu eningizimu LaKwaZulu-Natal.

Mayelana nomthetho 56 (6) we-GN R543 ye-NEMA EIA Regulations 2010, umuntu owabhalisa ngokuthinteka kwakhe kumele abhale umbono wakhe mayelana Nombiko Wokugcina (Final Scoping Report) ongeniswe iCSIR (iminingwane yokungenisa imbono ibhalwe ngezansi ya-Mrs Mmatlala Rabothata). Ikhophi yembono yakho, mayelana Nombiko Wokugcina, kumele ithunyelwe kumphathi walomklamo (u-Annick Walsdorff). Imbono yoMbiko Wokugcina (Final Scoping Report) kumele ithunyelwe ngaphathi kwezinsuku eziwu-21 yokuthola lencwadi, kugcina ngo-16 March 2015.

**Mrs Mmatlala Rabothata
Umnyango Wezemvelo wase Ningizimu Afrika (DEA)
Private Bag X 447, Pretoria, 0001; or
Fedsure Building, 315 Pretorius Street, Pretoria
Fax: 012 – 322 2682
Email: mrabothata@environment.gov.za**

ISAZISO: Inombolo yenkomba ye-DEA (14/12/16/3/3/2/636) kumele ibhalwe kumbono owungenisayo mayelana nomklamo.

Umbiko Wokugcina (Final Scoping Report) yalemboni itholokala kumtapo wolwazi wase-Kingsburgh (Hall Rd, Warner Beach, 4126), futhi ungakwazi ukuyithola kwi-website ye-CSIR: www.csir.co.za/eia/LovuDesalination

Ngobuqotho,

Annick Walsdorff

Umphathi womklamo
CSIR Environmental Management Services

Prof FW Petersen, N Behrens, Prof DR Hall, M Silinga, M Sibanda,
Prof MJ Wingfield, K Thoka, A Knott-Craig, P Benadè and Dr SP Sibisi

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23 February 2015

Abathintekayo

I-EIA YOKWAKHIWA, UKUSEBENZISA NOKUVALWA KWEMBONI '150 ML/DAY SEA WATER REVERSE OSMOSIS (SWRO) AND ASSOCIATED INFRASTRUCTURE' EHLONGOZWAYO UMGENI WATER E-LOVU ENINGIZIMU LAKWAZULU-NATAL

INOMBOLO YENKOMBA YE-DEA: 14/12/16/3/3/2/636

ISAZISO SOKUSHINTSHA KOMPHATHI WOMKLAMO

i-CSIR ikhethwe Umgeni Water Amanzi (Umgeni Water) ukuthi yenze i-Environmental Impact Assessment (EIA) yalomklamo. Kunoshintsho mayelana nomphathi womklamo esithanda ukunazisa ngalo.

Abaphathi balomklamo akusiye uNomzane Kavandren Moodley Kanye noNomzane Ismail Bando, sekuphethe u- Mrs. Annick Walsdorff kanye nomnumzane Paul Lochner. Batholakal kulelikheli Kanye nalezinombolo:

Project Manager:	Mrs. Annick Walsdorff CSIR	Project Leader:	Mr. Paul Lochner CSIR
Postal Address:	P.O. Box 320 Stellenbosch 7599	Postal Address:	P.O. Box 320 Stellenbosch 7599
Telephone:	(021) 888 2661	Telephone:	(021) 888 2661
Fax:	(021) 888 2473	Fax:	(021) 888 2473
Email:	awalsdorff@csir.co.za	Email:	plochner@csir.co.za

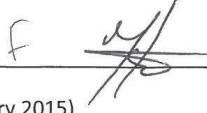
Nithintane nabaphathi abasha mayelana nomklamo.

Ngobuqotho,

Annick Walsdorff

Umpathi womklamo
CSIR Environmental Management Services

Proof of Correspondence with I&APs - Registered Mail Receipts

Name & Signature of person responsible for post: F 

26 items – REGISTERED POST (Lovu – Sent on 20 February 2015)

EMS0062 / RUN / 04100 / OKG10

Mr H Alberts Nat Dept of Environmental Affairs Environment House 473 Steve Biko Road Pretoria 0001	Mr Mulalo Tshikotshi Dept of Environmental Affairs: Oceans and Coasts PO Box 52126 Cape Town 8002	Ms Mavis Padayachee Dept of Agriculture, Environmental Affairs & Rural Development: Environmental Impact Management (South Region) Private Bag X6005 Hilton 3245
Ms Angela Masefield KwaZulu Natal Dept of Water Affairs PO Box 1018 Durban 4000	Ms Nerissa Pillay Ezemvelo KwaZulu-Natal Wildlife 1 Peter Brown Drive Cascades 3202	Jeffrey Mahivha Dept of Agriculture, Forestry & Fisheries Forestry Regulations and Support Private Bag X9029 Pietermaritzburg 3200
Mr Omar Parak KZN Dept of Agriculture and Environmental Affairs - Coastal and Biodiversity Management Private Bag X9059 Pietermaritzburg 3200	Mrs J Reddy Department of Transport Private Bag X9043 Pietermaritzburg 3200	Clr Thami Magubane eThekweni Municipality: Ward Councillor (Ward 98) PO Box 1014 Durban 4000
Mr Chris Aitken Ingonyama Trust PO Box 601 Pietermaritzburg 3201	Ms Gerda Kriel Biota Southern Africa 12 Avond Street Vredendal North 8161	Department of Public Works Portion 1 of Lot 15 No 7773 Private Bag X54315 Durban 4000
Illovo Sugar South Africa LTD PO Box 194 Durban 4000	eThekweni Municipality PO Box 680 Durban 4000	SANRAL PO Box 100410 Scottsville 3209

<p>South African Rail Commuter Corp. LTD PO Box 785 Bedfordview 2008</p>	<p>Southern Umlazi SR CC (eThekweni Municipality) Rem of Erf 206 of Kingsburgh No 0163 PO Box 680 Durban 4000</p>	<p>Transnet LTD PO Box 72501 Parkview 2122</p>
<p>Jan Albert Hendrik Brits 43 Ocean View Road Winklespruit Kingsburgh 4126</p>	<p>Carel Stapelberg 4 Eastern Glen Road Winklespruit Kingsburgh 4126</p>	<p>Michael Walter Techet 52 Ocean View Road Winklespruit Kingsburgh 4126</p>
<p>Gopaul Kannlappen 1 Lantana Road Winklespruit Kingsburgh 4126</p>	<p>Venketas Ramadu 56 Poss Road Illovo Lower Illovo 4126</p>	<p>Meyer Xania 63 Poss Road Illovo Lower Illovo 4126</p>
<p>Marri Varaden Marrie 52 Poss Road Illovo Lower Illovo 4126</p>	<p>Anthony Cedrick Thomas 30 Draeger Road Illovo Lower Illovo 4126</p>	

Email to I&APs (Release of FSR)

Page 1 of 1

**Annick Walsdorff - Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636**

From: Kelly Stroebel
To: Annick Walsdorff
Date: 23/02/2015 12:00
Subject: Notice of comment period for Final Scoping Report DEA Ref No: 14/12/16/3/3/2/636
Attachments: FSR Letter English.docx; FSR Letter Zulu.docx

Dear Stakeholder,

**Notice of Submission and Comment Period for the Final Scoping Report: Proposed construction,
operation and decommissioning of a Sea Water Reverse Osmosis Plant and associated
infrastructure proposed at Lovu on the KwaZulu-Natal South Coast**

(DEA EIA Ref No: 14/12/16/3/3/2/636).

Please see attached letter indicating the notification of **public comment period** for the **Final Scoping Report** for the above-mentioned project as well as notification of **change in project management team**. You are hereby invited to provide comments on the Draft Final Scoping Report.

Please note - comments on the Final Scoping Report should be submitted to the competent authority within **21 days** of the date of this notification, by the **16 March 2015**.

Yours sincerely,

Kelly Stroebel

Environmental Assessment Practitioner (EAP) Intern, Cand.Sci.Nat.
CSIR Environmental Management Services (EMS) Stellenbosch

kstroebel@csir.co.za
Tel.: 021 888 2432

file:///C:/Users/AWALSDORFF/AppData/Local/Temp/XPGroWise/54EB164ASTE... 24/02/2015

From: Kelly Stroebel <kstroebel@csir.co.za> 20-Feb-2015 14:24
To: Annick Walsdorff <awalsdorff@csir.co.za>
BCC: desmond@sdceango.co.za <desmond@sdceango.co.za>, frikkie.brooks@kzncogta.gov.za <frikkie.brooks@kzncogta.gov.za>, Anneliza@nda.agric.za <anneliza@nda.agric.za>, alfred.matsheke@kzndae.gov.za <alfred.matsheke@kzndae.gov.za>, LandmanC@nra.co.za <landmanc@nra.co.za>, KarenM@daff.gov.za <karenm@daff.gov.za>, edwindwyer@webmail.co.za <edwindwyer@webmail.co.za>, praveshm@ingonyamatrust.org.za <praveshm@ingonyamatrust.org.za>, jenny@wessakzn.org.za <jenny@wessakzn.org.za>, Phumi.Ndlovu@umgeni.co.za <phumi.ndlovu@umgeni.co.za>, Moodleyl@durban.gov.za <moodleyl@durban.gov.za>, cwoollaston@illovo.co.za <cwoollaston@illovo.co.za>, metroceo@durban.gov.za <metroceo@durban.gov.za>, moorerem@eskom.co.za <moorerem@eskom.co.za>, RobertsD@durban.gov.za <robertsd@durban.gov.za>, ThembileD@daff.gov.za <thembiled@daff.gov.za>, masefielda@dwaf.gov.za <masefielda@dwaf.gov.za>, prenoI@mweb.co.za <prenoI@mweb.co.za>, iris@motherofpeace.org.za <iris@motherofpeace.org.za>, dijones@iafrica.com <dijones@iafrica.com>, Neil.Macleod@durban.gov.za <neil.macleod@durban.gov.za>, mashuduma@daff.gov.za <mashuduma@daff.gov.za>, ant.kumbu@gmail.com <ant.kumbu@gmail.com>, nirensingh@webmail.co.za <nirensingh@webmail.co.za>, brendon.bosworth@gmail.com <brendon.bosworth@gmail.com>, NandiphaS@daff.gov.za <nandiphas@daff.gov.za>, Beiresl@kznded.gov.za <beiresl@kznded.gov.za>, yolanf@ewt.org.za <yolanf@ewt.org.za>, VLuthuli@illovo.co.za <vluthuli@illovo.co.za>, petersam@durban.gov.za <petersam@durban.gov.za>, sbophela@prasa.com <sbophela@prasa.com>, Tloubatlai@dwa.gov.za <tloubatlai@dwa.gov.za>, amafa.pmb2@mweb.co.za <amafa.pmb2@mweb.co.za>, Roy.Ryan@kzntransport.gov.za <roy.ryan@kzntransport.gov.za>, Kevin.Meier@umgeni.co.za <kevin.meier@umgeni.co.za>, nac@pmbtrust.org <nac@pmbtrust.org>, amjohnston@zai.co.za <amjohnston@zai.co.za>, john.geeringh@eskom.co.za <john.geeringh@eskom.co.za>, bryan@earthlife.org.za <bryan@earthlife.org.za>, tony.carnie@inl.co.za <tony.carnie@inl.co.za>, Glenda.Moloi@dmr.gov.za <glenda.moloi@dmr.gov.za>, neil.purdon@eskom.co.za <neil.purdon@eskom.co.za>, pauld@sanparks.org.za <pauld@sanparks.org.za>, afromatz@telkomsa.net <afromatz@telkomsa.net>, pillaya@kznwildlife.com <pillaya@kznwildlife.com>, JeffreyMAI@daff.gov.za <jeffreymai@daff.gov.za>, peterdee@telkomsa.net <peterdee@telkomsa.net>, nicolm@eskom.co.za <nicolm@eskom.co.za>, Rodney.Murray2@Transnet.net <rodney.murray2@transnet.net>

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<diane.vanrensbuurg@durban.gov.za>, pmotsoaledi@prasa.com
<pmotsoaledi@prasa.com>, info@energy.gov <info@energy.gov>,
Johan.van_Heerden@transnet.net <johan.van_heerden@transnet.net>,
trmabaso@ruraldevelopment.gov.za
<trmabaso@ruraldevelopment.gov.za>, Simphiwe.Mazibuko@transnet.net
<simphiwe.mazibuko@transnet.net>, Dinesree.Thambu@kznwildlife.com
<dinesree.thambu@kznwildlife.com>

Subject: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636

Attachments MESSAGE HTML (5907 bytes) [Open] [Save]
MESSAGE TEXT (968 bytes) [Open] [Save]
: MESSAGE TRACK (23178 bytes) [Open] [Save]
FSR Letter English.docx (795699 bytes) [Open] [Save]
FSR Letter Zulu.docx (494932 bytes) [Open] [Save]

Dear Stakeholder,

**Notice of Submission and Comment Period for the Final Scoping Report: Proposed
construction, operation and decommissioning of a Sea Water Reverse Osmosis Plant and
associated infrastructure proposed at Lovu on the KwaZulu-Natal South Coast**

(DEA EIA Ref No: 14/12/16/3/3/2/636).

Please see attached letter indicating the notification of **public comment period** for the **Final Scoping Report** for the above-mentioned project as well as notification of **change in project management team**. You are hereby invited to provide comments on the Draft Final Scoping Report.

Please note - comments on the Final Scoping Report should be submitted to the competent authority within **21 days** of the date of this notification, by the **16 March 2015**.

Yours sincerely,

Kelly Stroebel

Environmental Assessment Practitioner (EAP) Intern, Cand.Sci.Nat.

CSIR Environmental Management Services (EMS) Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432

Send Options
Workflow false
Update Frequent Contacts false
Return Options
Deleted Mail Notify
Opened Mail Notify
Status Tracking
 ALL

Annick Walsdorff
 Distribution Type TO
 Recipient Type USER
 UUID 177C1400-185E-0000-B7E
 EMail AWalsdorff@csir.co.za

Events

Name	Time
Delivered	23-2-2015 10:00:10 UTC
Opened	24-2-2015 06:44:06 UTC
Downloaded	24-2-2015 10:44:15 UTC

atcon@3i.co.za
 Distribution Type BC
 Recipient Type USER
 EMail atcon@3i.co.za

Events

Name	Time
Delivered	23-2-2015 10:01:45 UTC
Transferred	23-2-2015 10:00:33 UTC

bernadetp@amafapmb.co.za
 Distribution Type BC
 Recipient Type USER
 EMail bernadetp@amafapmb.co.za

Events

Name	Time
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Transferred	23-2-2015 10:00:28 UTC

agabriel@canegrowers.co.za
 Distribution Type BC
 Recipient Type USER
 EMail agabriel@canegrowers.co.za

Events

Name	Time
Delivered	23-2-2015 10:01:45 UTC
Transferred	23-2-2015 10:00:35 UTC

JeffreyMAI@daff.gov.za
 Distribution Type BC
 Recipient Type USER
 EMail JeffreyMAI@daff.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:31 UTC

KarenM@daff.gov.za
 Distribution Type BC
 Recipient Type USER
 EMail KarenM@daff.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:31 UTC

mashuduma@daff.gov.za
 Distribution Type BC
 Recipient Type USER
 EMail mashuduma@daff.gov.za

Events

Name	Time
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Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:31 UTC

NandiphaS@daff.gov.za
Distribution Type BC
Recipient Type USER
EMail NandiphaS@daff.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:31 UTC

ThembileD@daff.gov.za
Distribution Type BC
Recipient Type USER
EMail ThembileD@daff.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:31 UTC

Glenda.Moloi@dmr.gov.za
Distribution Type BC
Recipient Type USER
EMail Glenda.Moloi@dmr.gov.za

Events

Name	Time
Delivered	23-2-2015 10:01:30 UTC
Transferred	23-2-2015 10:00:31 UTC

Nkosi.vilakazi@dpw.gov.za
Distribution Type BC
Recipient Type USER
EMail Nkosi.vilakazi@dpw.gov.za

Events

Name	Time
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Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

Diane.VanRensburg@durban.gov.za
Distribution Type BC
Recipient Type USER
EMail Diane.VanRensburg@durban.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

metroceo@durban.gov.za
Distribution Type BC
Recipient Type USER
EMail metroceo@durban.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

Moodleyl@durban.gov.za
Distribution Type BC
Recipient Type USER
EMail Moodleyl@durban.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

Neil.Macleod@durban.gov.za
Distribution Type BC
Recipient Type USER
EMail Neil.Macleod@durban.gov.za

Events

Name	Time
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Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

petersam@durban.gov.za
Distribution Type BC
Recipient Type USER
Email petersam@durban.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

RobertsD@durban.gov.za
Distribution Type BC
Recipient Type USER
Email RobertsD@durban.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

Tloubatlai@dwa.gov.za
Distribution Type BC
Recipient Type USER
Email Tloubatlai@dwa.gov.za

Events

Name	Time
Delivered	23-2-2015 10:01:45 UTC
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masefielda@dwaf.gov.za
Distribution Type BC
Recipient Type USER
Email masefielda@dwaf.gov.za

Events

Name	Time
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Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

bryan@earthlife.org.za
Distribution Type BC
Recipient Type USER
Email bryan@earthlife.org.za

Events

Name	Time
Transferred	23-2-2015 10:00:26 UTC
Undeliverable	23-2-2015 10:01:45 UTC

info@energy.gov
Distribution Type BC
Recipient Type USER
Email info@energy.gov

Events

Name	Time
Transferred	23-2-2015 10:00:33 UTC
Undeliverable	23-2-2015 10:02:01 UTC

john.geeringh@eskom.co.za
Distribution Type BC
Recipient Type USER
Email john.geeringh@eskom.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

moorerm@eskom.co.za
Distribution Type BC
Recipient Type USER
Email moorerm@eskom.co.za

Events

Name	Time
------	------

Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

neil.purdon@eskom.co.za
Distribution Type BC
Recipient Type USER
EMail neil.purdon@eskom.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

nicolm@eskom.co.za
Distribution Type BC
Recipient Type USER
EMail nicolm@eskom.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

yolanf@ewt.org.za
Distribution Type BC
Recipient Type USER
EMail yolanf@ewt.org.za

Events

Name	Time
Delivered	23-2-2015 10:07:55 UTC
Transferred	23-2-2015 10:00:31 UTC

ant.kumbu@gmail.com
Distribution Type BC
Recipient Type USER
EMail ant.kumbu@gmail.com

Events

Name	Time
------	------

Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

brendon.bosworth@gmail.com
Distribution Type BC
Recipient Type USER
EMail brendon.bosworth@gmail.com

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:35 UTC

dijones@iafrica.com
Distribution Type BC
Recipient Type USER
EMail dijones@iafrica.com

Events

Name	Time
Delivered	23-2-2015 10:01:45 UTC
Transferred	23-2-2015 10:00:35 UTC

cwoollaston@illovo.co.za
Distribution Type BC
Recipient Type USER
EMail cwoollaston@illovo.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

DSutherland@illovo.co.za
Distribution Type BC
Recipient Type USER
EMail DSutherland@illovo.co.za

Events

Name	Time
------	------

Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

VLuthuli@illovo.co.za
Distribution Type BC
Recipient Type USER
EMail VLuthuli@illovo.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:33 UTC

praveshm@ingonyamatrust.org.za
Distribution Type BC
Recipient Type USER
EMail praveshm@ingonyamatrust.org

Events

Name	Time
Delivered	23-2-2015 10:07:56 UTC
Transferred	23-2-2015 10:00:46 UTC

tony.carnie@inl.co.za
Distribution Type BC
Recipient Type USER
EMail tony.carnie@inl.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:16 UTC
Transferred	23-2-2015 10:00:50 UTC

frikkie.brooks@kzncogta.gov.za
Distribution Type BC
Recipient Type USER
EMail frikkie.brooks@kzncogta.gov

Events

Name	Time
------	------

Transferred	23-2-2015 10:00:47 UTC
Undeliverable	23-2-2015 10:02:31 UTC

alfred.matsheke@kzndae.gov.za
Distribution Type BC
Recipient Type USER
EMail alfred.matsheke@kzndae.gov.za

Events

Name	Time
Delivered	23-2-2015 10:01:45 UTC
Transferred	23-2-2015 10:00:47 UTC

Beiresl@kznded.gov.za
Distribution Type BC
Recipient Type USER
EMail Beiresl@kznded.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:52 UTC

michele.schmid@kzntransport.gov.za
Distribution Type BC
Recipient Type USER
EMail michele.schmid@kzntransport.gov.za

Events

Name	Time
Delivered	23-2-2015 10:02:32 UTC
Transferred	23-2-2015 10:00:46 UTC

Roy.Ryan@kzntransport.gov.za
Distribution Type BC
Recipient Type USER
EMail Roy.Ryan@kzntransport.gov.za

Events

Name	Time
------	------

Delivered	23-2-2015 10:02:32 UTC
Transferred	23-2-2015 10:00:46 UTC

Dinesree.Thambu@kznwildlife.com
Distribution Type BC
Recipient Type USER
EMail Dinesree.Thambu@kznwildli

Events

Name	Time
Delivered	23-2-2015 10:48:40 UTC
Transferred	23-2-2015 10:00:46 UTC

pillaya@kznwildlife.com
Distribution Type BC
Recipient Type USER
EMail pillaya@kznwildlife.com

Events

Name	Time
Delivered	23-2-2015 10:02:31 UTC
Transferred	23-2-2015 10:00:46 UTC

kuben.samie@me.com
Distribution Type BC
Recipient Type USER
EMail kuben.samie@me.com

Events

Name	Time
Transferred	23-2-2015 10:00:50 UTC

iris@motherofpeace.org.za
Distribution Type BC
Recipient Type USER
EMail iris@motherofpeace.org.za

Events

Name	Time
Delivered	23-2-2015 10:01:45 UTC

Transferred	23-2-2015 10:00:46 UTC
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amafa.pmb2@mweb.co.za
Distribution Type BC
Recipient Type USER
EMail amafa.pmb2@mweb.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:31 UTC
Transferred	23-2-2015 10:00:50 UTC

prenol@mweb.co.za
Distribution Type BC
Recipient Type USER
EMail prenol@mweb.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:31 UTC
Transferred	23-2-2015 10:00:50 UTC

Anneliza@nda.agric.za
Distribution Type BC
Recipient Type USER
EMail Anneliza@nda.agric.za

Events

Name	Time
Delivered	23-2-2015 10:03:34 UTC
Transferred	23-2-2015 10:00:46 UTC

LandmanC@nra.co.za
Distribution Type BC
Recipient Type USER
EMail LandmanC@nra.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:47 UTC

Transferred 23-2-2015 10:00:53 UTC

nac@pmmtrust.org
Distribution Type BC
Recipient Type USER
EMail nac@pmmtrust.org

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:50 UTC

pmotsoaledi@prasa.com
Distribution Type BC
Recipient Type USER
EMail pmotsoaledi@prasa.com

Events

Name	Time
Delivered	23-2-2015 10:02:31 UTC
Transferred	23-2-2015 10:00:46 UTC

sbophela@prasa.com
Distribution Type BC
Recipient Type USER
EMail sbophela@prasa.com

Events

Name	Time
Delivered	23-2-2015 10:02:31 UTC
Transferred	23-2-2015 10:00:46 UTC

trmabaso@ruraldevelopment.gov.za
Distribution Type BC
Recipient Type USER
EMail trmabaso@ruraldevelopment.gc

Events

Name	Time
Delivered	24-2-2015 10:11:42 UTC

Transferred 23-2-2015 10:00:50 UTC

secretary@saaso.com
Distribution Type BC
Recipient Type USER
EMail secretary@saaso.com

Events

Name	Time
Delivered	23-2-2015 10:02:31 UTC
Transferred	23-2-2015 10:00:52 UTC

pauld@sanparks.org.za
Distribution Type BC
Recipient Type USER
EMail pauld@sanparks.org.za

Events

Name	Time
Transferred	23-2-2015 10:00:53 UTC
Undeliverable	23-2-2015 10:02:31 UTC

desmond@sdceango.co.za
Distribution Type BC
Recipient Type USER
EMail desmond@sdceango.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC
Transferred	23-2-2015 10:00:53 UTC

andreb@skytec.co.za
Distribution Type BC
Recipient Type USER
EMail andreb@skytec.co.za

Events

Name	Time
Delivered	23-2-2015 10:02:01 UTC

Transferred	23-2-2015 10:00:53 UTC
-------------	------------------------

afromatz@telkomsa.net
Distribution Type BC
Recipient Type USER
EMail afromatz@telkomsa.net

Events

Name	Time
Delivered	23-2-2015 10:02:47 UTC
Transferred	23-2-2015 10:00:53 UTC

peterdee@telkomsa.net
Distribution Type BC
Recipient Type USER
EMail peterdee@telkomsa.net

Events

Name	Time
Delivered	23-2-2015 10:02:47 UTC
Transferred	23-2-2015 10:00:53 UTC

Johan.van_Heerden@transnet.net
Distribution Type BC
Recipient Type USER
EMail Johan.van_Heerden@transnet.net

Events

Name	Time
Delivered	23-2-2015 10:48:56 UTC
Transferred	23-2-2015 10:00:53 UTC

Rodney.Murray2@Transnet.net
Distribution Type BC
Recipient Type USER
EMail Rodney.Murray2@transnet.net

Events

Name	Time
Delivered	23-2-2015 10:48:56 UTC

Transferred	23-2-2015 10:00:53 UTC
-------------	------------------------

Simphiwe.Mazibuko@transnet.net
Distribution Type BC
Recipient Type USER
EMail Simphiwe.Mazibuko@transnet.net

Events

Name	Time
Delivered	23-2-2015 10:48:56 UTC
Transferred	23-2-2015 10:00:53 UTC

Kevin.Meier@umgeni.co.za
Distribution Type BC
Recipient Type USER
EMail Kevin.Meier@umgeni.co.za

Events

Name	Time
Delivered	23-2-2015 10:03:18 UTC
Transferred	23-2-2015 10:00:55 UTC

Phumi.Ndlovu@umgeni.co.za
Distribution Type BC
Recipient Type USER
EMail Phumi.Ndlovu@umgeni.co.za

Events

Name	Time
Delivered	23-2-2015 10:03:18 UTC
Transferred	23-2-2015 10:00:55 UTC

olivergl@visiondatasystems.co.za
Distribution Type BC
Recipient Type USER
EMail olivergl@visiondatasystems.co.za

Events

Name	Time
Delivered	23-2-2015 10:03:18 UTC

Transferred	23-2-2015 10:00:55 UTC
-------------	------------------------

Distribution Type BC
Recipient Type USER
EMail amjohnston@zai.co.za

edwindwyer@webmail.co.za

Distribution Type BC
Recipient Type USER
EMail edwindwyer@webmail.co.za

Events

Name	Time
Transferred	23-2-2015 10:09:44 UTC

Events

Name	Time
Transferred	23-2-2015 11:09:16 UTC

nirensingh@webmail.co.za

Distribution Type BC
Recipient Type USER
EMail nirensingh@webmail.co.za

Events

Name	Time
Transferred	23-2-2015 11:09:16 UTC

conservation@wessakzn.org.za

Distribution Type BC
Recipient Type USER
EMail conservation@wessakzn.org.za

Events

Name	Time
Delivered	23-2-2015 10:03:34 UTC
Transferred	23-2-2015 10:00:55 UTC

jenny@wessakzn.org.za

Distribution Type BC
Recipient Type USER
EMail jenny@wessakzn.org.za

Events

Name	Time
Delivered	23-2-2015 10:03:34 UTC
Transferred	23-2-2015 10:00:55 UTC

amjohnston@zai.co.za



Proof of Correspondence with I&APs - Courier Waybills

GlobeFlight 24 hours 365		Head Office: Johannesburg 0861 388 883 Branches: Bloubaan East London Pietermaritzburg Cape Town George Port Elizabeth Durban Nelspruit Pretoria www.globeflight.co.za Reg. No. 1998/09052/07/VAT NO. 4650178351		7210341083	
CAVE	ACCOUNT NUMBER	COPIES	SHIPPER'S REFERENCE	ORIGIN	DESTINATION (NO. OF PIECES)
20-2-15	PO0918		ems0062/kw 04100/0KG10		1
SHIPPER (YOUR NAME) <i>A. Walsdorff</i>			TO (RECIPIENT'S NAME) <i>Ms Mmatlala Rabothata</i>		
COMPANY NAME CSIR - STELLENBOSCH.			COMPANY NAME <i>Nat Dept of Environmental Affairs</i>		
STREET ADDRESS JAN CILLIERS STREET			STREET ADDRESS <i>Environment House</i>		
STELLENBOSCH			473 Steve Biko Road		
CITY CPT			CITY <i>Pretoria</i>		
COUNTRY			COUNTRY <i>S. A.</i>		
POST/ZIP CODE 7600			POST/ZIP CODE 0001		
TELEPHONE NUMBER & E-MAIL 021 888 2400			TELEPHONE NUMBER & E-MAIL <i>012 - 3951768</i>		
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS BY 11:00		SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09:00	
GLOBAL MAIL		BUDGET CARGO 24-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT		ROAD FREIGHT		AFTER HOURS	
CROSS BORDER ROAD FREIGHT		CUSTOMS VALUE		IMPORT & EXPORT CODE	
HAZARDOUS CARGO? YES NO		INSURANCE YES NO		DESCRIPTION OF COMMENTS <i>Documents</i>	
AMOUNT		DATE <i>20-2-15</i> TIME		DATE TIME	

TOP COPY - P.O.D.; 2ND COPY - CONSIGNEE; 3RD COPY - ACCOUNTS; BOTTOM COPY - SENDER'S COPY

GlobeFlight 24 hours 365		Head Office: Johannesburg 0861 388 883 Branches: Bloubaan East London Pietermaritzburg Cape Town George Port Elizabeth Durban Nelspruit Pretoria www.globeflight.co.za Reg. No. 1998/09052/07/VAT NO. 4650178351		7210341084	
CAVE	ACCOUNT NUMBER	COPIES	SHIPPER'S REFERENCE	ORIGIN	DESTINATION (NO. OF PIECES)
20-2-15	PO0918		ems0062/kw 04100/0KG10		1
SHIPPER (YOUR NAME) <i>A. Walsdorff</i>			TO (RECIPIENT'S NAME) <i>Ms Yugeshipa Govender</i>		
COMPANY NAME CSIR - STELLENBOSCH.			COMPANY NAME <i>KZN Dept of Agriculture + Environmental Affairs</i>		
STREET ADDRESS JAN CILLIERS STREET			STREET ADDRESS <i>eThekweni Region (Prov Authority), 357 Dr. Pixley</i>		
STELLENBOSCH			<i>Kosene Street (Old West St), 16th Floor, Murchies</i>		
CITY CPT			CITY <i>Passage, Eagle Building, Durban</i>		
COUNTRY			COUNTRY <i>S. A.</i>		
POST/ZIP CODE 7600			POST/ZIP CODE 4001		
TELEPHONE NUMBER & E-MAIL 021 888 2400			TELEPHONE NUMBER & E-MAIL <i>031 - 302 2861</i>		
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS BY 11:00		SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09:00	
GLOBAL MAIL		BUDGET CARGO 24-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT		ROAD FREIGHT		AFTER HOURS	
CROSS BORDER ROAD FREIGHT		CUSTOMS VALUE		IMPORT & EXPORT CODE	
HAZARDOUS CARGO? YES NO		INSURANCE YES NO		DESCRIPTION OF COMMENTS <i>Documents</i>	
AMOUNT		DATE <i>20-2-15</i> TIME		DATE TIME	

TOP COPY - P.O.D.; 2ND COPY - CONSIGNEE; 3RD COPY - ACCOUNTS; BOTTOM COPY - SENDER'S COPY

		Head Office: Johannesburg 0861 388 883 Branches: Bloemfontein East London Cape Town George Durban Nelspruit Pietermaritzburg Fort Elizabeth Pretoria				2710341085	
DATE: 20-2-15		ACCOUNT NUMBER: P00918		SWIFTS REFERENCE: EMS0062/KW 0410010KG10		ORIGIN: 1	
SHIPPER (YOUR NAME): A Walsdorff				TO (RECIPIENT'S NAME): Ms Diane van Rensburg			
COMPANY NAME: CSIR - STELLENBOSCH.				COMPANY NAME: eThekweni Municipality: EIA Hub			
STREET ADDRESS: JAN CILLIERS STREET				STREET ADDRESS: 166 KE Masinga Road			
STELLENBOSCH				CITY: Durban			
CITY: CPT				CITY: Durban			
COUNTRY:				COUNTRY: S.A.			
POST/ZIP CODE: 7600				POST/ZIP CODE: 4001			
TELEPHONE NUMBER & E-MAIL: 021 888 2400				TELEPHONE NUMBER & E-MAIL: 031-311 7136			
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS BY 11H00		SAME DAY		IMPORT & EXPORT CODE	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00		SPECIAL DELIVERIES	
GLOBAL MAIL		BUDGET CARGO 24-48 HRS		SATURDAY DELIVERY		DOCUMENTS	
AIRFREIGHT		ROAD FREIGHT		AFTER HOURS		DOCUMENTS	
CROSS BORDER ROAD FREIGHT		CUSTOMS VALUE		RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS PRINT NAME: A TAYLOR		RECEIVED IN 8000-CRIBER AND CONDITION PRINT NAME:	
HAZARDOUS CARGO? YES NO		INSURANCE YES NO		SIGNATURE: Taylor		CONSIGNEE SIGNATURE:	
AMOUNT		DATE: 20-2-15		DATE:		DATE:	

TOP COPY - P.O.D. - 2ND COPY - CONSIGNEE - 3RD COPY - ACCOUNTS - BOTTOM COPY - SENDER'S COPY

Appendix F.3: Correspondence from I&APs Prior to Release of Draft EIA Report

Page 1 of 1

**Annick Walsdorff - DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE PROPOSED
SEA WATER REVERSE OSMOSIS PLANT, LOVU**

From: Diane VanRensburg <Diane.VanRensburg@durban.gov.za>
To: AWalsdorff@csir.co.za
Date: 23/02/2015 11:55
Subject: DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE PROPOSED SEA WATER
REVERSE OSMOSIS PLANT, LOVU

Dear Annick,

I hope you are well.

I received one hard copy and one CD copy of the above mentioned application.

However please note I require one more hard copy and 5 more CD copies of the full Final Scoping Report for circulation/comment by the relevant Municipal Departments.

Please provide the copies as soon as possible in order to facilitate the process.

Please acknowledge receipt of this email.

Kind Regards

Diane.

Please read this confidentiality disclaimer:

<http://www.durban.gov.za/Pages/edisclaimer.aspx>

**Annick Walsdorff - RE: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636**

From: "KarenM" <KarenM@daff.gov.za>
To: KStroebe1@csir.co.za
Date: 23/02/2015 12:36
Subject: RE: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636

Good day Ms. Stroebel

Could you kindly confirm if the document as per email below has been sent to DAFF.

Regards,

Karen

From: Kelly Stroebel [KStroebe1@csir.co.za]
Sent: 20 February 2015 02:24 PM
To: Annick Walsdorff
Subject: Notice of comment period for Final Scoping Report DEA Ref No: 14/12/16/3/3/2/636

Dear Stakeholder,

**Notice of Submission and Comment Period for the Final Scoping Report: Proposed construction,
operation and decommissioning of a Sea Water Reverse Osmosis Plant and associated
infrastructure proposed at Lovu on the KwaZulu-Natal South Coast**

(DEA EIA Ref No: 14/12/16/3/3/2/636).

Please see attached letter indicating the notification of **public comment period** for the **Final Scoping Report** for the above-mentioned project as well as notification of **change in project management team**. You are hereby invited to provide comments on the Draft Final Scoping Report.

Please note - comments on the Final Scoping Report should be submitted to the competent authority within **21 days** of the date of this notification, by the **16 March 2015**.

Yours sincerely,

Kelly Stroebel

Environmental Assessment Practitioner (EAP) Intern, Cand.Sci.Nat.
CSIR Environmental Management Services (EMS) Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432

**Annick Walsdorff - RE: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636**

From: "KarenM" <KarenM@daff.gov.za>
To: KStroebe1@csir.co.za
Date: 23/02/2015 14:56
Subject: RE: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636

Could you kindly email me a copy of the FSR for the proposed construction, operation and decommissioning of a Sea Water Reverse Osmosis Plant and associated infrastructure proposed at Lovu on the KwaZulu-Natal South Coast.

Regards,

Karen

From: Kelly Stroebe1 [KStroebe1@csir.co.za]
Sent: 23 February 2015 12:52 PM
To: KarenM
Subject: RE: Notice of comment period for Final Scoping Report DEA Ref No: 14/12/16/3/3/2/636

Good Day Karen,

Yes we have sent the Final Scoping Report to several representatives from DAFF.

Kind Regards,
Kelly Stroebe1

Kelly Stroebe1

Environmental Assessment Practitioner (EAP) Intern, Cand.Sci.Nat.
CSIR Environmental Management Services (EMS) Stellenbosch

kstroebel@csir.co.za
Tel. : [021 888 2432](tel:0218882432)

**Annick Walsdorff - FW: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636**

From: "Judy Marx (ER)" <MarxJ@nra.co.za>
To: "'KStroebel@csir.co.za'" <KStroebel@csir.co.za>
Date: 24/02/2015 08:04
Subject: FW: Notice of comment period for Final Scoping Report DEA Ref No:
14/12/16/3/3/2/636

G'Day

No further comments from the South African National Road Agency SOC Ltd.

Kind regards



Ms Judy Marx

Statutory Control / IT
Tel: +27 33 392 8123
Fax:
Cell: 078 120 7452
Email: Marxi@nra.co.za



**Are you ready?
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Eastern Region
58 Van Eck Place Mkhondeni, Scottsville
P O Box 100410
www.bfa.co.za
SANRAL Fraud Hotline: 0800204558

**Annick Walsdorff - FW: EIA FOR PROPOSED SEA WATER REVERSE OSMOSIS PLANT
AT LOVU, KZN SOUTH COAST : COMMENTS ON DRAFT SCOPING REPORT**

From: <cwoollaston@ilovo.co.za>
To: <KStroebel@csir.co.za>, <awalsdorff@csir.co.za>
Date: 25/02/2015 11:33
Subject: FW: EIA FOR PROPOSED SEA WATER REVERSE OSMOSIS PLANT AT
LOVU, KZN SOUTH COAST : COMMENTS ON DRAFT SCOPING REPORT
CC: <DSutherland@ilovo.co.za>, <apitts@ilovo.co.za>, <PTostee@ilovo.co.za>
Attachments: 2657_001.pdf; PTO LETTER CSIR 13 10 14.pdf; 3283_001.pdf

Good morning Mrs Walsdorff

I refer to the above matter and in particular to your Notice dated 23rd February 2015 regarding a public comment period for the Final Scoping Report you are managing on behalf of Umgeni Water, as well as the change of particulars in project manager. Whilst we do not have any comment to this stage of the process specifically, I do wish to draw your attention to the email below which was addressed to your Mr K Moodley on 13th October last year and to which I received the attached emailed response.

Can you advise the status of the signed documentation on behalf of Umgeni Water?

Thanks in advance and regards

Candice Woollaston

Legal and Property Manager

Illovo Sugar (South Africa) Limited

Mobile: +27 72 820 1873 | Tel: +27 31 508 4374 | Email: cwoollaston@ilovo.co.za

Building 3c, Gleneagles Office Park, 10 Flanders Drive, Mount Edgecombe

PO Box 194, Durban, South Africa

www.illovosugar.com

The Illovo Sugar Group adopts a zero tolerance approach to bribery and corruption. Please report any suspicious activity to Deloitte Tip-offs Anonymous at 0800 455 686, email : ilovo@tip-offs.com or Freepost KZN 138, Umhlanga Rocks 4320

To read the email disclaimer/confidentiality statement, click here [Illovo Sugar Limited Disclaimer](#).

From: Candice Woollaston - Head Office

Sent: Monday, October 13, 2014 12:04 PM

To: 'kmoodley1@csir.co.za'

Cc: Vee Luthuli - Sezela; David Sutherland - Sezela

Subject: EIA FOR PROPOSED SEA WATER REVERSE OSMOSIS PLANT AT LOVU, KZN SOUTH COAST :
COMMENTS ON DRAFT SCOPING REPORT

Good morning Mr Moodley

I represent both Illovo Sugar Limited and Illovo Sugar (South Africa) Limited, the registered landowners of a number of properties situate at Lovu / Lower Illovo on the KZN South Coast, and hereby acknowledge receipt of your letter / notification dated 10th September 2014.

I confirm that we have previously provided our permission for Aurecon (acting on the instructions of Umgeni Water) to carry out the feasibility study for the abovementioned project, however, point out that this

authority was given upon certain conditions. We similarly require conditions to be accepted by you, on behalf of Umgeni Water, for the carrying out of your environmental impact assessment.

As such, please find attached :-

1. A copy of your notification duly completed so as to ensure that I receive all further communications issued by you in this project; and
2. Our letter of grant regarding accessing our properties for the purpose of the assessment.

I further confirm that this communication shall also be sent to you via ordinary and registered post.

Thanking you in anticipation

Yours faithfully

Candice Woollaston

Legal and Property Manager

Illovo Sugar (South Africa) Limited

Mobile: +27 72 820 1873 | Tel: +27 31 508 4374 | Email: cwoollaston@illovo.co.za

Building 3c, Gleneagles Office Park, 10 Flanders Drive, Mount Edgecombe

PO Box 194, Durban, South Africa

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To read the email disclaimer/confidentiality statement, click here [Illovo Sugar Limited Disclaimer](#).

Annick Walsdorff - Afternoon,

From: "MinentleB" <MinentleB@daff.gov.za>
To: AWalsdorff@csir.co.za
Date: 05/03/2015 16:13
Subject: Afternoon,
Attachments: image001.jpg; SBIZHUB C4515030515501.pdf

Afternoon,

Kindly find the attached acknowledgement letter.

Kind regards

Khunjulwa Minentle Baleni

Directorate: Forestry Regulations and Support
Department of Agriculture, Forestry and Fisheries
Tel: [\(033\) 392 7728](tel:0333927728)
Fax: [\(033\) 342 8783](tel:0333428783)
Web: www.daff.gov.za
E-mail: MinentleB@daff.gov.za





agriculture, forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

F ☎: 086 260 4377

📧 DAFF

✉ Ms. K.M Baleni

T 📠: 033 392 7731

Forestry Regulations & Support

03 March 2015



MinentleB@daff.gov.za

P/Bag X9029

Pietermaritzburg

3200

CSIR Environmental Management Services
P.O. Box 320
Stellenbosch
7599

Attention: Mr A. Walsdorff

**PROPOSED CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA WATER
REVERSE OSMOSIS PLANT AND ASSOCIATED INFRASTRUCTURE PROPOSED AT LOVU
KWAZULU-NATAL DEA EIA 14/12/16/3/3/2/636**

This letter serves as a notice of receipt for the above mentioned document(s) dated **23 February 2015**.

Should any further information be required, please do not hesitate to contact this office.

Yours faithfully

Ms. K.M Baleni


.....

Forestry Regulations & Support

KZN

>>> Michele Schmid <michele.schmid@Kzntransport.gov.za> 03/03/2015 12:34 >>>

Good afternoon Kelly,

Please confirm has a hard copy been send to us as yet?

"The LORD be with you!" "The LORD bless you!" 🌸 🌸

Michéle Schmid | Engineering Services: Road Control
Office: 033 355 0581 **Fax:** 033 342 3962 **Cell:** 082 902 0120



transport

Department:

Transport

Province of KwaZulu-Natal

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KZN DEPARTMENT OF TRANSPORT

This e-mail and its contents are subject to the KZN Department Of Transport e-mail [legal notice and disclaimer](#)

Annick Walsdorff - Comment Period for Final Scoping Report: Proposed Construction of Sea Water Reverse Osmosis

From: "Iris Canham" <iris@motherofpeace.org.za>
To: PLochner@csir.co.za; "awalsdorff@csir.co.za"@ls-mx2.csir.co.za
Date: 13/03/2015 15:40
Subject: Comment Period for Final Scoping Report: Proposed Construction of Sea Water Reverse Osmosis
CC: mrabothata@environment.gov.za
Attachments: Comment on Sea Water Reverse Osmosis.pdf1-signed.pdf

Dear Annick,

Thank you for affording us the opportunity as interested parties to comment on the aforementioned proposal.

Attached hereto, kindly find our comments as Mother of Peace, Illovo Community.

Warm Regards,

Iris

Iris Canham
Mother of Peace –Illovo, Building Families, Building a Nation
General Manager
Tel: [031 916 2299](tel:0319162299) Cell : 074 440 6085
iris@motherofpeace.org.za www.motherofpeace.org.za

"Together as a nation, we have the obligation to put sunshine into the hearts of our little ones. They are our precious possessions. They deserve what happiness life can offer" Nelson Mandela



P.B.O.: 930023806
Incorporated not for gain
Section 21: 2005/004210/08

Mother of Peace - Illovo

*Building Families
Building a Nation*

Tel: +27 31 916-2299
Fax: +27 86 608 8234
Box 7047, Illovo, ZA, 4150

13 March 2015

Attention : Annick Waldorff

Cc Paul Lochner

Mmatlala Rabothatha

Dear Ms Waldorff

COMMENT FOR THE FINAL SCOPING REPORT: PROPOSED CONSTRUCTION OF SEA WATER REVERSE OSMOSIS REFERENCE 14/12/16/3/3/2/636

The abovementioned subject and final scoping report has reference.

Kindly note the objections and concerns of the Mother of Peace (MoP) Illovo community as stipulated below:

1. The needs of the associated use: activity vs land use as stipulated in the introduction, chapter 1, the impact on the land use on sensitive and cultural use seems to take little consideration that the part of the proposed site falls directly onto the Mother of Peace Illovo recreation site which is a football field. In addition, part of the recreation site has been earmarked for sustainable projects use.
2. There has been reference to a low impact on the surrounding areas in terms of noise (point 2, chapter 1), stipulating that there are no residence, businesses or land use. Mother of Peace, Illovo is not a Children's Home as referred to in your document but rather an intentional community for orphaned and vulnerable children. This community is made up of 123 people who live in the community supporting the wellbeing children through various projects and programmes. Furthermore, the Organisation employs an additional 30 people. There is an Early Childhood Development Centre that supports the surrounding community of Inkwali and a Primary School on site. Furthermore, there are small scale sustainable projects that support the needs of the community.
3. In terms of visual character/sense of place, the construction will have an impact on MoP; on the visual aesthetics. The statement that the preferred site is not used for recreational activity and out of view from most residences is untrue. The site will have a visual intrusion

Mother of Peace Community sees it as its mission to aid children in distress, serving particularly those who are victims of the HIV/AIDS scourge, caring for abandoned children by providing the structure of a home and family, maintaining language and cultural traditions as far as possible and bringing up the children to be responsible, functional members of society.

Community Leader & Management Committee Chair: Gavin Gradwell 082 200 9614
Section 21 Chairman: Philip King 031 916-4969
www.motherofpeace.org.za - info@motherofpeace.org.za



impact as MoP is not just adjacent to the preferred site but will take a portion of the land.

Kindly take into consideration, the above and provide clarity on the impact of noise, impact on our community, environmental analysis and health and wellbeing as a community situated a few metres from the preferred plant. We appreciate a detailed implication on Mother of Peace outlining whether the approval of the desalination plant would imply a relocation of our community.

Thanking you in advance for your response.

Yours sincerely,



Iris Canham

General Manager

Annick Walsdorff - comments for the final scoping report for the proposed construction, operation and decommissioning of a sea water reverse osmosis plant and associated infrastructure

From: "Patience Matamba" <PatienceMa@daff.gov.za>
To: PLochner@csir.co.za; AWalsdorff@csir.co.za
Date: 16/03/2015 14:55
Subject: comments for the final scoping report for the proposed construction, operation and decommissioning of a sea water reverse osmosis plant and associated infrastructure
Attachments: image001.jpg; Comments for the Final scoping Report for the construction, Operation and Decommissioning of Sea Water.pdf

Good Day Mrs. Annick Walsdorff and Mr. Paul Lochner

Kindly find attached comments for the final scoping report for the proposed construction, operation and decommissioning of sea water reverse osmosis plant and associated infrastructure

Kind regards

Mmbudzeni Patience Matamba

Intern
Directorate: Forestry Regulations & Support
Department of Agriculture, Forestry and Fisheries
Tel: [033 392 7733](tel:0333927733)
Fax: [033 342 8783](tel:0333428783)
Web: www.daff.gov.za
E-mail: PatienceMa@daff.gov.za



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REPUBLIC OF SOUTH AFRICA

F 033 342 8783

DAFF

Ms N. Sontangane

T 033 392 7738

Forestry Regulations & Support

16 March 2014

NandiphaS@daff.gov.za

P/Bag X9029

Pietermaritzburg

3200

CSIR Consulting and Analytical Services

P O Box 320

Stellenbosch

7599

Attention: Mrs. Annick Walsdorff and Mr. Paul Lochner

**COMMENTS FOR THE FINAL SCOPING REPORT FOR THE PROPOSED
CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA WATER
REVERSE OSMOSIS PLANT AND ASSOCIATED INFRASTRUCTURE, PROPOSED
AT LOVU ON THE KWAZULU NATAL SOUTH COAST. DEA EIA REF NO:
14/12/16/3/3/2/636**

The Department of Agriculture, Forestry and Fisheries (DAFF) appreciates the opportunity given to review and comment on the FSR received on the 3rd of March 2015 for the above mentioned development.

The department acknowledges that the concerns and requirements outlined in the comments previously issued, dated 19/05/2014 and 29/10/2014 are incorporated and addressed in the FSR. Furthermore, a terrestrial ecological study (TES) has been conducted by a specialist for the proposed sites. This study indicates that a patch of natural forest was identified along the pipeline route and it will be negatively impacted upon. Natural forests are protected in terms section 7 of the National Forests Act, 1998 (Act No. 84 of 1998) as amended.

Please note that this are not DAFF's final comments, further comments will be issued upon receipt and review of the Draft Environmental Impact Assessment Report followed by a site visit. This report should include a detailed TES, the state of the natural forest and the extent that the pipeline may impact on natural forest.

This letter does not exempt you from considering other environmental legislations.

Should any further information be required, please do not hesitate to contact this office.

Yours faithfully

N. Sontangane



.....

Forestry Regulations & Support – KZN

**Annick Walsdorff - FW: Comment Period for Final Scoping Report: DEA Ref. No.:
14/12/16/3/3/2/636: EIA for Proposed Construction, Operation and Decommissioning of Sea
Water Reverse Osmosis Plant and Associated Infrastructure - Lovu KZN**

From: Phumi Ndlovu <Phumi.Ndlovu@umgeni.co.za>
To: "Annick Walsdorff (AWalsdorff@csir.co.za)" <AWalsdorff@csir.co.za>
Date: 16/03/2015 13:59
Subject: FW: Comment Period for Final Scoping Report: DEA Ref. No.: 14/12/16/3/3/2/636: EIA
for Proposed Construction, Operation and Decommissioning of Sea Water Reverse
Osmosis Plant and Associated Infrastructure - Lovu KZN
CC: Kevin Meier <Kevin.Meier@umgeni.co.za>, "Mike Shand(Mike.Shand@aurecongr..."

Hi Annick

Please note below comment from owners of Mother of Peace organisation.

Regards
Phumi Ndlovu

From: Bongani Khumalo [bonganiik@vodamail.co.za]
Sent: 16 March 2015 12:48 PM
To: mrabothata@environment.gov.za; owalsdorff@csir.co.za; plochner@csir.co.za
Cc: Phumi Ndlovu; McKenzie Dixon Attorneys
Subject: Comment Period for Final Scoping Report: DEA Ref. No.: 14/12/16/3/3/2/636: EIA for Proposed
Construction, Operation and Decommissioning of Sea Water Reverse Osmosis Plant and Associated
Infrastructure - Lovu KZN

Hi!

It has just come to our notice that you propose the above project at iLovu and we want to lodge an objection to the situation of your "Preferred Site" for the undertaking. Although your documentation refers to the site being adjacent to "Mother of Peace" organisation, it actually encroaches and takes a big chunk of the property occupied by Mother of Peace. The said property is Portion 2 of the Farm Lot 15 No. 7773 and it was transferred under Deed of Transfer T18914/2003 to Community Care Centres which in turn transferred it to Operation Jumpstart NPC. It is our desire to oppose the arbitrary confiscation or appropriation (if that is what it is) of this land because it is land used for the benefit of the local community through its lease to Mother of Peace (vide Notarial Deed of Lease K4164/05).

We would therefore appreciate if you could also consult with us as interested parties before you take any further step so that dialogue may be entered into and merits of the matter be discussed.

BONGANI KHUMALO
EXECUTIVE DIRECTOR
TEL: [031 201 3770](tel:0312013770) / 3964 / 3490
FAX: 031 201 1835 / 086 584 2338
EMAIL: bonganiik@vodamail.co.za
WEBSITE: www.operationjumpstart.info

This email has been scanned by Umgeni Water Symantec Email Security.cloud service.

**Annick Walsdorff - DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE PROPOSED
CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA WATER
REVERSE OSMOSIS PLANT, LOVU**

From: Diane VanRensburg <Diane.VanRensburg@durban.gov.za>
To: mrabothata@environment.gov.za; AWalsdorff@csir.co.za
Date: 18/03/2015 08:09
Subject: DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE PROPOSED
CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA WATER
REVERSE OSMOSIS PLANT, LOVU

Dear Mmatlala and Annick,

Please be advised that I will be providing consolidated comments on the above mentioned Final Report.

However, as I only received the CD copies of the document for circulation/comment by the relevant Municipal Departments on the 10 March 2015 I will need an extension in the comment period.

I will do my best to get the comments to you by 31 March 2015.

Please acknowledge receipt of this email.

Kind Regards
Diane van Rensburg
EIA HUB eThekweni Municipality
Please read this confidentiality disclaimer:

<http://www.durban.gov.za/Pages/edisclaimer.aspx>

**Annick Walsdorff - Fwd: DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE
PROPOSED CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA
WATER REVERSE OSMOSIS PLANT, LOVU**

From: "MMatlala Rabothata" <MRabothata@environment.gov.za>
To: Diane.VanRensburg@durban.gov.za; AWalsdorff@csir.co.za
Date: 23/03/2015 18:31
Subject: Fwd: DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE PROPOSED CONSTRUCTION,
OPERATION AND DECOMMISSIONING OF A SEA WATER REVERSE OSMOSIS PLANT, LOVU

Dear Danie,

Please be advised to send the hard copy to the department in order to receive the formal response.

Regards,

Ms Mmatlala Rabothata
Department of Environmental Affairs
Private Bag X 447
Pretoria
0001

Environment House 473 Steve Biko Road
Tel: [012 399 9372](tel:0123999372)
Fax:
email: mrabothata@environment.gov.za

**Annick Walsdorff - FW: DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE
PROPOSED CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA
WATER REVERSE OSMOSIS PLANT, LOVU**

From: Diane VanRensburg <Diane.VanRensburg@durban.gov.za>
To: mrabothata@environment.gov.za; AWalsdorff@csir.co.za
Date: 08/04/2015 08:36
Subject: FW: DPM/EIA 647B(S): FINAL SCOPING REPORT FOR THE PROPOSED
CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA
WATER REVERSE OSMOSIS PLANT, LOVU
Attachments: 201504080807.pdf

Dear Annick and Mmatlala,

Attached please find the consolidated comments regarding the above mentioned application.

Please acknowledge receipt of the comments.

Regards
Diane.



SUSTAINABLE DEVELOPMENT & CITY ENTERPRISES
Development Planning, Environment & Management Unit

166 K E Masinga Road, Durban, 4001
P O Box 680, Durban, 4000
Tel: 031 311 1111, Fax: 031 311 7776
www.durban.gov.za

Our Ref.: (21/11) DPM/EIA 647B(S)
DEA Ref: 14/12/16/3/3/2/636
Enquiries: Mrs D. van Rensburg
Telephone: 031 – 3117136

7 April 2015

CSIR
P.O. Box 17001
Durban
4013

Attention: Annick Walsdorff

Dear Sir/Madam,

**RE: FINAL SCOPING REPORT FOR THE PROPOSED CONSTRUCTION,
OPERATION AND DECOMMISSIONING OF A SEA WATER REVERSE OSMOSIS
PLANT AND INFRASTRUCTURE PROPOSED AT LOVU.**

With reference to the abovementioned Final Scoping Report please be advised that various Municipal Departments have had sight of the proposal and the following comments are submitted for your attention:-

1. eThekweni Electricity Department.

The Electricity Department has no objection however please note;

- 1.1. The applicant must consult eThekweni Electricity's mains records (held in the drawing office at eThekweni Electricity Headquarters, 1 Jelf Taylor Crescent, for the presence of underground electrical services. In addition should any overhead line and/or servitude be affected, the specific permission of the Head: Electricity must be sought regarding the proposed development.
- 1.2. The relocation of MV/LV electrical services, if required in order to accommodate the proposed development, will be carried out at the expense of the applicant.

2. Environmental Planning and Climate Protection Department.

This Department has reviewed the Final Scoping Report prepared for the proposed Lovu Desalination Plant project. The following comments are presented.

- 2.1. This Department is satisfied that the Plan of Study for the Environmental Impact Assessment phase has included the issues and concerns raised during the Scoping phase.

This Department will continue to engage as part of the Environmental Impact Assessment process.

3. Land Use Management Branch.

This property falls outside the Scheme Area, therefore a Chapter 4 application in terms of the PDA is required.

4. Framework Planning Branch.

The Strategic Spatial Planning Branch has no objections to the proposed construction operation and decommissioning of a sea water reverse osmosis plant and associated infrastructure at Lovu.

5. eThekweni Transport Authority.

No comment

6. Environmental Health Department.

No comment.

7. Parks, Leisure and Cemeteries Department.

The Parks Leisure and Cemeteries Department has no objection to the construction of the Reverse Osmosis Desalination Plant subject to the following conditions.

- 7.1. The intake and discharge pipes will cross the river via a tunnel and the river banks and wetland areas will be fully rehabilitated.
- 7.2. The exact pipeline route through the forest has to be surveyed in order to establish the route of least damage and full rehabilitation will be undertaken.
- 7.3. All storage and operational use of any chemicals including the biocides will be separated and will be enclosed by properly waterproofed and roofed bunding to a standard which can accommodate a minimum of 2.5 times the projected maximum storage limits and automatic safety cut offs (dead man's switch) will be installed on any water supply or pipes, valves or drains associated with the removal of waste products and chemicals.
- 7.4. There will be compensation and offset for the loss of Municipal property and its associated Dune Forest.

8. Geotechnical Engineering Branch.

No further comment at this stage.

9. Coastal, Stormwater and Catchment Management.

This Department has no further requirements.

10. eThekweni Water and Sanitation Department.

No further comment received.

11. Durban Solid Waste.

This Department has no further requirements for this proposal.

12. Disaster Management.

No objection from Disaster Management.

13. Fire Safety.

The Fire Department has no objection to this project provided that building plans for any buildings associated with this processing plant are submitted for approval.

Should you seek clarification on any of the above issues, please contact the writer on telephone: 031 - 3117136 or via e-mail: diane.vanrensburg@durban.gov.za In addition, the Department requests that a copy of the Environmental Authorisation be emailed to the same address.

Yours faithfully



**ACTING HEAD: DEVELOPMENT PLANNING, ENVIRONMENT AND
MANAGEMENT**

Copy To:
Mmatlala Rabothata
Department of Environmental Affairs
Private Bag X447
Pretoria
0001

Annick Walsdorff - Proposed construction, operation and decommissioning of a 150 ML/Day sea water reverse osmosis (SWRO) Plant and associated infrastructure proposed by Umgeni water at LOVU DEA REFERENCE NUMBER:14/12/16/3/3/2/636

From: "LesleyS" <LesleyS@daff.gov.za>
To: <kmoodley1@csir.co.za>
Date: 12/08/2015 15:22
Subject: Proposed construction, operation and decommissioning of a 150 ML/Day sea water reverse osmosis (SWRO) Plant and associated infrastructure proposed by Umgeni water at LOVU DEA REFERENCE NUMBER:14/12/16/3/3/2/636
CC: "LufunoS" <LufunoS@daff.gov.za>

Good day

Kindly send us the property description of the application.

Regards
Lesley

From: Michele Schmid <michele.schmid@Kzntransport.gov.za>
To: "kmoodley1@csir.co.za" <kmoodley1@csir.co.za>, "awalsdorff@csir.co.za" <awalsdorff@csir.co.za>
Date: 16/09/2015 15:32
Subject: P398-2_EIA_SEA WATER REVERSE OSMOSIS_Final Scoping_resp
Attachments: 20yrheader_5b184a83-8180-4772-a89d-733e69b66102.jpg; P398-2_EIA_SEA WATER REVERSE OSMOSIS_resp_2.pdf; P398-2_EIA_SEA WATER REVERSE OSMOSIS_resp.pdf

Good day,

With reference to your letter dated 19 May 2015. Please be advised this Department has no further comments to add. Our previous comments still stand, please would you find attached for ease of reference.

Thanking you.

"The LORD be with you!" "The LORD bless you!" [Description: Description: cid:image013.gif@01CD2EA6.31BCAD70]

Michèle Schmid | Engineering Services: Road Control
KZN Department of Transport
Street Address: 224 Prince Alfred St, Pietermaritzburg, 3201
Postal Address: Private Bag X9043, Pietermaritzburg, 3200
Office: 033 355 0581 Fax: 033 342 3962 Cell: 082 902 0120
e-mail: michele.schmid@kzntransport.gov.za<mailto:michele.schmid@kzntransport.gov.za>
Web Pages: <http://www.kzntransport.gov.za>; <http://www.kzntransportgis.co.za/transport>

KZN DEPARTMENT OF TRANSPORT

Appendix F.4: Correspondence from I&APs Prior to Release of Draft EIA Report

Letter 4 to I&APs



CSIR Environmental Management Services
PO Box 320 Stellenbosch 7599 South Africa
Tel: +27 21 888 2661
Fax: +27 21 888 2693
Email: awalsdorff@csir.co.za

03 November 2015

Dear Stakeholder

RE: NOTICE OF RELEASE OF DRAFT EIA REPORT FOR COMMENT AND INVITATION TO PUBLIC MEETING: Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast (DEA EIA Reference Number: 14/12/16/3/2/636)

Umgeni Water is proposing to construct and operate a desalination plant at Lovu on the KwaZulu-Natal (KZN) South Coast using Sea Water Reverse Osmosis (SWRO) technology. The proposed plant will produce 150 Ml/day of freshwater when at final capacity, and will have an average inflow rate of 389 Ml/day. As you are aware, the Council for Scientific and Industrial Research (CSIR) has been appointed by Umgeni Water Amanzi (hereinafter referred to as Umgeni Water) (i.e. the Project Applicant), to undertake the Environmental Assessment Process required for the abovementioned proposed project. The proposed project is being assessed in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations, published in Government Notice (GN) R543, R544, R545 and R546 on 18 June 2010 (as amended).

The proposed project triggers listed activities in GN R544, R545 and R546 which requires a full Scoping and EIA Process. An Application for Environmental Authorisation was lodged with the National Department of Environmental Affairs (DEA) (i.e. the Competent Authority) in December 2013, in terms of the 2010 NEMA EIA Regulations (prior to the promulgation of the 2014 EIA Regulations), and the abovementioned reference number has been allocated to the application. Since the release of the Final Scoping Report, further feasibility studies have been undertaken by the Project Applicant, which have provided additional details regarding the proposed project. Linked to this, certain listed activities are no longer applicable to the proposed project, and as such an Amended Application for Environmental Authorisation is currently being submitted to the National DEA.

The operation of the proposed desalination plant requires a Coastal Waters Discharge Permit in terms of the National Environmental Management: Integrated Coastal Management Act (Act 24 of 2008) in order to enable the disposal and discharge of effluent to sea. The permit has been submitted to the DEA Branch: Oceans and Coasts (Directorate: Coastal Pollution Management). In addition, the proposed project requires a Water Use Licence in terms of the National Water Act (Act 36 of 1998) as a result of activities that will take place within the Lovu River and within 500 m of identified wetlands. Additional information regarding the need for a Water Use Licence is provided in the Draft EIA Report. The Water Use Licence Application is planned to be submitted to the KZN Department of Water and Sanitation during the release of the Final EIA Report.

RELEASE OF DRAFT EIA REPORT AND AVAILABILITY

In line with the above, as a registered Interested and Affected Party (I&AP) on the project database, you are hereby notified of the release of the Draft EIA Report to all I&APs for a 40-day review period, which will extend from **04 November 2015 to 14 December 2015**. Please find enclosed, an Executive Summary of the Draft EIA Report (including a Comment and Registration Form), which provides an overview of the proposed project, as well as the findings of the specialist studies and impact assessment undertaken as part of the EIA Process. Kindly complete the enclosed Comment and Registration Form in order to submit any comments you may have. Please submit the completed form to the CSIR Project Manager at the contact details provided above by **14 December 2015**.

Hard copies of the Draft EIA Report are available for public viewing at the Kingsburgh Public Library (Hall Road, Warner Beach, 4126). The Draft EIA Report can also be downloaded from the following project website: <http://www.csir.co.za/eia/LovuDesalination/>

INVITATION TO PUBLIC MEETING

All I&APs are invited to attend a Public Meeting (details provided below), where an overview of the proposed project and the findings of the Draft EIA Report will be provided. I&APs will also be provided with the opportunity to raise queries or comments during the Public Meeting. Representatives from the CSIR and Umgeni Water will be present to engage with I&APs.

DATE	TIME	VENUE
17 November 2015	19H00	Amarzintoti Civic Centre

All comments received from I&APs during the 40-day review of the Draft EIA Report will be included in the Final EIA Report which will be submitted to the National DEA and the Water Use Licence Application will be submitted to the KZN Department of Water and Sanitation for decision making. Should you have any queries or require additional information please do not hesitate to contact the undersigned using the contact details provided above.

Sincerely,

Annick Walsdorff
CSIR EIA Project Manager/CSIR Environmental Management Services

Board members: Prof T. Majazi (Chairperson), Adv G. Badela, Ms P. Baleni, Dr P. Goyns, Dr A. Lioeili,
Dr R. Masango, Ms M. Maseko, Mr J. Netshitenzhe, Ms A. Noah, Prof M. Phakeng, Dr S. Sibisi (CEO)

www.csir.co.za

Sibingelela Ababambe iqhaza

RE: ISAZISO NGOKUKHULULWA KOMBIKO WOKUQALA WOCWANINGO LOKUNGENZEKA KWIMVELO (ENVIRONMENTAL IMPACT ASSESSMENT - EIA) UKUZE KUBEKWE IMIBONO KANYE NESIMEMO SOMHLANGANO WOMPHEKATHI: Ukwakhiwa, Ukusebenzisa nokulawla kwe-Mboni eCwenga Amanzi oLwandle (Sea Water Reverse Osmosis Plant), kanye nezindlu ezizohambisana ne-Mboni, ehlongozwe ukwenziwa eLovu, kwiNingizimu yoGu la-KwaZulu-Natal (Inombolo yeReferensi ye-DEA EIA: 14/12/16/3/32/636)

Umgeni Water uhlongoza ukwakha nokusebenzisa iMboni yokukhipha usawoti emanzini kwindawo yase Lovu, kwi ningizimu yoGu la-KwaZulu-Natal, ngokusebenzisa ubuchwepheshe obubizwa nge Sea Water Reverse Osmosis (SWRO). Le-Mboni ehlongozwe izokhiqza amanzi ahlanzekile angango 150 wamalitha uma isisebenza ngokuphelele, ilinganiselwe ukuba izongenisa amanzi angamalitha awu 388 ngosuku. Njengoba besenaziwe, iCouncil for Scientific and Industrial Research (CSIR) ikhethwe UMgeni Water Amanzi (emva kwalokhu ezobizwa ngokuthi UMgeni Water) (i.e. Umfakisicelo), ukuthi iphathe ughubo lokuHlolwa ngokweMvelo ngale Projekthi engenhla ehlongozwayo. LeProjekthi ehlongozwayo iowaningwa ngokuhambiselana neMithethonqubo ye-Environmental Impact Assessment enyathelise kwisaziso sikaHulumeni Government Notice (GN) R543, R544, R546 kanye no R546 ngo 18 June 2010 ngaphansi komthetho i-National Environmental Management Act (Act 107 of 1998, njengoba uchitshiyelwe).

LeProjekthi ehlongozwe ithinta lemisebenzi ebalwe kwi GN R544, R546 kanye ne R546 edinga uQhubo lwe Scoping kanye ne EIA egowele. Isicelo sokugunyazwa ngokweMvelo sifakiwe kuMnyango wezeMvelo kaZwelonke (National Department of Environmental Affairs (DEA)) (i.e. Abanegunya) ngo December 2013, mayelana neMithethonqubo ka 2010 ye NEMA (ngaphambi kokuba kunyathelise iMithethonqubo ye EIA ka 2014), inombolo yereferensi ebhalwe ngaphezulu iyona eyabelwe lesi-sicelo. Kusakela ukukhululwa koMbiiko we Scoping wamaphethelo, ezinye izifundo ngokungenzeka zenziwe umfakisicelo, lezifundo ziveze imininingwane engezwe mayelana neprojekthi ehlongozwe. Okuzumane nalokhu, eminye imisebenzi ekade ibaliwe ayisaqondene nale-projekthi ehlongozwe, kanjalo Isicelo sokugunyaza ngokweMvelo esichitshiyelwe siyafakwa njengamanje ku DEA kaZwelonke.

NgokoMthetho we National Environmental Management i-Integrated Coastal Management Act (Act 24 of 2008), ekuwumthetho omayelana nezokuphatwa koGu, ukusebenza kwaleMboni ehlongozwe kudinga imvume ebizwa nge Coastal Discharge Permit evumela ukuchitha nokulala amanzi ayimfucuzwa olwandle. Le-Mvume isithunyelwe kwiGatsha lika DEA elibizwa ngo Oceans and Coasts (Leziphatimandla: Eziphatheleni nokungcoliswa koGu, phecelezi abakwa Coastal Pollution Management). Ngaphezu kwalokho, NgokoMthetho iNational Water Act (Act 36 of 1998) leprojekthi ehlongozwe idinga ilayisensi yokusebenzisa amanzi, ngenxa yemisebenzi ezobe isenzeka kuMfula iLovu, kanye nakwindawo engamamitha angu 500 ekhonywe ngokuba amaxhaphozi. Ulwazi olungeziwe mayelana nesidingo se layisensi yokusebenzisa amanzi luyatholakala kwi Draft EIA Report. Isicelo se Layisensi yokuSebenzisa Amanzi sikhoswe ukuba sithunyelwe kuMnyango wase KZN we-Water and Sanitation ngesikhathi ekuzobe kukhishwa ngaso uMbiiko wokugcina we-EIA.

UKUKHISHWA KOMBIKO WE-DRAFT EIA NOKUTHOLAKALA KWABATHINTEKAYO

Njengomuntu owabhalisa ngokuthinteka nokubaneqhaza (Interested and Affected Party (I&AP)) mayelana nemininingwane ye projekthi, siyakwazi ngokukhishwa koMbiiko we-Draft EIA ukuba bonke abanesifiso bangenise imibono yabo phakathi kwezinsuku ezingu-40, kusukela **04 November 2015 to 14 December 2015**. Okuhambisana nalencwadi isifinyezo Esphezulu (kanye ne fomu lokubhalisa nokubeka umbono), enikeza uhlojikelele lwe projekthi ehlongozwe, kanye nemiphumela yezifundo zoonqubo noowaningo lwemithetho eyenziwe kuqhubo lwe-EIA. Uyaocelwa ukuba ugawalise leifomu ukuze uthumele imibono onganabanyo. Uyaocelwa ukuba uthumele ifomu eligowaliswe kuMphakathi we Projekthi e CSIR kulemininingwane enikeziwe kungakadluli umhlaka **14 December 2015**.

Amakhophi ombiko we-Draft EIA ayatholakala ukuba abukwe umphakathi kuMtapo wolwazi eKingsburgh (Hall Road, Warner Beach, 4126). Umbiko we-Draft EIA uyatholakala futhi nakule-website: <http://www.csir.co.za/eia/Lovu/Desalination/>

ISIMEMO SOMHLANGANO WOMPHEKATHI

Bonke abathintekayo nabaneqhaza bayamanywa ukuba babekhona kumhlango womphekhathi (mininingwane ingezansi), lapho uhlojikelele lwe-projekthi ehlongozwe kanye nokutholakele ngoMbiiko we-Draft EIA kuzonikezwa. Abathintekayo nabaneqhaza bazonikezwa ithuba lokuba babuze imibuzo noma babeke imibono emhlanganweni. Abamele iCSIR kanye nabamele Umgeni Water bazobe bekhona ukuba baxoxisane nabathintekayo noma abaneqhaza.

USUKU	ISIKHATHI	INDAWO
17 November 2015	19H00	Amanzimtoti Civic Centre

Isinyathelo esilandelayo kuqhubo lwe-EIA luzobandakanya ukubhalwa kombiko wokugcina we-EIA kanye nayo yonke imibono etholwe kwabathintekayo naba-neqhaza kulesikhathi sezinsuku ezingu 40 zokuhlola Umbiko we-Draft EIA. Uma sewuphuthuliwe Umbiko wokugcina we-EIA uzothunyelwa kuMnyango wezeMvelo kaZwelonke, isicelo seLayisensi yokuSebenzisa Amanzi sifakwe kuMnyango wamanzi wase KZN ukuze leminyango ithathe isinqumo. Njengobhalisile ukuba uyathinteka noma uneqhaza kwimininingwane ye projekthi, uzokwaziwa ngokwenqwadi ngokuthunyelwa koMbiiko we-EIA yokugcina kanye neLayisensi yokuSebenzisa Amanzi, kanye nemiphumela yesinqumo.

Uma udinga ukwazi kabanzi noma unemibuzo ngeprojekthi ungathinta umphathi we projekthi, imininingwane yakhe ibhalwe ngaphezulu.

Ozithobayo,



Annick Walsoorff
CSIR Umphathi weProjekthi ye-EIA/CSIR Environmental Management Services

Board members: Prof T. Majazi (Chairperson), Adv G. Badela, Ms P. Baleni, Dr P. Gojns, Dr A. Llobell, Dr R. Masango, Ms M. Maseko, Mr J. Nelshizhe, Ms A. Noah, Prof M. Phakeng, Dr S. Sibisi (CEO)

www.csir.co.za


Proof of Correspondence with I&APs - Registered Mail and normal post Receipts

Name & Signature of person responsible for post: F. H. H. H. H. H.

17 items – REGISTERED POST (Lovu – Sent on 03 November 2015)

EMS0062 / RUN / 04100 / 0KG10

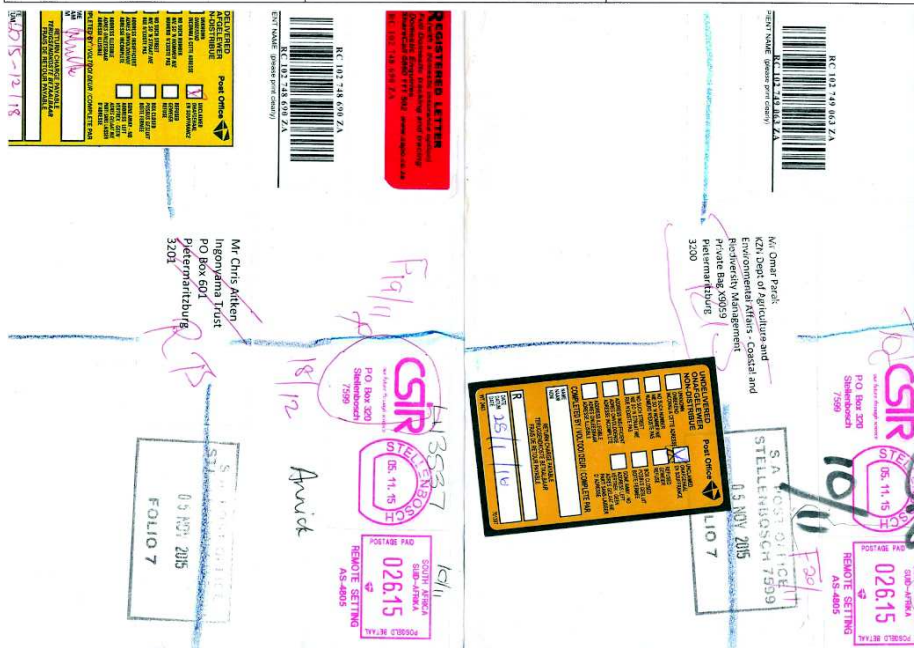
Ms Mavis Padayachee Dept of Agriculture, Environmental Affairs & Rural Development: Environmental Impact Management (South Region) Private Bag X6005 Hilton 3245	Mrs J Reddy Department of Transport Private Bag X9043 Pietermaritzburg 3200	Ms Angela Masefield KwaZulu Natal Dept of Water Affairs PO Box 1018 Durban 4000
Jeffrey Maivha Dept of Agriculture, Forestry & Fisheries Forestry Regulations and Support Private Bag X9029 Pietermaritzburg 3200	Ms Nerissa Pillay Ezemvelo KwaZulu-Natal Wildlife 1 Peter Brown Drive Cascades 3202	Ms Carolyn Schwegman Coastwatch KZN PO Box 343 Pennington 4184
Mr Mulalo Tshikotshi Dept of Environmental Affairs: Oceans and Coasts PO Box 52126 Cape Town 8002	Mr Omar Parak KZN Dept of Agriculture and Environmental Affairs - Coastal and Biodiversity Management Private Bag X9059 Pietermaritzburg 3200	ClIr Thami Magubane eThekweni Municipality: Ward Councillor (Ward 98) PO Box 1014 Durban 4000
Mr Chris Aitken Ingonyama Trust PO Box 601 Pietermaritzburg 3201	Department of Public Works Portion 1 of Lot 15 No 7773 Private Bag X54315 Durban 4000	Illovo Sugar South Africa LTD PO Box 194 Durban 4000
eThekweni Municipality PO Box 680 Durban 4000	SANRAL PO Box 100410 Scottsville 3209	South African Rail Commuter Corp. LTD PO Box 785 Bedfordview 2008
Southern Umlazi SR CC (eThekweni Municipality) Rem of Erf 206 of Kingsburgh No 0163 PO Box 680 Durban; 4000	Transnet LTD PO Box 72501 Parkview 2122	

Name & Signature of person responsible for post: F. Heubach  4/10/2015

10 items – NORMAL POST (Lovu – Sent on 03 November 2015)

EMS0062 / RUN / 04100 / OKG10

Jan Albert Hendrik Brits 43 Ocean View Road Winklespruit Kingsburgh 4126	Carel Stapelberg 4 Eastern Glen Road Winklespruit Kingsburgh 4126	Michael Walter Techet 52 Ocean View Road Winklespruit Kingsburgh 4126
Gopaul Kanniappen 1 Lantana Road Winklespruit Kingsburgh 4126	Venketa Ramadu 56 Poss Road Illovo Lower Illovo 4126	Meyer Xania 63 Poss Road Illovo Lower Illovo 4126
Marri Varaden Marrie 52 Poss Road Illovo Lower Illovo 4126	Anthony Cedrick Thomas Portion 139 of Lower Illovo No 17126 30 Draeger Road Illovo Lower Illovo 4126	Ms Gerda Kriel Biota Southern Africa 12 Avond Street Vredendal North 8161
Anthony Cedrick Thomas Portion 140 of Lower Illovo No 17126 26 Draeger Road Illovo Lower Illovo 4126		





Project: Proposed construction, operation and decommissioning of a Sea Water Reverse Osmosis Plant and associated infrastructure proposed at Lovu on the KwaZulu-Natal South Coast

Reference: DEA EIA Reference Number: 14/12/16/3/3/2/636

Proof of Hand Delivery:

Delivery of:

Package including:

- 1 x Hard Copy of the Draft EIA Report

Delivery to:

Librarian
Kingsburgh Library
Hall Road, Warner Beach, 4126
Tel: 031 322 9031

Name of Recipient/Signed for by:	S. SHUBBALLY
Organisation:	KINGSBURGH LIBRARY
Designation:	LIBRARY ASSISTANT
Date:	04-11-15
Signature of Recipient:	

Delivered by:

Delivered by (on behalf of CSIR):	B.C. Ngcobo
Organisation:	CSIR
Designation:	Driver
Date:	04-11-15
Signature:	

Letter 5 to I&APs



CSIR Environmental Management Services
PO Box 320 Stellenbosch 7599 South Africa
Tel: +27 21 888 2661
Fax: +27 21 888 2693
Email: awalsdorff@csir.co.za

03 December 2015

Dear Stakeholder

Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast (DEA EIA Reference Number: 14/12/16/3/3/2/636)

NOTICE OF EXTENSION OF COMMENT PERIOD ON DRAFT EIA REPORT

Umgeni Water is proposing to construct and operate a desalination plant at Lovu on the KwaZulu-Natal (KZN) South Coast using Sea Water Reverse Osmosis (SWRO) technology. The proposed plant will produce 150 Ml/day of freshwater when at final capacity, and will have an average inflow rate of 389 Ml/day. As you are aware, the Council for Scientific and Industrial Research (CSIR) has been appointed by Umgeni Water Amanzi (hereinafter referred to as Umgeni Water) (i.e. the Project Applicant), to undertake the Environmental Assessment Process required for the abovementioned proposed project. The proposed project is being assessed in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations, published in Government Notice (GN) R543, R544, R545 and R546 on 18 June 2010 (as amended).

The proposed project triggers listed activities in GN R544, R545 and R546 which requires a full Scoping and EIA Process. An Application for Environmental Authorisation was lodged with the National Department of Environmental Affairs (DEA) (i.e. the Competent Authority) in December 2013, in terms of the 2010 NEMA EIA Regulations (prior to the promulgation of the 2014 EIA Regulations), and the abovementioned reference number has been allocated to the application. Since the release of the Final Scoping Report, further feasibility studies have been undertaken by the Project Applicant, which have provided additional details regarding the proposed project. Linked to this, certain listed activities are no longer applicable to the proposed project, and as such an Amended Application for Environmental Authorisation is currently being submitted to the National DEA.

The operation of the proposed desalination plant requires a Coastal Waters Discharge Permit in terms of the National Environmental Management: Integrated Coastal Management Act (Act 24 of 2008) in order to enable the disposal and discharge of effluent to sea. The permit has been submitted to the DEA Branch: Oceans and Coasts (Directorate: Coastal Pollution Management). In addition, the proposed project requires a Water Use Licence in terms of the National Water Act (Act 36 of 1998) as a result of activities that will take place within the Lovu River and within 500 m of identified wetlands. Additional information regarding the need for a Water Use Licence is provided in the Draft EIA Report. The Water Use Licence Application is planned to be submitted to the KZN Department of Water and Sanitation during the release of the Final EIA Report.

RELEASE OF DRAFT EIA REPORT AND AVAILABILITY

In line with the above, as a registered Interested and Affected Party (I&AP) on the project database, you are hereby notified of the extension of the comment period for the Draft EIA Report until the **31 January 2016**. Kindly complete the enclosed Comment and Registration Form in order to submit any comments you may have. Please submit the completed form to the CSIR Project Manager at the contact details provided above by **31 January 2016**.

Hard copies of the Draft EIA Report are available for public viewing at the Kingsburgh Public Library (Hall Road, Warner Beach, 4128). The Draft EIA Report can also be downloaded from the following project website: <http://www.csir.co.za/eia/LovuDesalination/>

All comments received from I&APs during this commenting period of the Draft EIA Report will be included in the Final EIA Report which will be submitted to the National DEA for decision making.

Should you have any queries or require additional information please do not hesitate to contact the undersigned using the contact details provided above.

Sincerely,

Annick Walsdorff
CSIR EIA Project Manager/CSIR Environmental Management Services

Board members: Prof T. Majazi (Chairperson), Adv G. Babela, Ms P. Baleni, Dr P. Goyns, Dr A. Löbel,
Dr R. Masango, Ms M. Masoko, Mr J. Nelshitenzhe, Ms A. Noah, Prof M. Phakeng, Dr S. Sibisi (CEO)

www.csir.co.za



CSIR Environmental Management Services
PO Box 320 Stellenbosch 7599 South Africa
Tel: +27 21 888 2661
Fax: +27 21 888 2693
Email: awalsdorff@csir.co.za

Sibingelela Ababambe iqhaza

03 December 2015

Ukwakhiwa, Ukusebenzisa nokuvalwa kwe-Mboni eCwenga Amanzi oLwandle (Sea Water Reverse Osmosis Plant), kanye nezindlu ezizohambisana ne-Mboni, ehlongozwe ukwenziwa eLovu, kwiNingizimu yoGu la-KwaZulu-Natal (Inombolo yeReferensi ye-DEA EIA: 14/12/16/3/3/2/636)

ISAZISO SOKWENGEZA ISIKHATHI SOKUBEKA UMUBONO NGOMBIKO WE-EIA WOKUQALA

UMgeni Water uhlangoza ukwakha nokusebenzisa iMboni yokukhipha usawoti emanzini kwindawo yase Lovu, kwi ningizimu yoGu la-KwaZulu-Natal, ngokusebenzisa ubuchwepheshe obubizwa nge Sea Water Reverse Osmosis (SWRO). Le-Mboni ehlongozwe izokhiqiza amanzi ahlanzekile angango 150 wamalitha uma isisebenza ngokuphelele, linganiselwe ukuba izongenisa amanzi angamalitha awu 389 ngosuku. Njengoba besenzisiwe, iCouncil for Scientific and Industrial Research (CSIR) ikhethwe UMgeni Water Amanzi (emva kwalokhu ezobizwa ngokuthi UMgeni Water) (i.e. Umfakisielo), ukuthi iphathe uqhubo lokuHolwa ngokweMvelo ngale Projekthi engenhlalahlalwe ehlongozwayo. LeProjekthi ehlongozwayo iwaningwa ngokuhambiselana neMithethonqubo ye-Environmental Impact Assessment enyathelisiwe kwisaziso sikaHulumeni Government Notice (GN) R543, R544, R545 kanye no R546 ngo 18 June 2010 ngaphansi komthetho i-National Environmental Management Act (Act 107 of 1998, njengoba uchitshiyelwe).

LeProjekthi ehlongozwe ithinta lemisebenzi ebalili kwi GN R544, R545 kanye ne R546 edinga uqhubo lwe Scoping kanye ne EIA egqwelile. Isicelo sokugunyazwa ngokweMvelo sifakiwe kuMnyango wezeMvelo kaZwelonke (National Department of Environmental Affairs (DEA)) (i.e. Abanegunya) ngo December 2013, mayelana neMithethonqubo ka 2010 ye NEMA (ngaphambi kokuba kunyathelisiwe iMithethonqubo ye EIA ka 2014), inombolo yereferensi ebhaliwe ngaphezulu yona eyabelwe lesi-sicelo. Kusukela ukukhululwa koMbiko we Scoping wamaphethelo, ezinye izifundo ngokungenzeka zenziwe uMfakisielo, lezifundo ziveze iminingwane engezwe mayelana neprojekthi ehlongozwe. Okuxhumene nalokhu, eminye imisebenzi ekade ibaliwe ayisaqondene nale-projekthi ehlongozwe, kanjalo Isicelo sokugunyazwa ngokweMvelo esichitshiyelwe siyafakwa njengamanje ku DEA kaZwelonke.

NgokoMthetho we National Environmental Management: i-Integrated Coastal Management Act (Act 24 of 2008), ekwumthetho omayelana nezokuphathwa koGu, ukusebenza kwaleMboni ehlongozwe kudinga imvume ebizwa nge Coastal Discharge Permit evumela ukuchitha nokulahlala amanzi ayimfucuzwa olwandle. Le-Mvume isithunyelwe kwGatsha lika DEA elibizwa ngo Oceans and Coasts (Leziphathimandla: Eziphatheleni nokungooliswa koGu, phecelezi abakwa Coastal Pollution Management). Ngaphezu kwalokho, NgokoMthetho iNational Water Act (Act 36 of 1998) leprojekthi ehlongozwe idinga ilayisensi yokusebenzisa amanzi, ngenxa yemisebenzi ezobe isenzeka kuMfula iLovu, kanye nakwindawo engamamitha angu 500 ekhonjwe ngokuba amaxhaphozi. Ulwazi olungeziwe mayelana nesidingo se layisensi yokusebenzisa amanzi luyatholakala kwi Draft EIA Report. Isicelo se Layisensi yokuSebenzisa Amanzi sihlolwe ukuba sithunyelwe kuMnyango wase KZN we-Water and Sanitation ngesikhathi ekuzobe kukhishwa ngaso uMbiko wokugcina we-EIA.

UKUKHISHWA KOMBIKO WE-DRAFT EIA NOKUTHOLAKALA KWABATHINTEKAYO

Njengomuntu owabhalisa ngokuthinteka nokubaneqhaza (Interested and Affected Party (I&AP)) mayelana neminingwane ye projekthi, siyakwaziya ngokwengezwa kwesikhathi sokubeka umubono mayelana no-mbiko wokuqala we-EIA, isikhathi sesigona ngomhla 31 January 2016. Uyacelwa ukuba ugcalise lelifomu ukuze uthumele imibono ongabanayo. Uyacelwa ukuba uthumele ifomu eligcalisiwe kuMphakathi we Projekthi e CSIR kuleminingwane enikeziwe kungakadluli umhla 31 January 2016.

Amakhophi ombiko we-Draft EIA ayatholakala ukuba abukwe umphakathi kuMtapo wowazi eKingsburgh (Hall Road, Warner Beach, 4126). Umbiko we-Draft EIA uyatholakala futhi nakule-website: <http://www.csir.co.za/eia/LovuDesalination/>

Yonke imibono etholwe kwabathintekayo nabaneqhaza kulesikhathi sokubeka imibono soMbiko wokuqala we-EIA, izofakwa kuMbiko we-EIA wokugcina ozothunyelwa kuMnyango wezeMvelo kaZwelonke ukuze uthathe isinqumo.

Uma udinga ukwazi kabanzi noma unemibuzo ngeprojekthi ungathinta umphathi we projekthi, iminingwane yakhe ibhaliwe ngaphezulu.

Ozithobayo.

Annick Walsdorff

CSIR Umphathi weProjekthi ye-EIA/CSIR Environmental Management Services

Board members: Prof T. Majod (Chairperson), Adv G. Badela, Ms P. Baieni, Dr P. Goyns, Dr A. Llobell, Dr R. Masango, Ms M. Maseko, Mr J. Netshitenzhe, Ms A. Noah, Prof M. Phakeng, Dr S. Sibisi (CEO)

www.csir.co.za

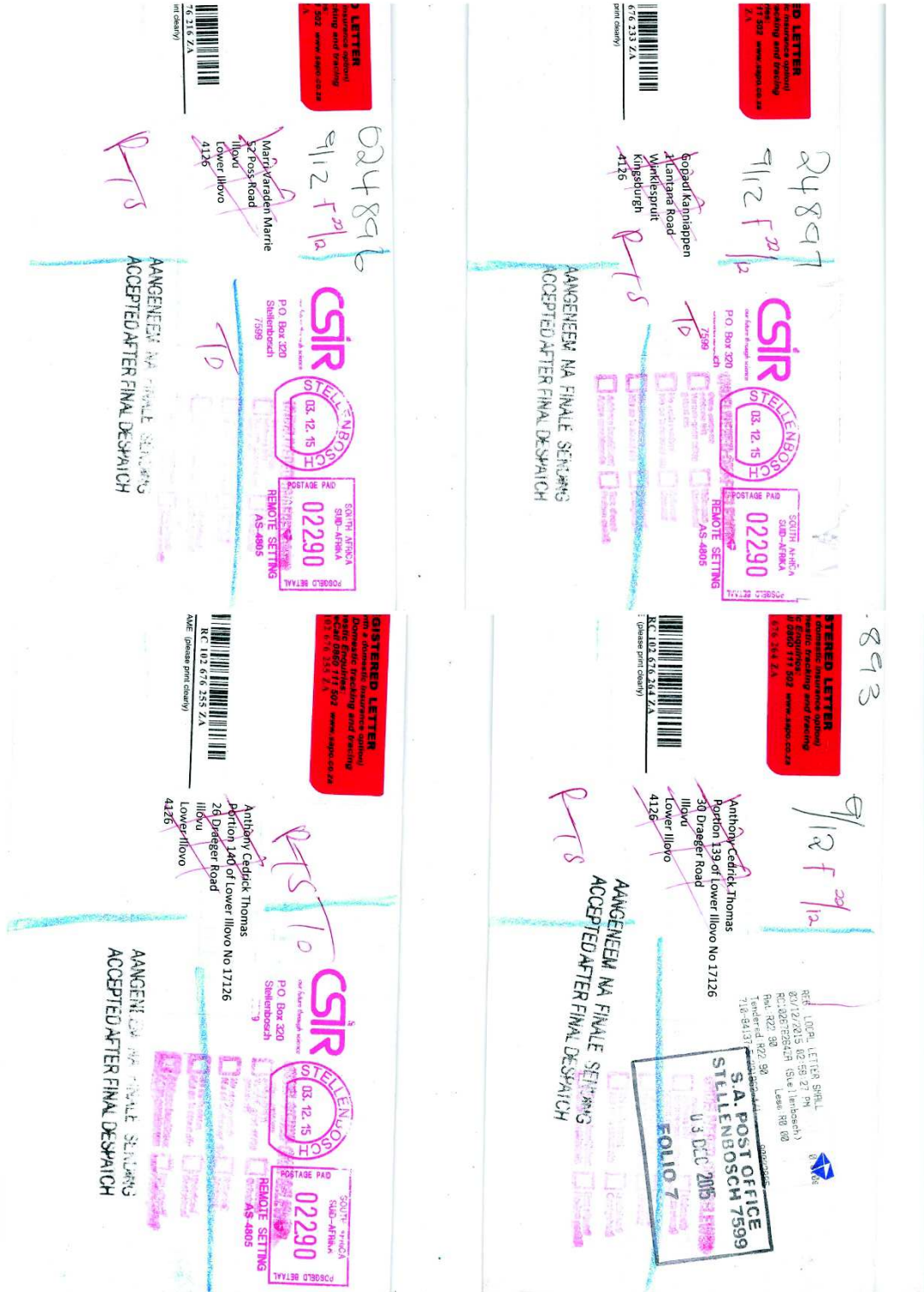
Name & Signature of person responsible for post: F. Hartogh 

19 items – REGISTERED POST (Lovu – Sent on 03 December 2015)

EMS0062 / RUN / 04100 / OKG10

02/12/2015

Mr Chris Aitken Ingonyama Trust PO Box 601 Pietermaritzburg 3201	Mrs J Reddy Department of Transport Private Bag X9043 Pietermaritzburg 3200	Illovo Sugar South Africa LTD PO Box 194 Durban 4000
Transnet LTD PO Box 72501 Parkview 2122	Department of Public Works Portion 1 of Lot 15 No 7773 Private Bag X54315 Durban 4000	South African Rail Commuter Corp. LTD PO Box 785 Bedfordview 2008
eThekweni Municipality PO Box 680 Durban 4000	SANRAL PO Box 100410 Scottsville 3209	Michael Walter Techet 52 Ocean View Road Winklespruit Kingsburgh 4126
Southern Umlazi SR CC (eThekweni Municipality) Rem of Erf 206 of Kingsburgh No 0163 PO Box 680 Durban; 4000	Anthony Cedrick Thomas Portion 140 of Lower Illovo No 17126 26 Draeger Road Illovo Lower Illovo 4126	Meyer Xania 63 Poss Road Illovo Lower Illovo 4126
Jan Albert Hendrik Brits 43 Ocean View Road Winklespruit Kingsburgh 4126	Carel Stapelberg 4 Eastern Glen Road Winklespruit Kingsburgh 4126	Marri Varaden Marrie 52 Poss Road Illovo Lower Illovo 4126
Gopaul Kannappan 1 Lantana Road Winklespruit Kingsburgh 4126	Venketas Ramadu 56 Poss Road Illovo Lower Illovo 4126	Ms Gerda Kriel Biota Southern Africa 12 Avond Street Vredendal North 8161
	Anthony Cedrick Thomas Portion 139 of Lower Illovo No 17126 30 Draeger Road Illovo Lower Illovo 4126	





Email to I&APs (Release of DEIAR)

Annick Walsdorff - Notice of release of Draft EIA Report_SWRO plant, Lovu

From: Annick Walsdorff
To: Rohaida Abed; Annick Walsdorff
Date: 03/11/2015 14:47
Subject: Notice of release of Draft EIA Report_SWRO plant, Lovu
Bc: mmogorosi@environment.gov.za; HALberts@environment.gov.za; yugeshnie.g...
Attachments: DEIAR_Letter_English & Zulu.pdf

Dear Stakeholder,

NOTICE OF RELEASE OF DRAFT EIA REPORT FOR COMMENT AND INVITATION TO PUBLIC MEETING: Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast
(DEA EIA Ref No: 14/12/16/3/3/2/636).

Please see attached letter indicating the notification of **public comment period** for the **Draft EIA Report** and invitation to public meeting for the above-mentioned project. You are hereby invited to provide comments on the Draft EIA Report.

Please note - comments on the Draft EIA Report should be submitted to the CSIR Project Manager at the contact details provided in the letter by **14 December 2015**.

Yours sincerely,
Annick Walsdorff

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 89/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

Message Id: 5638AC04.21C : 63 : 45080
Subject: Notice of release of Draft EIA Report_SWRO plant, Lovu
Created By: AWalsdorff@csir.co.za
Scheduled Date:
Creation Date: 03/11/2015 14:47
From: Annick Walsdorff

Recipients:

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**Annick Walsdorff - NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft EIA Report_SWRO
Plant, LOVU**

From: Annick Walsdorff
To: Annick Walsdorff
Date: 03/12/2015 08:55
Subject: NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft EIA Report_SWRO Plant,
LOVU
Bc: mmogorosi@environment.gov.za; HALberts@environment.gov.za; yugeshnie.g...
Attachments: DEIAR_Letter_English & Zulu_ExtPP.pdf

Dear Stakeholder,

**Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant
and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast**

(DEA EIA Ref No: 14/12/16/3/3/2/636).

NOTICE OF EXTENSION OF COMMENTING PERIOD

Please see attached letter indicating the notification of the **extension** of the **public comment period** for the **Draft EIA Report**. You are hereby invited to provide comments on the Draft EIA Report.

Please note - comments on the Draft EIA Report should be submitted to the CSIR Project Manager at the contact details provided in the letter by **31 January 2016**.












Yours sincerely,
Annick Walsdorff









Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 89/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

Message Id: 585FE75B.BCE : 63 : 45080
Subject: NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft EIA Report_SWRO Plant, LOVU
Created By: AWalsdorff@csir.co.za
Scheduled Date:
Creation Date: 03/12/2015 08:55
From: Annick Walsdorff

Recipients:

Recipient	Action	Date & Time	Comment
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BC: natasha.brjaj@kzndard.gov.za(natasha.brjaj@kzndard.gov.za)	Delivered	03/12/2015 08:55
 kznded.gov.za	Transferred	03/12/2015 08:55
BC: Beires@kznded.gov.za(Beires@kznded.gov.za)	Delivered	03/12/2015 08:55
BC: MatshekeA@kznded.gov.za(MatshekeA@kznded.gov.za)	Delivered	03/12/2015 08:55
BC: parako@kznded.gov.za(parako@kznded.gov.za)	Delivered	03/12/2015 08:55

 POBOX1.0TELLBOS	Delivered	03/12/2015 08:55
To: Annick Walsdorf(AWalsdorf@csir.co.za)		
	Downloaded	03/12/2015 08:58 04/12/2015 11:39
 kzntransport.gov.za	Transferred	03/12/2015 08:55
BC: Michele.schmid@kzntransport.gov.za(Michele.schmid@kzntransport.gov.za)	Delivered	03/12/2015 08:55
BC: Roy.Ryan@kzntransport.gov.za(Roy.Ryan@kzntransport.gov.za)	Delivered	03/12/2015 08:55
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BC: Dinesree.Thambu@kznwildlife.com(Dinesree.Thambu@kznwildlife.com)	Delivered	03/12/2015 08:55
BC: pillaya@kznwildlife.com(pillaya@kznwildlife.com)	Delivered	03/12/2015 08:55
 me.com	Transferred	03/12/2015 08:55
BC: kuben.samie@me.com(kuben.samie@me.com)		
 motherofpeace.org.za	Transferred	03/12/2015 08:55
BC: gavin@motherofpeace.org.za(gavin@motherofpeace.org.za)	Delivered	03/12/2015 08:55
BC: iris@motherofpeace.org.za(iris@motherofpeace.org.za)	Delivered	03/12/2015 08:55
 mweb.co.za	Transferred	03/12/2015 08:55
BC: amafa.pmb2@mweb.co.za(amafa.pmb2@mweb.co.za)	Delivered	03/12/2015 08:55
BC: preno@mweb.co.za(preno@mweb.co.za)	Delivered	03/12/2015 08:55
 nda.agric.za	Transferred	03/12/2015 08:55
BC: Annelizac@nda.agric.za(Annelizac@nda.agric.za)		
 nra.co.za	Transferred	03/12/2015 08:55
BC: LandmanC@nra.co.za(LandmanC@nra.co.za)	Delivered	03/12/2015 08:55
BC: ManJ@nra.co.za(ManJ@nra.co.za)	Delivered	03/12/2015 08:55
 ojfund.co.za	Transferred	03/12/2015 08:55
BC: info@ojfund.co.za(info@ojfund.co.za)	Undeliverable	03/12/2015 08:55
 pmmbrust.org	Transferred	03/12/2015 08:55
BC: nac@pmmbrust.org(nac@pmmbrust.org)	Delivered	03/12/2015 08:55
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BC: pmotooled@prasa.com(pmotooled@prasa.com)	Delivered	03/12/2015 08:55
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 rone.co.za	Transferred	03/12/2015 08:55
BC: Rob.crankshaw@rone.co.za(Rob.crankshaw@rone.co.za)	Delivered	03/12/2015 08:55
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BC: secretary@saasoa.com(secretary@saasoa.com)	Delivered	03/12/2015 08:55
 sahra.org.za	Transferred	03/12/2015 08:55
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BC: paul.daphne@sanparks.org(paul.daphne@sanparks.org)	Delivered	03/12/2015 09:08
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 skylec.co.za	Transferred	03/12/2015 08:55
BC: andreb@skylec.co.za andreb@skylec.co.za)	Delivered	03/12/2015 08:55
 telkomsa.net	Transferred	03/12/2015 08:55
BC: afromatza@telkomsa.net afromatza@telkomsa.net)	Delivered	03/12/2015 08:55
BC: peterdee@telkomsa.net peterdee@telkomsa.net)	Delivered	03/12/2015 08:55
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BC: Johan.van_Heerden@transnet.net Johan.van_Heerden@transnet.net)	Delivered	03/12/2015 08:55
BC: Rodney.Murray2@Transnet.net Rodney.Murray2@transnet.net)	Delivered	03/12/2015 08:55
BC: Simphiwe.Mazibuko@transnet.net Simphiwe.Mazibuko@transnet.net)	Delivered	03/12/2015 08:55
 umgeni.co.za	Transferred	03/12/2015 08:55
BC: Kevin.Meier <Kevin.Meier@umgeni.co.za> (Kevin.Meier@umgeni.co.za) Kevin.Meier@umgeni.co.za)	Delivered	03/12/2015 08:55
BC: PhumiNdlovu (phumi.ndlovu@umgeni.co.za) phumi.ndlovu@umgeni.co.za (phumi.ndlovu@umgeni.co.za)	Delivered	03/12/2015 08:55
 visiondatasystems.co.za	Transferred	03/12/2015 08:55
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 webmail.co.za	Transferred	03/12/2015 08:55
BC: edwindwyer@webmail.co.za edwindwyer@webmail.co.za)		
BC: nirensingh@webmail.co.za nirensingh@webmail.co.za)		
 websurfer.co.za	Transferred	03/12/2015 08:55
BC: lon@websurfer.co.za lon@websurfer.co.za)		
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 yahoo.co.uk	Transferred	03/12/2015 08:55
BC: anguspyte@yahoo.co.uk anguspyte@yahoo.co.uk)	Delivered	03/12/2015 08:55
 zai.co.za	Transferred	03/12/2015 08:55
BC: amjohnston@zai.co.za amjohnston@zai.co.za)		

Proof of Correspondence with I&APs - Courier Waybills

		Head Office: Johannesburg 0861 388 855 Branches: Bloemfontein East London Polokwane Bids George Port Elizabeth Cape Town Durban Newcastle Pietermaritzburg www.globeflight.com Reg No: 1998/06952/07/VAT NO: 4650175351			2714273901
4 Nov 2015 P01521 SHIPPER (YOUR NAME) Annick Walsdorf COMPANY NAME CSIR - STELLENBOSCH STREET ADDRESS JAN CILLIERS STR CITY STELLENBOSCH CPT COUNTRY: RSA POST/ZIP CODE: 7550 TELEPHONE NUMBER & E-MAIL		ems0062kwn 04100fokg10 TO (RECIPIENT'S NAME) Ms Dinesree Thambu COMPANY NAME QEP STREET ADDRESS 1 Peter Braam Drive CITY Montrose CITY Pietermaritzburg COUNTRY: S.A. POST/ZIP CODE: 3201 TELEPHONE NUMBER & E-MAIL 033-8451425		IMPORT & EXPORT CODE	
021 888 2400 GLOBAL DOCUMENT EXPRESS GLOBAL PARCEL EXPRESS GLOBAL MAIL AIRFREIGHT CROSS BORDER ROAD FREIGHT CUSTOMS VALUE		OVERNIGHT EXPRESS IN CITY DELIVERY BUDGET CARGO 24-48 HRS ROAD FREIGHT 48-96 HRS		SAME DAY DAWN DELIVERY BY 0900 SATURDAY DELIVERY AFTER HOURS	
HAZARDOUS CARGO? YES NO INSURANCE YES NO AMOUNT:		RECEIVED BY (SIGNATURE AND CONDITION) PRINT NAME SIGNATURE DATE TIME		Documents	

		Head Office: Johannesburg 0861 388 855 Branches: Bloemfontein East London Polokwane Bids George Port Elizabeth Cape Town Durban Newcastle Pietermaritzburg www.globeflight.com Reg No: 1998/06952/07/VAT NO: 4650175351			2714273902
3-11-15 P01521 SHIPPER (YOUR NAME) Annick Walsdorf COMPANY NAME CSIR - STELLENBOSCH STREET ADDRESS JAN CILLIERS STR CITY STELLENBOSCH CPT COUNTRY: RSA POST/ZIP CODE: 7550 TELEPHONE NUMBER & E-MAIL		ems0062kwn 04100fokg10 TO (RECIPIENT'S NAME) Ms Mathodi Mogaosi COMPANY NAME Nat Dept of Environmental Affairs STREET ADDRESS Environment House CITY Pretoria COUNTRY: S.A. POST/ZIP CODE: 0001 TELEPHONE NUMBER & E-MAIL 012-399 9388		IMPORT & EXPORT CODE	
021 888 2400 GLOBAL DOCUMENT EXPRESS GLOBAL PARCEL EXPRESS GLOBAL MAIL AIRFREIGHT CROSS BORDER ROAD FREIGHT CUSTOMS VALUE		OVERNIGHT EXPRESS IN CITY DELIVERY BUDGET CARGO 24-48 HRS ROAD FREIGHT 48-96 HRS		SAME DAY DAWN DELIVERY BY 0900 SATURDAY DELIVERY AFTER HOURS	
HAZARDOUS CARGO? YES NO INSURANCE YES NO AMOUNT:		RECEIVED BY (SIGNATURE AND CONDITION) PRINT NAME SIGNATURE DATE TIME		Documents	

GlobeFlight
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Branches: Bloemfontein, East London, Polokwane, Port Elizabeth, George, Nelspruit, Pretoria, Cape Town, Durban, Pietermaritzburg, Richards Bay
www.globeflight.com
Reg. No. 1998/009032/071, VAT NO. 4650175361

2714273903

3-11-15 P01521
SHIPPER (YOUR NAME) **Annick Walsdoff**
COMPANY NAME **CSIR - STELLENBOSCH**
STREET ADDRESS **JAN CILLIERS STR**
CITY **STELLENBOSCH**
CPT **RSA** COUNTRY: **RSA** POST ZIP CODE: **7699**
TELEPHONE NUMBER & E-MAIL: **024 888 2400**

emsocwzrw
040010K910
TO (RECIPIENT'S NAME) **Ms Diane van Rensburg**
COMPANY NAME **eThekweni Municipality: EIA Hub**
STREET ADDRESS **166 KE Masinga Road**
CITY **Durban** COUNTRY: **S.A.** POST ZIP CODE: **4001**
TELEPHONE NUMBER & E-MAIL: **031-311 7136**

024 888 2400
GLOBAL DOCUMENT EXPRESS
GLOBAL PARCEL EXPRESS
GLOBAL MAIL
AIRFREIGHT
CROSS BORDER ROAD FREIGHT
CUSTOMS VALUE

OVERNIGHT EXPRESS
IN CITY DELIVERY
BUDGET CARGO 24-48 HRS
ROAD FREIGHT 48-96 HRS

SAME DAY
DAWN DELIVERY BY 09H00
SATURDAY DELIVERY
AFTER HOURS

HAZARDOUS CARGO? YES NO
INSURANCE YES NO
DATE **3-11-15** TIME

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: **A Taylor** SIGNATURE: *A Taylor*
DATE: **3-11-15** TIME

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: SIGNATURE: CONSIGNEE SIGNATURE: **Documents**

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: SIGNATURE: CONSIGNEE SIGNATURE:

TOP COPY - P.O.D.; 2ND COPY - CONSIGNEE; 3RD COPY - ACCOUNTS; BOTTOM COPY - SENDER COPY

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www.globeflight.com
Reg. No. 1998/009032/071, VAT NO. 4650175361

2714273905

3-11-15 P01521
SHIPPER (YOUR NAME) **Annick Walsdoff**
COMPANY NAME **CSIR - STELLENBOSCH**
STREET ADDRESS **JAN CILLIERS STR**
CITY **STELLENBOSCH**
CPT **RSA** COUNTRY: **RSA** POST ZIP CODE: **7699**
TELEPHONE NUMBER & E-MAIL: **024 888 2400**

emsocwzrw
040010K910
TO (RECIPIENT'S NAME) **Mr H Alberts**
COMPANY NAME **Nat Dept of Environmental Affairs**
STREET ADDRESS **Environment House**
CITY **Pretoria** COUNTRY: **S.A.** POST ZIP CODE: **0001**
TELEPHONE NUMBER & E-MAIL: **012-399 9371**

024 888 2400
GLOBAL DOCUMENT EXPRESS
GLOBAL PARCEL EXPRESS
GLOBAL MAIL
AIRFREIGHT
CROSS BORDER ROAD FREIGHT
CUSTOMS VALUE

OVERNIGHT EXPRESS
IN CITY DELIVERY
BUDGET CARGO 24-48 HRS
ROAD FREIGHT 48-96 HRS

SAME DAY
DAWN DELIVERY BY 09H00
SATURDAY DELIVERY
AFTER HOURS



HAZARDOUS CARGO? YES NO
INSURANCE YES NO
DATE **3-11-15** TIME



WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: **A Taylor** SIGNATURE: *A Taylor*
DATE: **3-11-15** TIME

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: SIGNATURE: CONSIGNEE SIGNATURE: **Documents**

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PRINT NAME: SIGNATURE: CONSIGNEE SIGNATURE:

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		Head Office: Johannesburg 0661 388 883 Branches: East London, Polokwane, Port Elizabeth, Pietermaritzburg, Richards Bay Bloemfontein, George, Nelspruit, Durban Cape Town, Durban www.globoflight.com Reg. No. 1998/005052/071/VAT NO. 4650175361				2714273907	
3-11-15 F01521		ems0062/RUN 0400/06K10		1		1 X X	
SHIPPER (YOUR NAME) Annick Walsdorff		TO (RECIPIENT'S NAME) Ms Nabasha Brijlal		COMPANY NAME KZN Dept of Econ Dev Tourism + Env Affairs		X X	
COMPANY NAME CSIR - STELLENBOSCH		STREET ADDRESS JAN CILLIERS STR		STREET ADDRESS 17th Floor Commercial City		X X	
CITY STELLENBOSCH		CITY Durban		CITY Durban		X X	
CPT RSA		POST/ZIP CODE 7599		POST/ZIP CODE SA 4001		X X	
TELEPHONE NUMBER & E-MAIL 021 888 2400		TELEPHONE NUMBER & E-MAIL 031-328 9300 / 079 898 0491		TELEPHONE NUMBER & E-MAIL 031-328 9300 / 079 898 0491		IMPORT & EXPORT CODE	
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		Head Office: Johannesburg 0661 388 883 Branches: East London, Polokwane, Port Elizabeth, Pietermaritzburg, Richards Bay Bloemfontein, George, Nelspruit, Durban Cape Town, Durban www.globoflight.com Reg. No. 1998/005052/071/VAT NO. 4650175361				2714273904	
3-11-15 F01521		ems0062/RUN 0400/06K10		1		1 X X	
SHIPPER (YOUR NAME) Annick Walsdorff		TO (RECIPIENT'S NAME) Ms Yvoneshnie Govender		COMPANY NAME KZN Dept of Agriculture + Env Affairs		X X	
COMPANY NAME CSIR - STELLENBOSCH		STREET ADDRESS JAN CILLIERS STR		STREET ADDRESS eThekweni Region (Provincial Authority)		X X	
CITY STELLENBOSCH		CITY Durban		CITY Durban		X X	
CPT RSA		POST/ZIP CODE 7599		POST/ZIP CODE SA 4001		X X	
TELEPHONE NUMBER & E-MAIL 021 888 2400		TELEPHONE NUMBER & E-MAIL 031-302 2861		TELEPHONE NUMBER & E-MAIL 031-302 2861		IMPORT & EXPORT CODE	
GLOBAL DOCUMENT EXPRESS GLOBAL PARCEL EXPRESS GLOBAL MAIL AIRFREIGHT		OVERNIGHT EXPRESS IN CITY DELIVERY BUDGET CARGO 24-48 HRS ROAD FREIGHT 48-96 HRS		SAME DAY DAWN DELIVERY BY 09:00 SATURDAY DELIVERY AFTER HOURS		X X X X	
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TOP COPY - P.O.D.; 2ND COPY - CONSIGNEE; 3RD COPY - ACCOUNTS; BOTTOM COPY - SENDER COPY							

Appendix F.5: ADVERTS (release of Draft EIA Report)



Umoya onamandla ushiye kukhalwa

BONISWA MOHALÉ

UBUCABANGA ubonisi kuquma ibonoma ngokubandakanya ngamandla othakase of the law i ubo phala uphahla komzi amandla weMaBaso, eMantshi.

Iingama ngoba impahla yethu imonakala. Umoya othakase lona duwe iibonoma unomandla owavavile. Umoya othakase lona duwe iibonoma unomandla owavavile.



UMUZI waMaBaso eMayville opheshuwe wumoya othakase kukhali sombo. (ithombe: DOCTORING.CO)



UNOK Ruth n'omdanisa MaBaso baseMayville abakhalisa ezimaphansi ngophahla komzi wab o o luphesh uwe wumoya.

Umoya othakase lona duwe iibonoma unomandla owavavile. Umoya othakase lona duwe iibonoma unomandla owavavile.

Environmental Impact Assessment notice for the proposed construction, operation and decommissioning of a sea water reverse osmosis plant and associated infrastructure at Lovu on the KwaZulu-Natal South Coast.



UKWETHULWA KOMBIKO WOKUCHITHWA KWENDLE

Umyingqo wezamas'ibisi Nokuthuthwa Kwendle kaMatipa weThuku kanye neCouncil for Scientific and Industrial Research (CSIR) bazokwenza isethulo esiqingqi dano nombiko we-CSIR ongunombiko 33 eshilo sithi: Ukuchithwa kwendle okwandle: Ukweningqo ngezemvelo olweefundini zaseThothweni, Loluthwaningqo kwentwango 2014.

Amalungu omphakathi ayakusuka ukuba athathelele lesi sethulo. Wonke umuntu wemukelekile. (i) Umoya othakase lona duwe iibonoma unomandla owavavile.



News



DEPARTMENT CITES SURPLUS

Plan to cut teacher numbers in dispute

A ROW is brewing in Durban over the Education Department's plan to cut the number of teachers in the province. The Education Department says it has a surplus of 10,000 teachers in the province. The department has already asked the number of teaching posts to be cut by 10,000.

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A female vege turtle basks in the sun on a beach, a clutch of eggs. They were on the beach coast.

Shell shock over nesting turtle from up north

It SHOULD BE A CLUSTER of 10,000 nesting turtles on the beach, but the reality is that only a few were seen. The reality is that only a few were seen. The reality is that only a few were seen.

The reality is that only a few were seen. The reality is that only a few were seen. The reality is that only a few were seen.

The reality is that only a few were seen. The reality is that only a few were seen. The reality is that only a few were seen.

'Hit' accused hopeful of bail

THE ACCUSED in the murder of a woman has been granted bail. The accused is hopeful of bail. The accused is hopeful of bail.

Black Coffee sets himself a target

BLACK COFFEE has set himself a target. Black Coffee has set himself a target. Black Coffee has set himself a target.

Black Coffee has set himself a target. Black Coffee has set himself a target. Black Coffee has set himself a target.

Black Coffee has set himself a target. Black Coffee has set himself a target. Black Coffee has set himself a target.

Visible policing, firearm raids on way in KZN

THE KZN police will be visible in the streets. The KZN police will be visible in the streets. The KZN police will be visible in the streets.

The KZN police will be visible in the streets. The KZN police will be visible in the streets. The KZN police will be visible in the streets.

The KZN police will be visible in the streets. The KZN police will be visible in the streets. The KZN police will be visible in the streets.

The KZN police will be visible in the streets. The KZN police will be visible in the streets. The KZN police will be visible in the streets.

Thank you from Blue.

We have been voted Durban's #1 Security Company.

A big thank you to our loyal supporters.

SEA DISPOSAL OF SEWAGE PUBLIC PRESENTATION

Members of the public are invited to attend the public presentation of the EIA report on the Sea Disposal of Sewage Environmental Survey in the Durban Region. This survey was conducted in 2014.

Members of the public are invited to attend the public presentation of the EIA report on the Sea Disposal of Sewage Environmental Survey in the Durban Region. This survey was conducted in 2014.

Thank you from Blue.

We have been voted Durban's #1 Security Company.

A big thank you to our loyal supporters.

HEALTH-CARE WORKERS MUST LEARN TO SIGN

Health-care workers must learn to sign. Health-care workers must learn to sign. Health-care workers must learn to sign.

NOTICE OF RELEASE OF DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR COMMENT AND INVITATION TO PUBLIC MEETING

THE PROPOSED CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA WATER REVERSE OSMOSIS PLANT AND ASSOCIATED INFRASTRUCTURE PROPOSED AT LOUVO ON THE KWAZULU-NATAL SOUTH COAST FOR QUANTIFIABLE RISK ASSESSMENT PURPOSES

The Department of Environmental Affairs and Forestry (DEAF) has received the Draft Environmental Impact Assessment (EIA) Report for the proposed construction, operation and decommissioning of a sea water reverse osmosis plant and associated infrastructure proposed at Louvo on the KwaZulu-Natal South Coast. The EIA Report was prepared by CSIR and is available for public comment.

The public is invited to comment on the EIA Report and to attend a public meeting to discuss the report. The public meeting will be held on the 15th of November 2016 at 10:00 AM at the CSIR Conference Room, 100 St. George's Road, Durban. The public meeting will be held in English and Zulu.

Comments should be submitted to the CSIR by the 15th of November 2016. Comments should be submitted to the CSIR by the 15th of November 2016. Comments should be submitted to the CSIR by the 15th of November 2016.

DATE	TIME	VENUE
15 November 2016	10:00 AM	CSIR Conference Room, 100 St. George's Road, Durban

For more information contact: Ms. Ntombi Dlamini on 031-311-3077

CSIR



Pupils of Bhekulwandle Primary School receive new school uniforms.

Upliftment project sews up uniforms for needy pupils

THIRTY-FOUR needy pupils of Bhekulwandle Primary School received new school uniforms made by members of the Bhekulwandle Community Upliftment Project on Friday, 20 November.

"We chose children, mostly orphans, whose uniforms were in poor condition," said project co-ordinator, Muzi Cwiliwe.

The project is based at the school and also offers classes in baking, cooking and gardening. It came to fruition after principal, ET Hlela applied for funding from Lotto for community upliftment in the area. Once the funding was secured, a hall was renovated to house the project.

The sewing programme has been successfully embraced by both women and men in the community. Recently 16 people completed a six-month course and have become adept in pattern and dress-making.

The group has been busy making men's wear and school uniforms. "We want to start co-operatives, so the graduates will be able to start their own little businesses. We are also looking at approaching other schools to sew their uniforms," said sewing co-ordinator, Nonuphulelo Mgadi.

Volunteer for museum training

DO you want to contribute to your community in the fields of science, education and tourism? If you have some qualifications in conservation, tourism or marketing and can't find a job, but would like to gain extra skills or experience in these fields, consider volunteering in a museum.

As a volunteer you can make an important contribution to the Durban Natural Science Museum, working on different projects. This could be helping in one of the many departments or increasing visitors' enjoyment and understanding of collections at the facility.

Volunteer training takes place in February.

The cost is R120, which is to be paid on the first day of training. The cost covers notes and provides membership to the Museum Friends Society for the year.

To be considered for the volunteer programme and to enrol, collect an application form from the Durban Natural Science Museum, located on the first floor of City Hall, South Street entrance.

Closing date for applications is Monday, 11 January at 3pm.

For more information, call Busi Gumede, Sindi Nzama or Thandeni Naidoo at the museum's information desk on 031-311-2256 or visit the museum.

City plans its response to load shedding

AS PART of eThekweni Municipality's Business Continuity Management and Continuity Strategies Implementation Plan, to avoid a total halt of municipal service delivery during load shedding, the city has come up with load shedding intervention response strategies.

This emerged last week during the sitting of a multi-department Disaster Management Advisory Forum, which was chaired by city manager, Sibaso Sithole.

Sithole said even though Eskom has announced there won't be any load shedding until May next year, the municipality has completed a load assessment for fire and emergency services, all municipal clinics and Socokais Centres to avoid interruptions of services.

"The load assessment for the water and sanitation unit is still in progress.

"We don't want our services to be interrupted during load shedding.

Out of the 60 municipal clinics, we plan to have five clinics per region with alternate power," said Sithole.

Stolen tarp recovered

QUICK thinking and swift action from a response officer resulted in a truck driver recovering a stolen tarpaulin from a suspected addict on the Mambosk off-ramp on Friday morning, 20 November.

According to communications officer, Krishnae Naidoo, the rubber flid when he knew response supervisor, Eric Pillay had discovered his scam.

"Pillay was driving along South Coast Road to Isipingo when he saw a house and trailer parked on the side near the Mambosk off-ramp," said Krishnae.

"The driver of the truck was across the road, asking for directions from a passerby, when Pillay saw a man steal the tarpaulin off the back of the truck. He hid the item in the bushes.

Pillay followed the truck to the Tintswago Road depot and told the driver "He called for back-up and escorted the driver to where he had seen the tarpaulin being stashed."

They were met by the thief, who insisted the tarp belonged to him. When questioned, he fled.

EIA FOR THE PROPOSED CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A 150 ML/DAY SEA WATER REVERSE OSMOSIS (SWRO) PLANT AND ASSOCIATED INFRASTRUCTURE PROPOSED BY UMGENI WATER AT LOVU ON THE KWAZULU-NATAL SOUTH COAST

DEA REFERENCE NUMBER: 14/2015/02/12/556

NOTICE OF EXTENSION OF COMMENT PERIOD FOR THE DRAFT EIA REPORT

The proposed project is being assessed in terms of the National Environmental Management Act (Act 107 of 1998), an amended Environmental Impact Assessment (EIA) Regulations, published in Government Notice (GN) R546, R548, R549 and R546 on 18 June 2010 (as amended). The draft EIA report was released for public comment on 4 November 2015. Interested and affected Parties (I&APs) are hereby notified of the extension of the comment period for the Draft EIA Report, for the aforementioned proposed development. The comment period will be extended until 31 January 2016.

Hard copies of the Draft EIA Report are available for public viewing at the Kingsburgh Public Library 5141 Road, Marine Beach, 4195, and can also be downloaded from the CSIR's EIA project website at: www.cskr.co.za/eta/Lovu/Download.htm

All comments received on the Draft EIA Report will be considered in preparation of the Final EIA Report, and are to be submitted to the CSIR EIA Project Manager by no later than 31 January 2016 at the following contact details:

Contact Person: Mrs. Annick Winkler; Postal Address: CSIR, P.O. Box 320, Stellenbosch 7129; Telephone: (021) 888 7561; Fax: (021) 888 2473; Email: awinkler@csir.co.za

ILANGA >> DECEMBER 3-6, 2016

20 Classified

2250 Security Services
DYNAMIC SECURITY TRAINING
308 Aston Lakeside, Durban
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0800 253 000
GRADES: D.C., R620
GRADE E - R250
GRADE C - R600
GRADE B - R900
GRADE A/CIA/R - R950
P/As - R900
Self study Avid & Job Aids

2250 Finance Competency & Security Training
Finance Competency & Security Training
Rams / Shopan & 12a
Rams
R600
R600
R600
Blanch/Tramp from R600
Health & Safety/Tramp
NRP & many more avail
81 Field St (Jesse Gelo)
Durb: 031 304 0260
Mfny: 095 700 1528

2270 Public Accountant
FUTURA
Public Accounting & Tax
1074 Futura, Durban
Tel: 031 301 9440

2270 Public Accountant
FUTURA
Public Accounting & Tax
1074 Futura, Durban
Tel: 031 301 9440

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our branch in Pietermaritzburg
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5 Room - R125 000 Cash
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2500 Public/Finance
PUBLIC NOTICE
IN THE ESTATE OF THE LATE
COLLIERIE MOSES
MNGOZOZULU
Identify Number:
080410 8412 0841, marie
is in possession of property
to Virginie Oudise Mngoni
ezulu (Identify Number:
503258 0718 098). Whose
last address was House
No 5253 Strand Wayefkhon
a Road, Ngwenane Town
ship, Engenani and who
died on 13th July 2008.

Master's Reference No:
15036/2008/PMB

In terms of Section 35(b)
of Act 58 of 1965 notice is
hereby given that the
Executor's Final and Final
Liquidation and Distribute
Account will be for inspe
ction to all persons intere
sted therein at the office
of the Master of the High
Court, Pietermaritzburg,
and the Magistrate's
Court/Escort for Strides on
4th December 2015.

Should no objection be
lodged hereto during the
said period, the Executor
will proceed to make pay
ment in accordance therewith.

MIBO ATTORNEYS
1st Floor Empire Building
74 Harding Street,
Escort, 3310

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COOL ROOMS AND
BEER FRIGIDS
062 178 3718
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2500 Public/Finance
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BID No	Description of goods/services	Name of successful bidders
ADA-E 01/2015	Appointment of panel of experts to provide Professional Services at ADA for a period of twelve (12) months.	Please refer to the ADA website for the list. www.ada-km.co.za

DEPARTMENT OF TRANSPORT UMYNANGO WEZOKUTHUTHA
PROVINCE OF KWAZULU-NATAL - ESIEMANDZWE SA KWAZULU-NATALI

INVITATION TO TENDER

THE UPGRADE OF MAIN ROAD P17 (KM 0,000 TO KM 9,100) LOCATED IN DC 24 LADYSMITH; UMZINYATHI DISTRICT MUNICIPALITY

CONTRACT NO. ZNT 3196/15/T

The Province of KwaZulu-Natal Department of Transport, invites tenders from Established Contractors, registered in roadworks for the UPGRADE OF MAINROAD P17 FROM KM 0.000 TO KM 9.100, LOCATED IN DC 24 LADYSMITH, UMZINYATHI DISTRICT MUNICIPALITY. The duration of the project will be 20 MONTHS.

The Estimated Contractor must be registered in a minimum CIDG Grading of 90C or higher. If you are not registered in the correct CIDG Grading, you WILL NOT be eligible to tender.

Tender documents will be available as from 10h00 on Monday, 07 December 2015 during working hours (i.e. 09h00 to 16h00 Monday to Friday) until 16h00 on the day prior to the clarification meeting. NO DOCUMENTS WILL BE AVAILABLE AT THE TENDER CLARIFICATION MEETING. The physical address for collection of tender documents is: ICZN Department of Transport, Aquatics Section, 5th Floor, 112 Burger Street, Pietermaritzburg.

A non-refundable tender deposit of R950,00 payable in cash or by bank guaranteed cheque must be in favour of "Province of KwaZulu-Natal" in payable on collection of the tender documents.

Queries relating to this tender may be addressed to: Mr. Grant Klaedel, Tel: (031) 700 2520, Fax: (031) 700 2520, e-mail: grantklaedel@csir.co.za or info@csir.co.za

A compulsory clarification meeting with representatives of the Employer will take place at ICZN Department of Transport, Aquatics Section, 5th Floor, 112 Burger Street, Pietermaritzburg, on Friday, 16 January 2016 starting at 14h00. NO LATE COMERS WILL BE ADMITTED.

The closing time for receipt of tenders is 11h00 on Friday, 29 January 2016 at the Offices of the Department of Transport, 112 Burger Street, Pietermaritzburg. Telegraphic, telephonic, telex, facsimile, electronic, e-mail and late tenders WILL NOT be accepted. Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

Neither the ICZN Department of Transport, nor its Agents are bound to accept the lowest or any portion of any tender.

DEPARTMENT OF TRANSPORT UMYNANGO WEZOKUTHUTHA
PROVINCE OF KWAZULU-NATAL - ESIEMANDZWE SA KWAZULU-NATALI

INVITATION TO TENDER

THE UPGRADE OF DISTRICT ROAD D135 (KM 0.000 TO KM 5.200) LOCATED IN DC 28 EMPANGENI; UTHUNGULU DISTRICT MUNICIPALITY

CONTRACT NO. ZNT 357/14/T

The Province of KwaZulu-Natal Department of Transport, invites tenders from Established Contractors, registered in roadworks for the UPGRADE OF DISTRICT ROAD D135 FROM KM 0.000 TO KM 5.200, located in DC 28 EMPANGENI, UTHUNGULU DISTRICT MUNICIPALITY. The duration of the project is 18 MONTHS.

The Estimated Contractor must be registered in a minimum CIDG contractor grading of 90C or higher. If you are not registered in the correct CIDG Grading, you WILL NOT be eligible to tender.

Tender documents will be available as from 9h00 on Monday, 07 December 2015 during working hours (i.e. 09h00 to 16h00 Monday to Friday) until 16h00 on the day prior to the clarification meeting. NO DOCUMENTS WILL BE AVAILABLE AT THE TENDER CLARIFICATION MEETING. The physical address for collection of tender documents is: ICZN Department of Transport, Aquatics Section, 5th Floor, 112 Burger Street, Pietermaritzburg.

A non-refundable tender deposit of R250,00 payable in cash or by bank guaranteed cheque must be in favour of "Province of KwaZulu-Natal" in payable on collection of the tender documents.

Queries relating to this tender may be addressed to: Mr. Jeremiah Mntshu, Tel: (031) 700 2520, Fax: (031) 700 2520, e-mail: jeremiahmntshu@csir.co.za or info@csir.co.za

A compulsory clarification meeting with representatives of the Employer will take place at the D135 Site. Co-ordinates of R135 are 29° 26' 39.79" S; 31° 24' 18.67" E on Wednesday, 13 January 2016 starting at 10h00. NO LATE COMERS WILL BE ADMITTED.

The closing time for receipt of tenders is 11h00 on Wednesday, 27 January 2016 at the Offices of the Department of Transport, 112 Burger Street, Pietermaritzburg. Telegraphic, telephonic, telex, facsimile, electronic, e-mail and late tenders WILL NOT be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

Neither the ICZN Department of Transport, nor its Agents are bound to accept the lowest or any portion of any tender.

TENDER NOTICE AND INVITATION TO TENDER

PROVISION OF SECURITY SERVICES (GUARDING SERVICES) TO KWADUKUZA MUNICIPALITY FOR THE PERIOD OF 36 (THIRTY-SIX) MONTHS

TENDER MN 110/2015

In terms of Chapter 11 of the Municipal Financial Management Act, 56 of 2008, tenders are hereby invited from suitably qualified service providers for the provision of security services (guarding services only) to the Kwadukuzi Municipality.

The physical address for collection of tender documents is: 02 Industrial Crescent, Leprosy Building, Kwadukuzi, obtained from the Office of the Acting Director, Community Safety, Mrs. Rina Ramkaran, upon presentation of a receipt proving payment of a non-refundable fee of R125 inclusive of VAT having been made at the Municipal Finance Directorate, General Justice Magaza Building, 104 Napatona Gandhi Street, Kwadukuzi during the hours: Monday to Friday 09h00 to 15h00, 12h00 or bank guaranteed cheques only. Tender documents will be available for collection from Wednesday, 23 December 2015, until 11h00 on 11 December 2016.

A compulsory tender briefing session will be held on 11th December 2015 at the Kwadukuzi Municipality Support Room (Behind Stanger Town Hall Building, 14 Chief Albert Lutuli Street, Kwadukuzi, starting at 11h00. Doors to the venue to be closed at 11h15. No persons will be permitted to enter the qualification venue after the cut off time. The tenderer or representative must bring to the briefing the original tender document purchased and must sign the mandatory attendance register. Only those tenderers who are in possession of a tender document shall be permitted to participate in discussion at the compulsory clarification meeting. Attendance at this meeting is compulsory and tenders will not be considered from tenderers who do not attend.

The municipality is pursuing a competitive bidding tender process. Bid documents shall be sealed and clearly marked **TENDER MN 110/2015 - PROVISION OF SECURITY SERVICES (GUARDING SERVICES) TO KWADUKUZA MUNICIPALITY FOR THE PERIOD OF 36 (THIRTY-SIX) MONTHS** and must be deposited in the tender box situated at the Kwadukuzi Municipality Civic Buildings, 14 Chief Albert Lutuli Street, Kwadukuzi not later than **12h00 on 12th JANUARY 2016**, at which time tenders will be opened in public. Late tenders or tenders received by way of post, facsimile or e-mail will under no circumstances be considered.

Bids will be evaluated and adjudicated according to the following criteria:

- Completed data base registration with tender documents • 10/10 preference points system in terms of Preferential Procurement Regulations, 2011 (B-BBEE status level certificate). Please furnish the original or certified copy of the original
- Completed original valid tax clearance certificate • Contractor shall be registered on the Kwadukuzi Municipality Supply Database • Council's Supply Chain Management Policy and other legislation • Must have PSRIA Certificate • Period of tender : 3 years • Audited Annual Financial Statements for the Past Three Years.

Tenders shall be valid for a period of 90 days. The Council does not bind itself to accept the lowest tender or any tender.

Queries regarding this notice may be directed to the Acting Director, Community Safety, Mr. RM MUDLALI, 11th Floor, 28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000.

HEJA YOKWAKHWA, UKUSEBENZISA NOKUVALWA KWEMIBO YE-150 MILNGOSUKU ECWENGA AMANZI OLWANDLE (SEA WATER REVERSE OSMOSIS-WRO) KANYE NEZINDLU EZIMHAMBISANA NEMIBO EHLONGOZYWA UMOMENI WATER E-LOUVO KWININGIZIMU YOO LAKWAZULU-NATAL

INOHLOBO YENKONKHE YE-DA: 14/12/16/23/2/2/3

ISAZISO SOKWENZEZA ISIKHATHI SOKUBUKA UMUBONO HAYELANA NOMIBO WOKUQALA WE-EIA

Isiphothi shinganyayo kwanjenge ngakumbisana neMithaqoqo yokuhlola iqhaza/Environmental Impact Assessment eyokuhlola iNtshelwano iNkqubo/Consultation Notice (SN) R541, R542, R543, R545 kanye ne R547 ngo 18 June 2016 aqaphele kumibonisi/Notified Environmental Management Act (No 107 of 1998), ijqabisa uchinyanya. Umlabo wokuqala we-EIA ubonisa umphakathi ukuba umononi wokuhlola iqhaza/November 2015. Iqhazibonise ukuba umononi wokuhlola iqhaza ngabasebenzi kwakumbi ukubona umononi wokuhlola iqhaza we-EIA, wakubonisa ubukhulu bawo ngakumbi. Iqabisa ukubona umononi wokuhlola iqhaza, esingaba ng-29 January 2016.

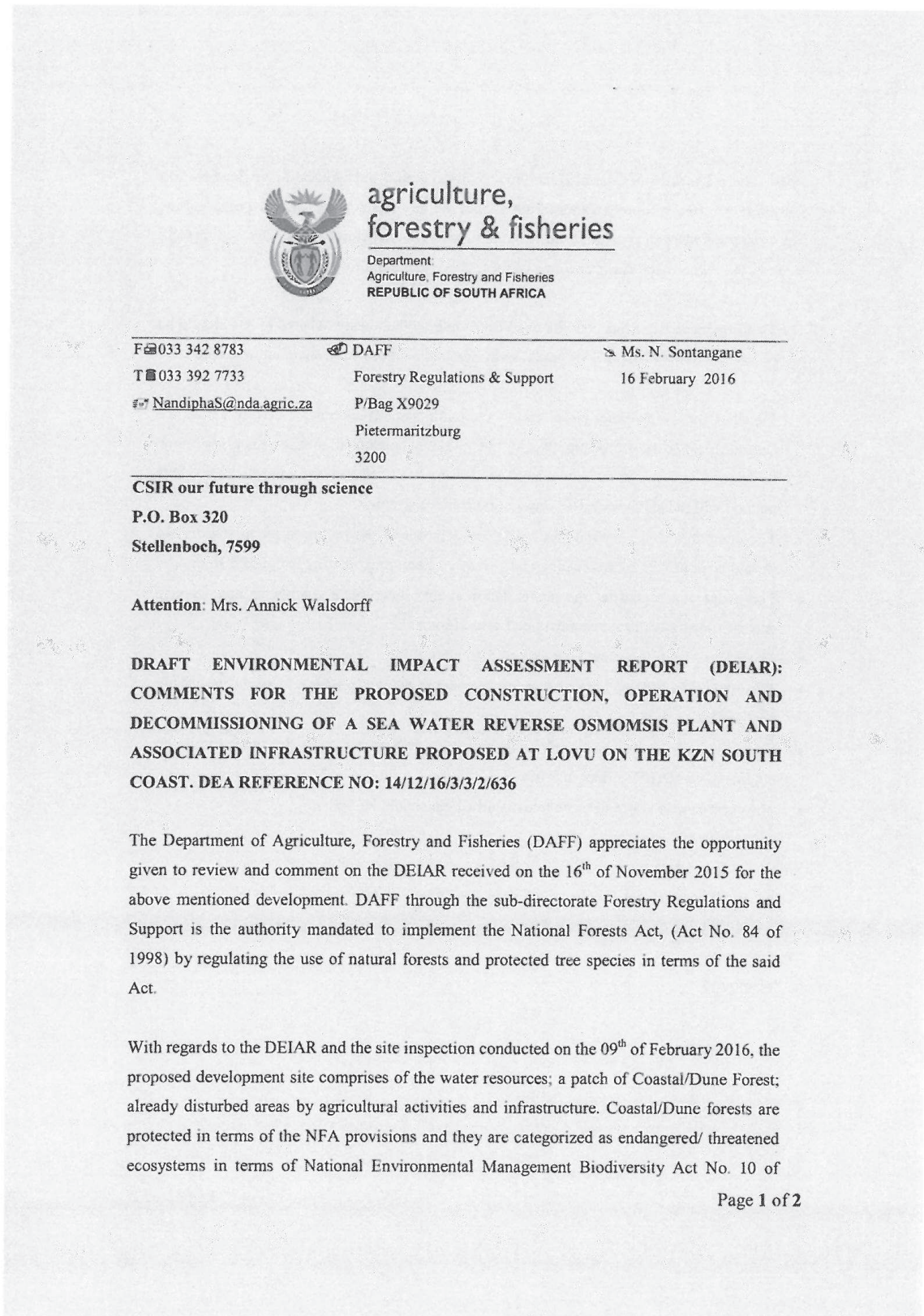
Anzothophi okhetha ukubona we EIA ayokubonisa ukuba ukubona umphakathi lokuqala we-EIA ngakumbi. Iqabisa ukubona umononi wokuhlola iqhaza ngabasebenzi kwakumbi ukubona umononi wokuhlola iqhaza we-EIA, wakubonisa ubukhulu bawo ngakumbi. Iqabisa ukubona umononi wokuhlola iqhaza, esingaba ng-29 January 2016.

Umpheki Mn. Aneth Weidoforth Bhele: CSIR, P.O. Box 920, Silverton 7599, Ibhulobhi: (021) 858 2561, Fax: (021) 858 2473, E-mail: owebhele@csir.co.za

CSIR

MJ MDORANE, MUNICIPAL MANAGER
Kwadukuzi Municipality, 14 Chief Albert Lutuli Street, Kwadukuzi

Appendix F.6: Correspondence from I&APs Prior to Release of Final EIA Report



2004. There is a patch of Coastal/Dune forest situated within and adjacent to the development footprint. An area of approximately 50m x 50m for the development of the pump station (intake and outtake shaft) is proposed within a portion of this natural forest. This activity will result in the loss of habitat and decrease of these types of natural forests.

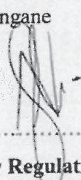
The Department recommends that the conditions outlined below are adhered to and should be incorporated into the FEIAR, EMPr and Environmental Authorization should it be granted.

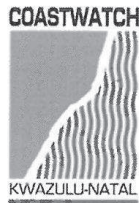
- Trenches for the pipelines (from and to the pump station) should not be dug within the natural forest however; the pipe jacking method may be applied, to insert the pipes below the ground surface without any vegetation clearing or disturbance (as agreed on site). This method will reduce the negative impact on natural vegetation.
- The condition of the natural forest situated adjacent to the proposed pump station site should be improved by eradicating alien invasive plants and planting indigenous trees.
- The maintenance plan for the pump station should incorporate continuous maintenance and monitoring of the above mentioned natural forest.
- The pump station site should not exceed 50m x 50m.
- The protected Milkwood trees occurring adjacent to the pump station footprint should not be disturbed.
- Should there be a need to disturb indigenous trees in a natural forest a licence should be obtained from DAFF offices in PMB.
- The compensation ratio for each tree disturbed/cut should be 1:5

This letter does not exempt you from considering other environmental legislations
Should any further information be required, please do not hesitate to contact this office.

Yours faithfully

N. Sontangane


.....
Forestry Regulations & Support - KZN



COASTWATCH KZN

135-408 NPO

P O Box 343
Pennington
4184
afromatz@telkomsa.net

29 January 2016

CSIR
P O Box 320
7599 Stellenbosch
awalsforff@csir.co.za

REF. NO:14/12/16/3/3/2/636

**SEAWATER REVERSE OSMOSIS PLANT AND ASSOCIATED INFRASTRUCTURE –
CONSTRUCTION, OPERATION AND DECOMMISSIONING, LOVU**

Coastwatch, WESSA Durban Branch and Birdlife Port Natal, non-governmental organisations formed by volunteers and operating with support of people interested and/or affected by issues relating to the area share interest in development and change of land use applications in the eThekweni area. The organisations serve to ensure that development in the eThekweni area is appropriate, sustainable and legally compliant. The following comments are submitted on behalf of these organisations.

COMMENT ON THE DRAFT ENVIRONMENTAL ASSESSMENT REPORT:

BACKGROUND TO THE SEAWATER REVERSE OSMOSIS PROJECT (SWRO)

The consequences of South Africa's water limitations are currently very evident and we support society making the necessary changes to deal with our water challenges. We believe that it is necessary for government to contribute significantly to this change by pursuing a blend of solutions to our water woes – *inter alia* infrastructure maintenance, repair and replacement; citizen awareness; grey water and effluent re-use; as well as closed systems becoming standard in industry.

Umgeni Water Amanzi (Umgeni Water), as the bulk water provider to six water services authorities in KwaZulu-Natal (KZN), has investigated the feasibility of seawater desalination through reverse osmosis. Two potential sites located along the KZN coastline in the north and south of the Mngeni Supply Area have been identified on which sea water reverse osmosis (SWRO) desalination plants could be constructed to sufficiently augment the Mngeni System in the medium term. The southern site is located on the banks of the Lovu



c/o 100 Brand Road, Durban 4001
Coastwatch operates as a Friend of WESSA, committed to the well-being of the KwaZulu-Natal Coast
Reg. No. 05/04658/08 (Incorporated Association not for gain) FRN 01 1000 78 000 3

River and the northern site on the coast near Tongaat, to the north of the Mdloti River mouth.

We submit comment on the proposed 150 Ml/day SWRO plant and associated infrastructure at the Southern Site, the Lovu river/estuary.

EIA PROCESS

1. It would appear that the issues raised by Coastwatch (and on behalf of the abovementioned organisations, WESSA Durban Branch and Birdlife Port Natal) during the scoping process have been overlooked. Although Coastwatch is listed as an I&AP (Appendix F.1) comment submitted on the draft scoping report (SR) is not reflected in the documentation, this despite correspondence (emails dated 16/03/15) following notification of a change in project manager in which we were assured that our letter dated 19/10/14 had been received. The EIR does not include a copy of comment submitted on the draft SR and our records reflect that we have received no response.

Certain of the issues raised and questions asked in our letter dated 19/10/14 will be repeated hereunder.

2. Specialist Studies

In our earlier submission we asked how the matter of “independence” would be resolved with regards the in-house estuarine study, noting that the Department of Environmental Affairs has indicated that a specialist working for the same company as the applicant or EAP cannot be considered “independent” in terms of the definition provided in the Regulations (DAEA correspondence to EAPs dated 08/11/12).

ISSUES AND POTENTIAL IMPACTS

- Coastal Zone, including Estuarine, Beach and Marine Environments

We assume that the application will be considered by Coastal Management and Biodiversity: Department of Economic Development, Tourism and Environmental Affairs

and the province's scientific advisors Ezemvelo KwaZulu-Natal Wildlife, in particular marine and estuary scientists.

1. Project Location – Lovu Estuary

The legal definition of an estuary has been established in the National Environmental Management: Integrated Coastal Management Act No. 24 of 2008, noting that an estuary includes not only the water column but also the bed and banks of the estuary, and the area determined to be the “estuarine functional zone” which is the area defined in the National Estuaries Layer as the 5 m topographical contour (available on the SANBI BGIS). Figure 7-3 (Planned infrastructure overlaid onto land cover map) shows an area demarcated as the “estuarine functional zone” and while it must be assumed that this line denotes the 5 m contour there is little discussion on, or indeed consideration of, the planning and management of estuarine resources – in this instance the Lovu estuary - as required in our environmental regulation and policy. For example section 2(4)(r) of the National Environmental Management Act No. 107 of 1998 (NEMA).¹ The infrastructure shown in the preferred and alternative layouts will directly (and potentially indirectly) impact the Lovu estuary. In addition, the impacts of the co-disposal of brine and other components on the estuary is an unknown factor.

A request in our earlier submission (comment on the draft SR dated 19/10/14) was that an explanation be given of why the initial site identified on the north coast was discarded based on it being an estuary environment, yet this criteria is not applied to the south coast site, the Lovu estuary.

An additional concern is that the NEM: Integrated Coastal Management Act No 24 of 2008 (ICM Act) sets out objectives for an Estuary Management Plan² for each estuary in South Africa in accordance with the National Estuarine Management Protocol GNR 36432. In the absence of an Estuary Management Plan an approach of caution is needed for activities which have the potential to impact an estuary.

¹ NEMA section 2(4)(r) states “*sensitive, vulnerable, highly dynamic or stressed ecosystems, such as coastal shores **estuaries** (emphasis added), wetlands, and similar system require specific attention in management and planning procedures, especially where they are subject to significant human resource usage and development pressure*”

² ICM Act section 33

2. Infrastructure – Lovu River Mouth Movement Restriction

Figure 2.3 shows that the intake water and discharge pipes are located in the area within which the Lovu mouth naturally migrates i.e. the pipelines cross the mouth when it is in the northern position. What impact will this potential obstruction have on the natural movement of the mouth during the operational phase? It is only the construction phase which is discussed with the following from the Estuary Ecological Study Report. Table 13.2 Recommended management and monitoring requirements, *If required (i.e. if the mouth of the Lovu River trains north during the construction phase), breaching of the mouth of the Lovu River should be undertaken as far south as possible. Alternatively construction at this point may be undertaken during dry periods of "low flow" periods to reduce the necessity to breach the estuary mouth.*

We note that the draft Environmental Management Programme (EMPr) requires that it must be ensured *that within the beach and supratidal beach environment, the seawater intake and brine discharge pipelines are laid at a depth greater than 5 m below mean sea level.*

Throughout the EIR we have noted that there is no information on what influenced the design of the infrastructure associated with the SWRO plant. How was this depth determined and can it be verified that at a depth of 5 m below mean sea level interference with the natural north-south movement of the mouth is negated? Coastal erosion events and river flows associated with climate change must be factored in.

3. Blasting.

Blasting in the marine environment is always a major concern and it should be kept as a last resort and be undertaken only out of the migratory seasons for all cetaceans. This need is recognised in the EMPr (section G. 4.17 - *If practical, schedule blasting so as to avoid cetacean migration periods or winter breeding concentrations (beginning of June to end of November), and turtle migration and breeding periods (October to end of February). Alternatively the blasting protocol should include additional mitigation measures such as possibly bubble curtains, acoustic harassment devices or acoustic deterrent devices to warn away species to the presence of danger or small charges (fishing salutes) before the blast to scare away any animals in the area.*)

Use of the term “if practical” gives no assurance that every precaution will be taken to mitigate the effects of blasting in the marine environment.

Further, onshore blasting must take into account the seasonal behaviours of shore-birds.

A rigorous blasting protocol must be formulated and implemented if all other avenues for construction have been exhausted.

4. Dune Environment

The rehabilitation of dunes once degradation has occurred is both difficult and costly and requires long term maintenance. We note that significant direct and indirect impacts on the dune system and surroundings, during the construction and operational phase, are anticipated. While these impacts are mostly considered to be of very low reversibility, some are anticipated to be irreversible. Irreversible, therefore residual, impacts in this sensitive environment are of great concern. Coastwatch, therefore, wholly supports the **strong recommendation to pipe jack** the proposed seawater intake and brine discharge pipelines under the dunes, with specific consideration towards maintaining a narrow working corridor. A terrestrial ecologist should be involved in the engineering design to confirm the entry and exit location of the pipeline under the dunes. (Similarly, the crossing of the upper reaches of the Lovu river/estuary by the inland pipelines must be done in a way so that it does not adversely affect the river in anyway).

The use of the wording “the possibility of pipe jacking” in the EMPr, again, gives no strength to the recommendation (*Assess and evaluate the possibility of pipe jacking or boring as an alternative option to trenching when constructing the sections of the proposed seawater intake and brine discharge pipelines under the dune cordon.*)

5. Marine Impacts

Our concerns, associated with the water intake and disposal, have been identified as impacts however it seems that only once studies are underway during the operational phase the impacts will become evident, should they occur. Again – uncertainties associated with the project and within a sensitive environment.

5.1 Impingement and Entrainment

Direct extraction through an open water intake is proposed resulting in direct impact on marine life ie impingement (fish and other marine organisms killed on the intake screens) and entrainment (organisms small enough to pass through, such as plankton, fish eggs, and larvae, are killed during processing of the salt water). The impacts on the marine environment, even for a single desalination plant, may be subject to daily, seasonal, annual, and even decadal variation, and are likely to be species- and site-specific.

These impacts, however, are not well understood and more research is needed, especially to understand the long-term impacts. We do, however, know that there are several operational, design, and technological measures available to reduce the marine impacts of open water intakes. In particular, subsurface intakes can virtually eliminate impingement and entrainment, as they extract seawater from beneath the seafloor or a beach. The sand acts as a natural filter, providing a level of pre-filtration that can reduce plant chemical and energy use and long-term operating costs.

Subsurface intakes are being used in a growing number of plants around the world, as new drilling technologies become available. This is an alternative which is not discussed. Again, information used in designing the project has not been made available.

5.2 Marine Discharge (Co-disposal of brine and other chemicals)

Safe disposal of the concentrated brine produced by desalination plants presents a major environmental challenge world wide. The impacts of brine on the marine environment are largely unknown with the majority of studies available focussing on a limited number of species over short time periods. In addition, there is a lack baseline data which would allow a comparison to pre-operation. Laboratory and field studies that have been conducted to date, however, indicate the potential for acute and chronic toxicity and changes to the community structures in marine environments. The ecological impacts of brine discharge, however, vary widely and are a function of several factors, including the characteristics of the brine, the discharge method, the rate of dilution and dispersal, and the sensitivity of organisms. Despite the long history of seawater desalination plants operating in

some regions, data on their ecological impacts are limited. Several recently constructed plants, including plants built in Tampa Bay, Florida and Perth, Australia, have monitoring programs in place to evaluate impacts associated with brine discharge. These studies suggest that the short-term impacts of brine discharge can be addressed through dilution and use of multi-port diffusers. However, additional monitoring is needed to evaluate mid- and long-term impacts.³

The project, yet again, gives rise to uncertainties and confidence cannot be gained without a good understanding of the studies which are to be done to establish baseline conditions and which will be undertaken during the operational phase of the SWRO plant. Questions are:

- Baseline conditions. What studies will be done, and what timeframe is given to complete the studies?
- What monitoring will be undertaken? Terms of reference for studies? While an application for a Coastal Waters Discharge Permit with comprehensive information is required the application is not being made available for public review and comment.
- After what period of time can accurate interpretations of the results be made ie trends be established?
- If impacts are negative can they be reversed?
- What of design imperfections? Can these be remedied once the plant is operational?
- Should negative impacts occur will this mean that the Lovu estuary and offshore environment become a sacrificial zone?

In addition, while it is reported that the hard structures will create “artificial reefs” which is considered a positive impact we find this may not be a benefit and is misleading as the artificial structures/reefs may cause a change in the species composition in the area.

6. Cumulative Impacts

The report on the Estuarine Ecology envisages no cumulative impacts citing that there are no known further developments. Coastwatch, however, considers that cumulative

³ *Key Issues in Seawater Desalination in California: Marine Impacts*, Cooley H, Ajami N, Heberger M. Pacific Institute December 2013.

effects can also be defined as the total impact that a series of developments, either present, past or future, will have on the environment within a specific region over a particular period of time (DEAT IEM Guideline 7, Cumulative effects assessment, 2004). The Marine Ecology Report also considers the likelihood of cumulative impacts and notes that *given the current past and future proposed development along the coastline of the project area, cumulative impacts as well as further disturbances to marine or coastal systems or features can be expected.*

Past and existing impacts associated with agriculture and existing development - Lovu mouth manipulation, nutrient and sediment runoff, for example, together with the potential construction related breaching and release of contaminants from the old refuse site give reason for concern and the issues have not been considered.

- Terrestrial and Aquatic Environment

1. Preferred Site Location

- Backflooding

The Preferred Site is shown to be outside the 1 in 100 year floodline however concern is raised by Coastwatch members that historical evidence (local knowledge) shows that back flooding during mouth closure has resulted in levels considerably higher than floodline levels shown on the maps.

- Climate Change

The maps show the SWRO plant fitting neatly onto raised land surrounded on more than one side by lower lying areas (below the 1/100 year floodline) ie very little leeway is allowed for any additional abnormal circumstances – weather, for example. What of the effects of climate change?

2. Setbacks

- Preferred Site. It is recommended that should the Preferred site be used (subject to the social issues being resolved) an ecological corridor of 25 m is allowed between the estuary and the Plant. The recommendation is supported and a layout map showing the ecological corridor is required. Management of the corridor – what and who – must be set out.

- Alternative Site. The Alternative site lies in close proximity to the two valley bottom wetlands feeding into the cultivated wetlands and it would be likely to impact substantially on these systems which are considered sensitive to erosion

and vegetation clearing. These impacts (construction phase) could be mitigated to a medium significance rating by setting the proposed Alternative site back from the channel by at least 25m and implementing rehabilitation measures prior to construction, to improve channel resilience to impacts. The recommended 25 m setback from the edge of watercourses designated as 3 and 3A is supported.

3. Alternative Site - Mitigation

With the above setback in place it is recommended that there is *offset rehabilitation of a broad swathe of the cultivated wetland, as far as its passage into the estuary channel at the downstream end of the floodplain*. While the recommendation is supported the responsible entities for implementation and ongoing management must be identified. If the land is not owned by the applicant what agreements will be put in place?

4. Freshwater Impacts

We support the development of a stormwater management plan using SUDS principles to protect wetlands.

5. Powerlines and Bird Strikes

The proposed project impinges on habitat associated with bird populations and the impact of powerlines on avian behaviour and populations is identified in the assessment. The EMPr section 4.6 states the need for flight detectors which must be included in the design phase. It states further that Umgeni Water will be responsible for monitoring. Will this mitigation measure – the erection of the required flight detectors – be undertaken by the applicant or is it the responsibility of the service provider?

- Energy Efficiency

Estimates put the cost of desalinated water at about three times that of surface water, the process requiring large amounts of energy with 45 – 60% of total operating costs being attributed to energy use. All existing desalination plants in South Africa use RO technology due to its substantially lower energy use, thus RO is expected to have a much lower lifecycle cost than thermal distillation and contributes much less to greenhouse gases.

Notwithstanding the benefits of RO Eskom's current woes place restrictions on energy usage across the board and alternatives must be looked at. Options could include supplementary electricity from, for example, closed system opportunities associated with a waste water treatment works (requiring re-siting the SWRO plant), and investigation into newer technologies such as wave energy which is in use internationally.

- Mitigation and Recommendations

Aside from the issues raised above, some of which require further attention, we find that Mitigation and Recommendations are well set out in Table 13.2 and followed through to the EMPr. However, the EMPr Appendix B Umgeni Water Particular Specification for Environmental Management of Construction Projects Ver. 001, February 2010 may need amendment/specific method statements to suit site specific conditions in the sensitive environments such as dune, littoral zone, and estuary.

The EMPr needs to include strict rehabilitation guidelines for the entire footprint using appropriate indigenous vegetation with follow up control of invasive alien plants along all servitudes throughout the project lifecycle.

- Water Use Licence

As part of the application for a Water Use Licence an Integrated Waste and Water Management Plan would be required. We request that the information is presented for public review.

Thank you for the opportunity to comment on the Lovu desalination project.

Yours faithfully



C SCHWEGMAN



DEVELOPMENT PLANNING, ENVIRONMENT & MANAGEMENT UNIT

166 K E Masinga Road
Durban, 4001
P O Box 680, Durban, 4000
Tel: 031 311 1111, Fax: 031 311 7776
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Our Ref.: (21/11) DPM/EIA 647C(S)
DEA Ref: 14/12/16/3/3/2/636
Enquiries: Mrs D. van Rensburg
Telephone: 031 – 3117136

27 January 2016

CSIR
P.O. Box 17001
Durban
4013

Attention: Annick Walsdorff

Dear Sir/Madam,

RE: DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION, OPERATION AND DECOMMISSIONING OF A SEA WATER REVERSE OSMOSIS PLANT AND INFRASTRUCTURE PROPOSED AT LOVU.

With reference to the abovementioned Draft Environmental Impact Assessment Report please be advised that various Municipal Departments have had sight of the proposal and the following comments are submitted for your attention:-

1. eThekweni Electricity Department.

The H.V. Department has no objection however please note;

- 1.1. The applicant must consult eThekweni Electricity's mains records (held in the drawing office at eThekweni Electricity Headquarters, 1 Jelf Taylor Crescent, for the presence of underground electrical services. In addition should any overhead line and/or servitude be affected, the specific permission of the Head: Electricity must be sought regarding the proposed development.
- 1.2. The relocation of MV/LV electrical services, if required in order to accommodate the proposed development, will be carried out at the expense of the applicant.

2. Environmental Planning and Climate Protection Department.

This Department has reviewed the Draft Environmental Impact Assessment Report (DEIR) prepared for proposed Ilovu Desalination Plant project and presents the following comment:

Site Alternatives

- Following review of the specialist reports presented, the assessment of impacts and the proposed mitigation, this Department is in support of the 'Alternative site' as the best location for the planned desalination plant.
- It is felt that while certain mitigation steps have been proposed to limit the potential impacts to the Ilovu Floodplain and Estuary, these do not adequately reduce the risk to this system to satisfy this Department. The nature of the development, the level of transformation of the floodplain, the ecological sensitivity of the estuary and the value of the broader corridor are all factors affecting this position.
- The proposed 25m setback between the desalination plant and the estuary is felt to be insufficient to maintain any significant level of connectivity and the ecological functionality.
- It is acknowledged that use of the Alternative site will require a greater level of earth works and may impact on two degraded wetland systems located to the west, however, it is felt that with limited design intervention and direct rehabilitation inputs into these systems, any negative impact can be mitigated.
- In considering the importance of the estuarine and wetland habitats that may be impacted under each of the scenarios, this Department is of the opinion that the risk associated with the Alternative site is more acceptable given the landscape level context of this project and the long term resilience of the system in the face of climate change.

Pipeline Alternatives

- This Department supports the alignment presented as Alternative 3. The impact to the wetland, estuarine and terrestrial habitats to the east of the N2 are considered too significant to accept the planned 50m working corridor proposed as part of the Preferred option. Tunnelling of the portion between the pump station and N3 will avoid this impact.
- Furthermore, this Department is in agreement with the recommendation contained in the Aquatic Ecology study to have the alignment of the Preferred (and Alternative 3) shifted slightly south to avoid the Canefield Wetland (west of the N3).

Pumpstation

- This Department notes the specific concerns raised regarding the stability of the fore-dune and the Ilovu River Mouth raised by the Terrestrial Ecologist.
- The necessary mitigation measures as highlighted in the report must be implemented to ensure that identified risks are avoided or greatly minimised.

Specialist Recommendations and Mitigation

- This Department is in support of the broader recommendations provided in the specialists reports presented to avoid or minimise construction and operational impacts associated with the desalination plant, pipeline and pumpstation (specific points of departure from these recommendations have been addressed above).

This Department will review the responses to the above issues and reserves the right to comment further regarding this project.

3. Land Use Management Branch.

No objections, however a planning application may need to be submitted in terms of the PDA and SPLUMA.

4. Framework Planning Branch.

In terms of the Spatial Development Framework (SDF 2015/2016), South Spatial Development Plan (SSDP 2014/2015) and the Illovo South Local Area Plan (LAP), the area in question has been identified for a Proposed Desalination Facility. In view of the above, the SSPB raises no major concerns at this stage. However, in recognizing the mitigation measures proposed in the Draft EIA, the SSPB further acknowledges the adjacent existing and proposed residential developments. To this end, every effort must be made to mitigate against visual, noise and odour intrusion within these residential areas. In this regard, the proposed mitigation measures must form part of the Environmental Authorisation.

5. eThekweni Transport Authority.

No comment received.

6. Environmental Health Department.

This Department has no objection to the proposed project subject to:

- 6.1. All the precautionary measures to minimise noise to the acceptable standard are maintained in terms of Noise Control Regulations.
- 6.2. Ablution facilities shall be provided for the workers on site.
- 6.3. Protective clothing of SABS approved shall be provided.
- 6.4. All waste generated during the construction phase shall be disposed of to an approved landfill site.

7. Parks, Leisure and Cemeteries Department.

No comment received.

8. Geotechnical Engineering Branch.

No further comment at this stage.

9. Coastal, Stormwater and Catchment Management.

No further comment received.

10. eThekweni Water and Sanitation Department.

No additional comments from Waste Water Planning.

11. Durban Solid Waste.

This Department has no additional requirements.

12. Disaster Management.

No objection from Disaster Management.

13. Fire Safety.

This Department has no objection to the proposed project subject to:

- 13.1. Building plans being submitted to this Department for approval.
- 13.2. Full compliance with the Interim Code Relating to Fire Prevention and Flammable liquids and Substances.
- 13.3. Full compliance with MHI regulations if the installations will trigger MHI or if it will be in close proximity to existing Major Hazard Installation.
- 13.4. Full compliance with the petroleum product or flammable gas pipeline in close proximity since excavations would be considered.
- 13.5. Compliance with road closure during construction period regarding response time for the brigade and other emergency services.
- 13.6. Full compliance with other applicable Legislative requirements.

Should you seek clarification on any of the above issues, please contact the writer on telephone: 031 - 3117136 or via e-mail: diane.vanrensburg@durban.gov.za In addition, the Department requests that a copy of the Environmental Authorisation be emailed to the same address.

Yours faithfully


ACTING HEAD: DEVELOPMENT PLANNING, ENVIRONMENT AND
MANAGEMENT

29/01/2016

Copy To:
Mmatlala Rabothata
Department of Environmental Affairs
Private Bag X447
Pretoria
0001

4

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND OPERATION A SEA WATER REVERSE OSMOSIS (DESALINATION) PLANT AND ASSOCIATED INFRASTRUCTURE ON THE KWAZULU-NATAL EAST COAST



REGISTRATION AND COMMENTS FORM



Name: ILEN LOMBARD	Telephone: 031 916 1457.
Organisation: ILLOVO BUSINESS PARK	Fax:
Designation: PARK MANAGER.	Email: ILEN @ INDUSTRIAL INTERNATIONAL . CO ZA
Physical address: 1 OLD MAIN RD. LOWER ILLOVO.	Postal address: P.O. BOX 1110 PINNACLES 4125.

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process

YES <input checked="" type="checkbox"/>	ALREADY REGISTERED	NO
---	--------------------	----

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

ENVIRONMENTAL & BUSINESS & CONSERVATION.

Please describe any issues or concerns you think should be considered during the EIA process

THE ILLOVO MILL HAS BEEN RELOCATED TO ESTON COE MORE THAN TEN YRS. UP TILL NOW THE ESTUARY/OLD RIVER UPSTREAM HAS RECOVERED DRAGSTICALLY FROM WHAT IT WAS. IE LARGE EYE TARPON, SILVERIE YELLOW TAIL KINGFISH AND A VARIETY OF OTHER FISH HAVE RETURNED AS WELL AS AN ABUNDANCE OF BIRD LIFE. WE ARE ALSO BOUND INTO OUR APPLICATION TO GET CONSERVANCY FOR

Please provide details of any other individuals or organisations that should be involved: THE AREA.

WESSA. MR. C. GALLIGRS. WILDCON C. PEARSON AMANZINATI CONSERVANCY.

Please submit this Registration & Comments Form to:

<p>Mrs. Annick Walsdorff</p> <p>CSIR P.O. Box 320 Stellenbosch, 7599 Tel: (021) 888 2661 Fax: (021) 888 2473 Email: awalsdorff@csir.co.za</p>

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND
OPERATION A SEA WATER REVERSE OSMOSIS (DESALINATION) PLANT AND
ASSOCIATED INFRASTRUCTURE ON THE KWAZULU-NATAL EAST COAST



REGISTRATION AND COMMENTS FORM



Name: STUART HENDERSON	Telephone: 082-6540609
Organisation: ILLOVO BUSINESS PARK	Fax: 031-9161305
Designation: OWNER	Email: stuart@industryinternational.co.za
Physical address: 1 OLD MAIN ROAD LOWER ILLOVO - KZN	Postal address: P.O Box 1110 AMANZI/IMOTI 4125

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process

YES ALREADY REGISTERED NO

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

BUSINESS, FINANCIAL

Please describe any issues or concerns you think should be considered during the EIA process

WE ARE DEVELOPING AN ECO-BUSINESS PARK
IN THE VICINITY OF THE PROPOSED DE-SALINATION PLANT.

Please provide details of any other individuals or organisations that should be involved:

WESSA. MR CHRIS GALLIERS (CEO)
WILDCON. MR CHRIS PEARSON (OWNER)

Please submit this Registration & Comments Form to:

Mrs. Annick Walsdorff
CSIR
P.O. Box 320
Stellenbosch, 7599
Tel: (021) 888 2661
Fax: (021) 888 2473
Email: awalsdorff@csir.co.za

011 14 000000 0110

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND
OPERATION A SEA WATER REVERSE OSMOSIS (DESALINATION) PLANT AND
ASSOCIATED INFRASTRUCTURE ON THE KWAZULU-NATAL EAST COAST



REGISTRATION AND COMMENTS FORM



Name: Kendyl Le Roux	Telephone: 0844 701932
Organisation: J PVT	Fax:
Designation:	Email: kendyllr@gmail.com
Physical address: 412 Andrew Zondo	Postal address: 412 Andrew Zondo, Tati, 4126

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process

<input checked="" type="radio"/> YES	<input type="radio"/> ALREADY REGISTERED	<input type="radio"/> NO
--------------------------------------	--	--------------------------

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

Please describe any issues or concerns you think should be considered during the EIA process

Brine
Powersupply

Please provide details of any other individuals or organisations that should be involved:

Coastwatch

Please submit this **Registration & Comments Form** to:

Mrs. Annick Walsdorff
CSIR
P.O. Box 320
Stellenbosch, 7599
Tel: (021) 888 2661
Fax: (021) 888 2473
Email: awalsdorff@csir.co.za

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND
OPERATION A SEA WATER REVERSE OSMOSIS (DESALINATION) PLANT AND
ASSOCIATED INFRASTRUCTURE ON THE KWAZULU-NATAL EAST COAST



REGISTRATION AND COMMENTS FORM



Name: <u>Peg van Sluys + Gary</u>	Telephone: <u>076 47 71 084 or 083 65 76 640</u>
Organisation: <u>---</u>	Fax: <u>---</u>
Designation: <u>Retired</u>	Email: <u>---</u>
Physical address: <u>Leat OH, Ali Bama 5 Park Road, Ellino Beach 4126</u>	Postal address: <u>← Same</u>

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process

<input checked="" type="checkbox"/> YES	<input type="checkbox"/> ALREADY REGISTERED	<input type="checkbox"/> NO
---	---	-----------------------------

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

Worried citizens - personal

Please describe any issues or concerns you think should be considered during the EIA process

Soon no natural bush will be left on south coast - its heart breaking, the loss of wild life & vegetation just goes on & on.

Please provide details of any other individuals or organisations that should be involved:

Please submit this *Registration & Comments Form* to:

Mrs. Annick Walsdorff

CSIR
P.O. Box 320
Stellenbosch, 7599
Tel: (021) 888 2661
Fax: (021) 888 2473
Email: awalsdorff@csir.co.za

**Annick Walsdorff - RE: NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft
EIA Report_SWRO Plant, LOVU**

From: "Carolyn" <afromatz@telkomsa.net>
To: "'Annick Walsdorff'" <AWalsdorff@csir.co.za>
Date: 04/12/2015 13:41
Subject: RE: NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft EIA
Report_SWRO Plant, LOVU

Thanks, Annick

Regards
Carolyn

Carolyn Schwegman
 **Coastwatch KZN 135-408 NPO**
afromatz@telkomsa.net
P O Box 343 Pennington 4184
Tel: +27 (0) 39 9752147
Cell: +27 (0) 83 981 4814
Fax2email: +27 (0) 86 725 1884

From: Annick Walsdorff [AWalsdorff@csir.co.za]
Sent: 04 December 2015 11:26 AM
To: Carolyn
Subject: RE: NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft EIA Report_SWRO Plant, LOVU

Dear Carolyn,

I can believe so! End of the year is always so hectic.

Yes we did submit a CWDP to DEA Branch: Oceans and Coasts (Directorate: Coastal Pollution Management). That department has also received the draft EIA report for comment. As you are aware, there is a requirement for Public participation in terms of the EIA regulations and I&APs are welcome to comment on the EIA report, including the Marine ecology study. There is however no Public participation process required as part of the ICM Act. Should you have any concerns, please let us know and we will include it in the Final EIA report for the relevant authorities to look at and assess - I have confirmed that with DEA Branch: Oceans and Coasts.

Kind Regards
Annick

>>> "Carolyn" <afromatz@telkomsa.net> 03/12/2015 17:04 >>>
Dear Annick

Thanks for the notification of the extension to the comment period – quite a relief at this time of the year when energy levels and brain power is low!

We are aware of the need for a Coastal Waters Discharge Permit and your letter states that “The permit has been submitted to the DEA Branch: Oceans and Coasts (Directorate: Coastal Pollution Management). Assuming that this is Umgeni Water’s application for a CWDP what of the public participation requirements in this process? Any clarity you can give will be appreciated.

Regards
Carolyn

Carolyn Schwegman



Coastwatch KZN 135-408 NPO

afromatz@telkomsa.net

P O Box 343 Pennington 4184

Tel: +27 (0) 39 9752147

Cell: +27 (0) 83 981 4814

Fax2email: +27 (0) 86 725 1884:

From: Annick Walsdorff [<mailto:AWalsdorff@csir.co.za>]

Sent: 03 December 2015 08:55 AM

To: Annick Walsdorff

Subject: NOTICE OF EXTENSION OF COMMENTING PERIOD_Draft EIA Report_SWRO Plant, LOVU

Dear Stakeholder,

**Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant
and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast**

(DEA EIA Ref No: 14/12/16/3/3/2/636).

NOTICE OF EXTENSION OF COMMENTING PERIOD

Please see attached letter indicating the notification of the extension of the public comment period for the Draft EIA Report. You are hereby invited to provide comments on the Draft EIA Report.

Please note - comments on the Draft EIA Report should be submitted to the CSIR Project Manager at the contact details provided in the letter by **31 January 2016**.

Yours sincerely,
Annick Walsdorff

Principal Environmental Assessment Practitioner

EMS - CSIR

Consulting and Analytical Services

Tel: +27 21 888 25 89/2661

Fax: [+27 21 888 26 93](tel:+27218882693)

Annick Walsdorff - Fwd: Notice of release of Draft EIA Report_SWRO plant, Lovu

From: Annick Walsdorff
To: Annick Walsdorff
Date: 17/03/2016 09:48
Subject: Fwd: Notice of release of Draft EIA Report_SWRO plant, Lovu
Bc: yugeskni.govender@kzndae.gov.za; Nitasha Baijnath-Pillay
Attachments: DEIAR_Letter_English & Zulu.pdf

Good morning,

On 3 November 2015, you have been notified of the release of the Draft EIA Report for the proposed construction, operation and decommissioning of a sea water reverse Osmosis plant and associated infrastructure proposed at Lovu, on the KwaZulu Natal South Coast and invited to submit comments on the report.

The public commenting period closed on 14 December 2015 and had further been extended until 31 January as per our communication dated 03 December 2015.

To date, we have not received any comments from your organisation/department. We are in the process of releasing the Final EIA report and would appreciate if you could please confirm that you do not have further comments on this report.

Many thanks.

Kind Regards,
Annick

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 89/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

>>> Annick Walsdorff 03/11/2015 14:47 >>>

Dear Stakeholder,

NOTICE OF RELEASE OF DRAFT EIA REPORT FOR COMMENT AND INVITATION TO PUBLIC MEETING: Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast










(DEA EIA Ref No: 14/12/16/3/2/838).

Please see attached letter indicating the notification of **public comment period** for the **Draft EIA Report** and invitation to public meeting for the above-mentioned project. You are hereby invited to provide comments on the Draft EIA Report.

Please note - comments on the Draft EIA Report should be submitted to the CSIR Project Manager at the contact details provided in the letter by **14 December 2015**.

Message Id: 56EA6062.A96 : 63 : 45080
Subject: Fwd: Notice of release of Draft EIA Report_SWRO plant, Lovu
Created By: AWalsdorff@csir.co.za
Scheduled Date:
Creation Date: 17/03/2016 09:44
From: Annick Walsdorff

Recipients:

Recipient	Action	Date & Time	Comment
 drdlr.gov.za	Transferred	17/03/2016 09:44	
BC: Thembisile.mabaso@drdlr.gov.za(Thembisile.mabaso@drdlr.gov.za)	Delivered	17/03/2016 09:46	
 dwaf.gov.za	Transferred	17/03/2016 09:44	
BC: masefielda@dwaf.gov.za(masefielda@dwaf.gov.za)	Delivered	17/03/2016 09:46	
 eskom.co.za	Transferred	17/03/2016 09:44	
BC: john.geeringh@eskom.co.za(john.geeringh@eskom.co.za)	Delivered	17/03/2016 09:46	
 kzndard.gov.za	Transferred	17/03/2016 09:44	
BC: natasha.brijlal@kzndard.gov.za(natasha.brijlal@kzndard.gov.za)	Delivered	17/03/2016 09:46	
BC: vanessa.maolou@kzndard.gov.za(vanessa.maolou@kzndard.gov.za)	Delivered	17/03/2016 09:46	
 kznded.gov.za	Transferred	17/03/2016 09:44	
BC: Beiresi@kznded.gov.za(Beiresi@kznded.gov.za)	Delivered	17/03/2016 09:52	
BC: MatshekeA@kznded.gov.za(MatshekeA@kznded.gov.za)	Delivered	17/03/2016 09:52	
BC: parako@kznded.gov.za(parako@kznded.gov.za)	Delivered	17/03/2016 09:52	
 kztransport.gov.za	Transferred	17/03/2016 09:44	
BC: Michele.schmid@kztransport.gov.za(Michele.schmid@kztransport.gov.za)	Delivered	17/03/2016 09:46	
 nra.co.za	Transferred	17/03/2016 09:44	
BC: MarxJ@nra.co.za(MarxJ@nra.co.za)	Delivered	17/03/2016 09:46	
 POBOX1.STELLBOS	Delivered	17/03/2016 09:44	
To: Annick Walsdorff(AWalsdorff@csir.co.za)	Read	17/03/2016 09:49	
		17/03/2016 09:49	
 Transnet.net	Transferred	17/03/2016 09:44	
BC: Rodney.Murray2@Transnet.net(Rodney.Murray2@Transnet.net)	Delivered	17/03/2016 09:52	
BC: Simphiwe.Mazibuko@transnet.net(Simphiwe.Mazibuko@Transnet.net)	Delivered	17/03/2016 09:52	

Message Id: 56EA613C.A96 : 63 : 45080
Subject: Fwd: Notice of release of Draft EIA Report_SWRO plant, Lovu
Created By: AWalsdorff@csir.co.za
Scheduled Date:
Creation Date: 17/03/2016 09:48
From: Annick Walsdorff

Recipients:

Recipient	Action	Date & Time	Comment
 environment.gov.za	Transferred	17/03/2016 09:48	
BC: Nitasha.Bajjnath-Pillay(NBPillay@environment.gov.za)	Delivered	17/03/2016 09:49	
 kzndae.gov.za	Transferred	17/03/2016 09:48	
BC: yugeshni.govender@kzndae.gov.za(yugeshni.govender@kzndae.gov.za)	Delivered	17/03/2016 09:49	
 POBOX1.STELLBOS	Delivered	17/03/2016 09:48	
To: Annick Walsdorff(AWalsdorff@csir.co.za)	Read	17/03/2016 09:49	
		17/03/2016 09:49	

Annick Walsdorff - FW: Notice of Release of Draft EIA Report for comment and invitation to Public Meeting

From: Roland Moore <MooreRM@eskom.co.za>
To: "AWalsdorff@csir.co.za" <AWalsdorff@csir.co.za>
Date: 18/03/2016 14:41
Subject: FW: Notice of Release of Draft EIA Report for comment and invitation to Public Meeting
Cc: Michelle Nicol <NICOLM@eskom.co.za>

Dear Annick,

Your project falls within the Durban Electricity Area of Supply.
Eskom has no objection to your proposed project.

Regards,

Roland Moore
Head of Engineering Survey
Kwa-Zulu Natal Output Unit
Land Development
1 Portland Road
P.O.Box 5
Mkondeni
3212
Tel +27 33 395 3744
Cell +27 83 552 3284
Fax +27 33 395 3975
E-mail moorerm@eskom.co.za



Annick Walsdorff - RE: Notice of release of Draft EIA Report_SWRO plant, Lovu

From: "Judy Marx (ER)" <MarxJ@nra.co.za>
To: "Annick Walsdorff" <AWalsdorff@csir.co.za>
Date: 22/03/2016 07:31
Subject: RE: Notice of release of Draft EIA Report_SWRO plant, Lovu
Cc: "Ishaan Ramklown (ER)" <RamklownI@nra.co.za>, "Casper Landman (ER)" <Lan...>
Attachments: Message from ERGroundFloor

G'Day

We have commented.

Please see the attached.

I have changed the contact person on the attached form. The new contact person is Ishaan Ramklown.

Kind regards



Ms Judy Marx

Statutory Control / IT

Tel: [+27 33 392 8123](tel:+27333928123)

Fax:

Cell: 078 120 7452

Email: Marxi@nra.co.za

Eastern Region

58 Van Eck Place Mkondeni, Scottsville

P O Box 100410

www.nra.co.za

SANRAL Fraud Hotline: 0800204558



**Are you ready?
Get tagged**

From: Annick Walsdorff [AWalsdorff@csir.co.za]
Sent: 17 March 2016 09:45 AM
To: Annick Walsdorff <AWalsdorff@csir.co.za>
Subject: Fwd: Notice of release of Draft EIA Report_SWRO plant, Lovu
Importance: High

Good morning,

On 3 November 2015, you have been notified of the release of the Draft EIA Report for the proposed construction, operation and decommissioning of a sea water reverse Osmosis plant and associated

file:///C:/Users/awalsdorff/AppData/Local/Temp/XPgrpwise/56F0F4DE/STELLBOSP... 23/03/2016

infrastructure proposed at Lovu, on the KwaZulu Natal South Coast and invited to submit comments on the report.

The public commenting period closed on 14 December 2015 and had further been extended until 31 January as per our communication dated 03 December 2015.

To date, we have not received any comments from your organisation/department. We are in the process of releasing the Final EIA report and would appreciate if you could please confirm that you do not have further comments on this report.

Many thanks.

Kind Regards,
Annick

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 89/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

>>> Annick Walsdorff 03/11/2015 14:47 >>>
Dear Stakeholder,

NOTICE OF RELEASE OF DRAFT EIA REPORT FOR COMMENT AND INVITATION TO PUBLIC MEETING: Proposed Construction, Operation and Decommissioning of a Sea Water Reverse Osmosis Plant and Associated Infrastructure proposed at Lovu on the KwaZulu-Natal South Coast
(DEA EIA Ref No: 14/12/16/3/3/2/636).

Please see attached letter indicating the notification of **public comment period** for the **Draft EIA Report** and invitation to public meeting for the above-mentioned project. You are hereby invited to provide comments on the Draft EIA Report.

Please note - comments on the Draft EIA Report should be submitted to the CSIR Project Manager at the contact details provided in the letter by **14 December 2015**.

Yours sincerely,
Annick Walsdorff

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 89/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

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**ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND
OPERATION A SEA WATER REVERSE OSMOSIS (DESALINATION) PLANT AND
ASSOCIATED INFRASTRUCTURE AT LOVU ON THE KWAZULU-NATAL SOUTH COAST**

DEA Reference No: 14/12/16/3/3/2/636



REGISTRATION AND COMMENTS FORM



17 March 2014

Name: Ishaan Ramklow E Landman Dr	Telephone: 033 392 8100
Organisation: SANRAL	Fax:
Designation:	Email:
Physical address: 58 VAN ECK PLACE, MKONDENI PIETERMARITZBURG	Postal address: Box 100410 Scottsville 3209

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process

YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
------------	-------------------------------------	-----------	--------------------------

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

Please describe any issues or concerns you think should be considered during the EIA process

The proposed rising main routes cross over the N2 and SANRAL is affected. Wayleaves for the crossing of the road must be applied for at this office once a route has been decided on

Please provide details of any other individuals or organisations that should be involved:

Please submit this **Registration & Comments Form** to:

Kavandren Moodley CSIR P O Box 17001, Durban, 4013 Tel: 031 242 2385 Fax: 031 261 2509 E-mail: kmoodley1@csir.co.za Website: www.csir.co.za/eia/LovuDesalination.html
--

Annick Walsdorff - Re: FW: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/3/2/636

From: Annick Walsdorff
To: Natasha Brjial
Date: 15/03/2016 08:29
Subject: Re: FW: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/3/2/636
Cc: vanessa.maclou@gmail.com; vanessa.maclou@kzndae.gov.za

Dear Natasha,

I trust you're well. Have you had any confirmation regarding LN3 activities that may be triggered by the proposed SWRO plant at **Lovu**? We have not received any feedback to date.

Kind Regards
Annick

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 89/2661
Fax: +27 21 888 26 93

>>> Natasha Brjial <Natasha.Brjial@kzndae.gov.za> 00/11/2015 09:28 >>>

Hi Annick

I have requested this information from Ezemvelo KZN Wildlife – please see e-mail below on 16 October 2015. To date we have not received any feedback. I will try to make contact again.

You are welcome to contact Mr Dominic Wieners (e-mail below) regarding an update.

Regards,

Natasha Brjial

EDTEA - eThekweni District
SA Component
Tel: 031 926 7520 / 079 888 0471 (sms if unavailable)



Please consider the environment before printing this email. Thank you.

From: Vanessa Maclou [vanessa.maclou@gmail.com]
Sent: 10 November 2015 08:44 AM
To: Annick Walsdorff
Cc: Natasha Brjial; vanessa.maclou@kzndae.gov.za; yugesihni.govender@kzndae.gov.za
Subject: Re: Re: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/3/2/636

Hi

Natasha will provide a response as this matter is not for my attention.

Warm regards,

Vanessa Maclou
District Manager
eThekweni District
082 461 7668

On 9 November 2015 at 22:14, Annick Walsdorff <AWalsdorff@csir.co.za> wrote:
Good morning Natasha/Vanessa,

Any progress on query below?

Many thanks
Regards
Annick

From: Natasha Brjial
Sent: 16 October 2015 11:08 AM
To: 'Dominic Wieners'
Subject: Re: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/3/2/636

Hi Dominic

Trust you are well.

I do understand the immense pressure you are under at the moment, but I require your assistance please. Due to the lack of GIS information at the district level, please can we get confirmation of LN3 activities for the above-mentioned application.

It is a National application & they require LN3 activities confirmed by province – kindly see e-mails below.

Your assistance in this regard is greatly appreciated.

Kind regards.

Natasha Brijlal

ED/EA - eThekweni District

EA Component

Tel: 031 328 9326 / 079 898 0491 (ms. if unavailable)



Please consider the environment before printing this email. Thank you.

From: Annick Walsdorff [AWalsdorff@csir.co.za]

Sent: 07 October 2015 11:25 AM

To: Natasha Brijlal

Cc: vanessa.maclou@gmail.com; vanessa.maclou@kzndard.gov.za

Subject: RE: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/2/636

Dear Natasha,

Please find attached letter sent to all I&APs with link to the FSR report as well as the Final Scoping Report acceptance letter from DEA.

Many thanks.

Kind Regards

Annick

Principal Environmental Assessment Practitioner

EMS - CSIR

Consulting and Analytical Services

Tel: +27 21 888 25 89/2661

Fax: +27 21 888 26 93

>>> Natasha Brijlal <BrijlalN@kzndard.gov.za> 06/10/2015 14:38 >>>

Hi

Noted.

However, in the absence of a GIS system, we will have to liaise with Ezemvelo KZN Wildlife regarding confirmation of activities.

Kindly can you send the attachment on your earlier e-mail (as none was attached to the e-mail I received) and the link to your website for the FSR.

Regards.

Natasha Brijlal

ED/EA - eThekweni District

EA Component

Tel: 031 328 9326 / 079 898 0491 (ms. if unavailable)



Please consider the environment before printing this email. Thank you.

From: Annick Walsdorff [AWalsdorff@csir.co.za]

Sent: 06 October 2015 09:15 AM

To: Natasha Brijlal

Cc: vanessa.maclou@gmail.com; vanessa.maclou@kzndard.gov.za

Subject: RE: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/2/636

Many thanks for your email Natasha. In the FSR approval letter from DEA, they noted the following

- e) The ÉAP must engage the relevant provincial environmental authority with regards to development in geographic areas triggering GNR 546: Activities 2, 4, 10, 12, 13, 14, 16, 19 and 24, to confirm applicability of these activities.

This is why we contacted you. Please confirm?

Many thanks.
Kind Regards
Annick

>>> Natasha Brijal <BrijalN@kznded.gov.za> 06/10/2015 08:15 >>>
Dear Annick

Thank you for your e-mail.

Your application is lodged with National DEA, hence, you would need to confirm the listed activities with them as they are assessing the application and subsequently responsible for issuing the authorisation.

Regards.

Natasha Brijal

EZREA - eThekweni District

EIA Component

Tel: 031 328 9328 / 079 898 0491 (mva if unavailable)



Please consider the environment before printing this email. Thank you.

From: Vanessa Maclou [vanessa.maclou@gmail.com]
Sent: 06 October 2015 04:25 AM
To: Natasha Brijal; Natasha Brijal
Subject: Fwd: Re: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14/12/16/3/3/2/636

Hi
Eia enquiry
Kind Regards
Vanessa Maclou

----- Forwarded message -----

From: "VANESSA MACLOU" <VANESSA.MACLOU@kzndard.gov.za>
Date: 6 Oct 2015 00:09
Subject: Fwd: Re: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14-12-16/3/3/2/636
To: <vanessa.maclou@gmail.com>
Cc:

----- Forwarded message -----

From: Annick Walsdorff <AWalsdorff@csir.co.za>
To: <yusehmi.govender@kzndae.gov.za>, <natasha.brijal@kzndard.gov.za>, <vanessa.maclou@kzndard.gov.za>
Cc: Lydia Kuru <lkuru@environment.gov.za>, <marabothata@environment.gov.za>
Date: Mon, 05 Oct 2015 09:18:33 +0200
Subject: Re: EIA for proposed SWRO plant and associated infrastructure in Lovu, KZN - Ref: 14-12-16/3/3/2/636
Good day Mrs Brijal.

We would like to follow up on email below.

Many thanks
Kind Regards
Annick

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 09/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

>>> Annick Walsdorff 24/08/2015 16:51 >>>
Good day,

In the absence of Ms Govender, can you please kindly assist in the matter below?

Many thanks
Kind Regards
Annick

Principal Environmental Assessment Practitioner
EMS - CSIR
Consulting and Analytical Services
Tel: +27 21 888 25 09/2661
Fax: [+27 21 888 26 93](tel:+27218882693)

>>> Annick Walsdorff 24/08/2015 13:20 >>>
Good day Mrs Govender,

As a key I&AP on our database for the above mentioned project, CSIR has sent you the final scoping report for the proposed development in February 2015. As per attached FSR approval letter from National DEA, we have been requested to confirm the applicability of the following activities as part of the proposed development:

GNR456: Activities 2, 4, 10, 12, 13, 14, 16, 19 and 24 (refer to Chapter 1 of the Final Scoping Report).

GN R.546 Item 2 (a) (i) (iii) [(aa) (gg)]: The construction of reservoirs for bulk water supply with a capacity of more than 250 cubic metres in the KwaZulu-Natal province in an estuary or outside urban areas in:
(aa) National Protected Area Expansion Strategy Focus areas;
(gg) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.

A 75 000 m³ holding reservoir located at the plant site (estuarine site) and other product water reservoirs located offsite may be required for the proposed project. If required, the offsite holding reservoirs would be constructed outside of urban areas in an area which is seaward of the development setback line and within 1 km of the high water mark of the sea. Construction would also occur within an area which has been identified as Critical Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent).

GN R.546 Item 4 (a) (i) (ii) [(bb) (hh)]: **The construction of a road wider than 4 metres with a reserve less than 13,5 metres in the KwaZulu-Natal province in an estuary or outside urban areas in:**

(bb) National Protected Area Expansion Strategy Focus areas;
(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.

New roads required for the proposed project may be constructed in an estuarine functional zone, or outside urban areas situated seaward of the development setback line and within 1 km of the high water mark of the sea. Construction would also occur within an area which has been identified as Critical Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent).

GN R.546 Item 10 (a) (i) (ii) [(bb) (hh)]: The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres in the KwaZulu-Natal province, in an estuary or outside urban areas in:

(bb) National Protected Area Expansion Strategy Focus areas;
(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.

Chemicals such as biocides will be stored on-site for the cleaning of reverse osmosis membrane filters. At this stage it is uncertain what additional types and quantities of dangerous goods will be used during operation of the desalination plant (for water treatment). Construction of such storage facilities may occur within an estuarine zone outside urban areas situated seaward of the development setback line and within 1 km of the high water mark of the sea, and in areas which has been identified as Critical Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent).

GN R.546 Item 12 (c): The clearance of an area of 300 square metres or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, within the littoral active zone or 100 metres inland from high water mark of the sea or an estuary, whichever distance is the greater, excluding where such removal will occur behind the development setback line or even in urban areas.

The proposed desalination plant and supporting infrastructure would require an area greater than 300 m² to be cleared of vegetation. Given the fact that the desalination plant and associated infrastructure is to be primarily situated on land which is utilised for agricultural practices it is not certain as to whether 75% of the vegetation to be cleared would constitute indigenous vegetation. Should 75% of the cleared vegetation constitute indigenous vegetation this may occur within the littoral active zone or 100 m inland from high water mark of the sea within the development setback line.

GN R.546 Item 13 (c) (i) (ii) [(bb) (gg)]: The clearance of an area of 1 hectare or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, in the KwaZulu-Natal province, in an estuary and outside urban areas in:

(bb) National Protected Area Expansion Strategy Focus areas;
(gg) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.

The proposed desalination plant and supporting infrastructure would require an area greater than 1 Ha to be cleared of vegetation. Given the fact that the desalination plant and associated infrastructure is to be primarily situated on land which is utilised for agricultural practices it is not certain as to whether 75% of the vegetation to be cleared would constitute indigenous vegetation. Should 75% of the cleared vegetation constitute indigenous vegetation this may occur within an estuarine functional zone or outside an urban area in an area which has been identified as Critical Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent), areas seaward of the development setback line or within 1 km of the high water mark of the sea.

GN R.546 Item 14 (a) (i): The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation in all areas outside urban areas in the KwaZulu-Natal province.

The proposed desalination plant and supporting infrastructure may require an area of land greater than 5 Ha in total to be cleared of vegetation. Given the fact that the desalination plant and associated infrastructure is to be primarily situated on land which is utilised for agricultural practices it is not certain as to whether 75% of the vegetation to be cleared would constitute indigenous vegetation. Should 75% of the cleared vegetation constitute indigenous vegetation this would occur outside urban areas.

GN R.546 Item 16 (i) (iii) (iv), [(a) (i) (ii) (bb) (ii)]: The construction of:

- (i) jetties exceeding 10 square metres in size;
- (ii) buildings with a footprint exceeding 10 square metres in size; or
- (iv) infrastructure covering 10 square metres or more, where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line, in the KwaZulu-Natal

province, in an estuary or outside urban areas, in:

(bb) National Protected Area Expansion Strategy Focus areas:

(i) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.

Pipeline infrastructure proposed as part of the desalination project may traverse watercourses in the region. The construction of new supporting infrastructure exceeding 10 m² may be required within 32 m of a watercourse to accommodate such crossings. Such construction may occur in an estuarine and outside urban areas in areas which have been identified as Critical Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent), in areas seawards of the development setback line or within 1 km from the high water mark of the sea.

GN R.546 Item 19 (a) (i) (ii) [(bb) (hh) (i)]; The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre, in the KwaZulu-Natal province, in an estuary or outside urban areas, in:

(bb) National Protected Area Expansion Strategy Focus areas:

(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined;

(i) Areas on the watercourse side of the development setback line or within 100 metres from the edge of a watercourse where no such setback line has been determined.

The proposed project may require existing roads to be widened by more than 4 m and/or lengthened by more than 1 km. This would occur in an estuarine functional zone or outside urban areas in areas which have been identified as Critical Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent), in areas seawards of the development setback line or within 1 km from the high water mark of the sea, or areas on the watercourse side of the development setback line or within 100 metres from the edge of a watercourse.

GN R.546 Item 24 (i) (iii) (iv), [(a) (i) (ii) (bb) (hh)]; The expansion of:

(i) jetties where the jetty will be expanded by 10 square metres in size or more;

(ii) buildings where the buildings will be expanded by 10 square metres or more in size; or

(iv) infrastructure where the infrastructure will be expanded by 10 square metres or more, where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line, in KwaZulu-Natal, in an estuary or outside urban areas, in:

(bb) National Protected Area Expansion Strategy Focus

areas;

(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.

The establishment of pipelines and associated infrastructure proposed as part of the desalination project may require the expansion of existing jetties, infrastructure and buildings by more than 10 square metres and may be required within 32 m of a watercourse. Further investigation into these aspects of the proposed development will form part of the EIA and detailed engineering design phase. Such expansion would occur in an estuarine functional zone or outside urban areas in areas which have been identified as Southern Coastal Grasslands in terms of the NPAES Threatened Ecosystems (Original extent), and in areas seawards of the development setback line or within 1 km from the high water mark of the sea.

Your assistance will be greatly appreciated. Looking forward receiving your inputs.

Many thanks.

Kind Regards,
Annick

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>>> "Lydia Kutu" <lkutu@environment.gov.za> 06/05/2015 09:17 >>>
Good day.

Please find herein the attached signed letter for the above mentioned.

I hope you find all in order.

Thank you.

Kind Regards,
Lydia Kutu

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**Environmental Impact Assessment (EIA) for Proposed Sea Water Reverse Osmosis Plant and
Associated Infrastructure at Lovu - Draft EIA Report**

PUBLIC MEETING

**17 November 2016
Amazimtoti Civic Centre
Meeting Notes**

List of attendees

Annick Walsdorff (CSIR) - AW
Rohaida Abed (CSIR) - RA
Mendy Shozi (CSIR) -MS
Kevin Meier (Umgeni) - KM
Phumi Ndlovu (Umgeni) - PN



Meeting: Lovu EIA Public Meeting

Project: East Coast Desalination

Date: 17 November 2015

Venue: Amazimtoti Civic Centre

Time: 19h00 – 20h30

KINDLY PRINT YOUR NAME IN FULL AND WRITE CLEARLY

NAME AND SURNAME	ORGANISATION	FULL POSTAL ADDRESS	PHONE	FAX	EMAIL	SIGNATURE
DONALD SUTHERLAND	ILLOVD	2575TH ST SILKHA 4215	0834556680		DON SUTHERLAND ILLOVD. CO. ZA	
BONGANI KHUMALO	OPERATION JUMBSTART	711-717 OFFICE SUITE MUSKANE CENTRE 115 MUSKANE RD KILISNO	031-201-3770		info@ojaland.co.za	
GAVIN GRADWELL	MOTHER OF PEACE	Box 7047 Illovo 4150	082209614		gavin@motherofpeace.co.za	
Phumi Ndlovu	UMGENI WATER		083881904		phumi.ndlovu@umgeni.co.za	
KEVIN LOMBARD	LOWER ILLOVO BUSINESS PARK.	17 TREDOR (OPPOSITE) CHOSB. ST. WILHELM'S.	083611647		kevin@lowerillovo.co.za	
ANGUS + MARRION PYKE	TOTI CONSERVANCY	34 STREET 21A PARK REVENUE BEHAT	0319165110		anguspyke@yandex.co.uk	
Kendyl Le Roux	PVT	412 Andrew Zeko Amazimtoti 1126	0844701932		kendyllr@gmail.com	
George Olive	Alphacat	P. o Box 4071 Durban 4001	0829622913		oliveg1@alphacat.co.za	
Halele Molotsi	TOTI Conservancy	2 Kenilworth PL Amazimtoti 4126	0836482301		lion@websurfer.co.za	
Rohaida Abed	CSIR	359 KING GEORGE V AVENUE, DURBAN 4000	031 2422300	031 2612509	RABED@CSIR.CO.ZA	
Mendy Shozi	CSIR	359 King George V Avenue, Durban, 4000	031 242 2360	031 261 2509	mshozi@csir.co.za	

PART I: Welcome and Introductions

Welcome and attendee introductions

PART II: Presentations

Project introduction and Welcome & Introductions by Annick Walsdorff (CSIR)

Presentation titled "EIA for the proposed sea water RO plant and associated infrastructure at Lovu – Public Meeting" by Annick Walsdorff (CSIR)

Presentation titled "Umgeni Water – Need and Desirability" by Kevin Meier (Umgeni Water)

Presentation titled "Project Description" by Kevin Meier (Umgeni Water)

PART III: Questions and issues

Q1: Toti Conservancy (Angus Pyke)

Amazintoti conservancy is terribly disappointed at the turn-out. We would like CSIR to acknowledge that. If we had not seen a man with a drilling rig on the beach, we would have not heard of the project. We don't know anything about RO and desalination plant. We understand that the plant will be situated on a farm. Nowhere in newspaper, did you explain what are the impacts associated with waste material etc. from this process on beach – that would potentially affect us. Maybe there would be more people here should we understand more about the process.

Why was desalination not described in the local newspaper (1/2 page article about desalination)? It appears to me that you have done everything that you are legally responsible to do, and that's fine but, morally the community should be more informed.

11 people turning up for the meeting - Something is missing somewhere. Nobody reads the Mercury. South Coast Sun, the Fever should be targeted. You need to identify that issue at the beginning of the process/briefing to your customer – do not blame community lack of interest as we never heard of it before and have not been exposed to it. Why haven't we had an editorial in the newspaper?

Was the Toti Conservancy on the original I&AP list or the Army of Saints who clean the rivers?

May I extend an invitation on behalf of the conservancy to come and do a presentation at one of our meetings?

AW: We have not tried to avoid inclusion of I&APs. CSIR has drafted a list of I&APs that we are aware of, Site notices have been put up, letters and I&APs registration forms have been sent to all I&APs on the original list we had, the release of the draft EIA report and the PPP was advertised.

KM: Similar advertising as for the project on the North Coast – about 100 people attended the 1st meeting due to the location of the proposed project. For Lovu, the proposed project will be located on a farm, further away from the public. Unless people are directly affected, most will not come to such meeting. At Tongaat, we re-advertised, sent out flyers etc. and no more people at the next meeting. If people are pro the project, they will most probably not attend. If they have concerns, they will attend.

Umgeni and CSIR are more than happy to come to Toti Conservancy to present the project and undertake a focus group meeting – as long as it is in within the 40 day comment period which closes on 14 December 2015.

Angus Pyke: This is not suitable and too short of a notice. It's less than 30 days. You are not hearing the community. With less than 30 days to go, we have not been given a real opportunity to understand the process and what is going on.

AW: Your comment and concern is noted. If we can start with the presentation, this will give you a better idea of what the proposed project and process are about.

Q2: Bongani Khumalo

1) How much seawater to produce for 1 litre of drinking water?

AW: The amount of drinking water is about 45-50% from the intake (sea water). So it takes about 2 l of seawater to produce 1 l of drinking water.

2) How much does it cost?

KM: Depends if we get grant funding from the government. Anywhere between R6 – R14 / Kl but that is not what will be charged to the customers. At the moment, we charge R5 per kL to the municipality but we sell 1 200 ML a day. This is a 150 ML plant. We distribute our costs amongst those 1 200 ML. If we built a desalination plant, tariff will go up a couple cents per kL for each user in UW's area.

3) We are affected by your 1st option? There is a home for children. Once the plant is there, what kind of risks will be there to the children and people which are there?

AW – We will address that as part of the specialist studies.

Q3: Angus Pike

Is it an overhead line?

AW: Yes

Q4: Angus Pike - Can you please give us proof of focus group meetings. You have not advertised in local newspaper. Mercury is not a local news. Examples of local newspaper are the South Coast Sun and South Coast Fever. If it was in Isolezwe – was it in Zulu?

Everyone does not read newspapers, you need to go to school and announce the project at the local radio stations so that people can come. The timing of the public meeting is not good – too late and not many people can attend as they need to catch transport to go home.

Kendyl Le Roux – the EIA Regulations don't require them to do so.

I grew up in the area and had not heard about the project. And I look at the Mercury. I heard a rumour that there was an EIA undertaken, from Coastwatch. I know it's difficult to get people to come to meetings.

AW – As part of the public participation process, we do advertise the release of the DEIAR and the FEIAR. From the start of the project, we have advertised in English and in Zulu, and all letters sent to I&APs have been sent in both languages too. For the public meeting, we also have a Zulu speaking colleague with us (Mendy Shozi).

Q5: Angus Pike – do you expect people to read all 1000 pages of a report on a website?

AW: A hard copy of the report is available at the public library for people who do not have access to internet. There are also the summary and conclusion chapters as well as public meetings.

Q6: Bongani Khumalo – Reading the report is not easy for everyone. There are also local registration where you can also put the same advert from the newspaper. Also the time – at 7pm many people have to go home and cannot get transport to come to the meeting. Maybe it is a problem with the day. Maybe weekends might be better. People that come from Illovo cannot make it

AW: We have previously been criticised because the meetings were held too early and people were working.

KM – if we are talking specific people that couldn't make the meeting, then we need to consider it. But if we just talk hypothetically (that people can't make it because too late or not on a WE), then I don't agree. If we have another meeting and there are no more people attending, it doesn't help more. We are following a process and not trying to exclude people, also have time & budget constraints.

We did tell the councillors of the area to make it public to their constituents.

Q7: Angus Pike – we live in Warner Beach and use Lovu river for aesthetics. We have concerns re. bank that exist at the lower river mouth that is a breeding ground for major fish population that is threatened.

AW – This impact has been studied in the report as part of the estuary specialist study and I will present it just now. With the proposed mitigation, it hasn't come out as a high impact.

Q8: Kendyl Le Roux – What is an entrainment study?

Angus Pyke - Can people get sucked in?

KM – An entrainment study – set up an intake structure at a certain velocity. What effect this intake would have on the species around. There will be a big chamber with slats. Fish cannot get into the

structures. Intake velocity is extremely low – about 0.15 m/s at can be taken into the pipe during suction of seawater. The suction velocity is very low and will not impact people or marine ecology. Showed a video.

Q9: Angus Pyke – Do those protocols take into account birdlife in that area? I am concerned about bird life in area (blast) – oystercatchers, flocks to 18 on beach – that's a first. Immediately in front of the boardwalk which is the complex situated on the beach in that area, we had flocks of up to 18 oystercatchers. Certainly a few blasting would not be acceptable.

AW: It does into consideration birdlife at sea. There should be no blasting on the beach. The pipelines will be put in trenches.

Q10: Angus and Maureen Pyke - where will all the construction vehicles go to the beach? Where is the access to the beach. Where about is the pump station? In the old caravan park? Near the Caravan Park? Where is the boardwalk located compared to the pump station?

I was talking to the man who was drilling on the beach and he was talking to me about what was under the beach.

KM/AW: The access to the beach will be controlled – road to the site. Single access to the beach. Pump station would be between the boardwalk and in the estuary. Report makes mention of the sensitivity of the beach and recommends mitigation. The pipeline will be north of boardwalk and through the caravan park – between the beach and the road (in the old caravan park)

One of the sensitive area on the shore is the sand dunes. These have been assessed as part of the EIA. Have being considering to pipejack under the dunes.

Q11: Angus Pyke - Are you aware that the council did spend money (millions) on stabilizing the area?

KM: The proposed desalination plant will deliver 150 Ml/day (150 000 homes on the north coast) cost about 4.2 billion rand – capex. If stabilising the dunes cost 6 Millions, it is low relative to 4.2 billion capex for the project. So we will make sure that we put the money where it is necessary

Q12: Maureen Pyke - all to give water to people in Toti?

KM: 50% to Lovu as far as it can go down to the south coast and 50% north into Ethekewini

Q13: Angus Pyke – what alternative sites were selected?

KM presented the Need and Desirability presentation to show how this location was chosen.

Q14: Kendyl Le Roux – So the breakwater is not a permanent structure

KM: No – temporary during construction

Q14: Maureen Pyke (Toti Consevancy) - is the plankton affected? I have no idea – I know we have a lof of whales

It will not affect whales (George & Kendal)

KM: 300 ML per day of water from which plankton will be removed.

Q15: Kendyl Le Roux – I am worried about the benthic environment; has it been sampled? Plus what's coming out of the pipelines,

Q16: Angus Pyke – How big is the pump station? It is a relatively big area. What will we see when we drive pass the beach with overseas guests? I understand the plant will be big. It will quite offensive to people that live in Illovo village

AW – The pump station will be about 1 hectare. The visual specialist study has made further mitigation recommendations.

KM - Most will be underground. You will see a structure above ground that will look like a large brick wall.

Q17: Angus Pyke – Is the layout of the plant across the existing main road?

KM – no, it's a cane road. The main road is to the left.

George Oliver and Angus Pyke – we would like a copy of the presentation

AW: Yes we will send you a copy of the presentations.

Q18: Bongani Khumalo – what would the noise levels be?

Gavin O'Radwell – noise is zero where we live on property on beach, so we will know.

AW: A noise study has been undertaken as part of the EIA and the outcome of the study showed that, with the implementation of appropriate mitigation measures, noise is not anticipated to be an issue. Some measures of existing noise were taken by the specialist and used when comparing predicted noise during construction to existing noise levels. It will be depending on where they took noise measures – sea is noise. The proposed plant would be located in a sound proof building.

Q19: George Oliver – Is Umgeni going into partnership with someone else?

KM: It will be a business operating models. Most likely formalise an alliance with a company that has constructed such plant to learn from them. Work with them for 5 to 7 years to learn (operate with them) and then take over.

Q20: Maureen Pyke – is it the 1st one in SA?

KM – This would be the 1st large one in SA. There is one smaller plant 15 ML/d in Mossel Bay. Many large desalination plants worldwide, in California (in a relatively build-up area), Australia, Spain etc. It's not a new concept.

Q21: Angus Pyke - when (if) is it likely to go?

KM – Planned to be running within 5 years from approval, if approved. The demand of the south coast is growing at a rate that the current infrastructure will run out in the next 5 years. So there will be water restrictions in 5 years time unless this project or an alternative project on the Umkomaas is built. The lower Umkomaas project is an off channel storage dam with a water treatment plant.

Q22: Hlalele Molotsi – Will you have scholarships?

Will you need high skills and technical expertise? Will there be bursaries or training for locals? Lots of imports? What will be done for socio-economic aspects?

KM – During the construction, you end up with more than 100 people on site working. Some construction methods require very skilled people and we can't get those people on the market. Other people are needed for construction, that we can get from the community. Umgeni will need high skills and technical expertise from overseas to construct the plant that we can use. As for all UW projects, all employees will be trained and developed during construction. Once the plant is running, there will be minimal employees needed on site to manage the entire site (only about 30 people) - 15 local, 15 people managed by an overseas company. Those people would be trained over the years to make sure they can run the plant alone after a while.

Q23: Hlalele Molotsi– Will there be time for shut-down and maintenance? What are the risks? Failure of membranes are a risk?

KM – There are 74 risks that have been identified for this project. The risk is not really to shut down the plant as the plant can run on other membranes. The proposed plant will supply 150 ML/day but will have capacity for 180 ML/day, so some membranes can be offline while maintained.

Q24: Donald Sutherland – how will you dispose scaling from membranes?

KM – The amount of scalant is very little and would go in the larger tank and discharge to sea. Soap to clean the membrane is like baby toothpaste. Not anticipated to be an issue.

Q25: Ken Lombard – Sand mining has been gone for a year – we closed it down & rehabilitated the area.

Q26: Kendyl Le Roux – when pipeline crosses river to the plant, will it be tunnelled or will it be bridged?

AW – It will be a bridge.

Q27: Angus Pyke – That's conflicting situation re the proposed mitigation to undertake construction activities during the dry season. It is during the dry season that the water is north. During wet season,

the mouth opens at railway bridge. Currently there is a drought and there is no mouth, the water from the lagoon (parallel to the sea) is 150 m north of boardwalk. So when there isn't enough rain, the mouth isn't open and the water backs up northwards. When it rains a lot, it tends to open straight out
AW: we will ask the specialist to comment.

Q28: Ken Lombard – can you please ask the specialist to re-check the 1/100 year floodline. Got photographs of last big flood.

KM - got photos of 1857 flood – doesn't affect the proposed plant. We can design for more than 1 in 100 year flood and put berms etc. but need to see if possible from an engineering point of view. It will be useful to talk to you about it.

Q29: George Oliver — Do you have sardines as well? What will happen to the sardines?

KM – The intake velocity will be very low and will not impact the sardines. Will not be able to catch a basket of sardines.

Q30: Angus Pyke – The operational phase - the anticipated noise level of 45 dB will impact on the boardwalk buildings?

AW – The anticipated noise level of 45 dBA is within permitted noise limits. At night, the permitting level is 35-40 dBA.

Q32: Gavin Gradwell - Socio-economic issues and the impact on economy? Discussions to be held between Mother Of Peace & UW

KM: Discussion will be held with MOP

Q33: Donald Sutherland – It seems as Illovo was forgotten in your impact assessment presentation. Most of the pipeline is going through Illovo property and both your sites are on Illovo property – we are not there? Why? Illovo loses cane fields – not even a low impact? Umgeni still needs to discuss with Illovo.

Bongani Khumalo – who will initiate the negotiations with MOP?

Gavin Gradwell – at what point does negotiations begin?

AW – The impact of the proposed development on Illovo is not anticipated to be highly significant. As stated at the start of this meeting, we are only presenting key (high and medium significance) impacts as part of this meeting.

KM – UW will do the negotiations only when they get the EA. UW feels that it is not appropriate to start negotiations before that.

Q34: Hlalele Molotsi – With the Engen refinery it has an environmental impact. Do you project same extent with the proposed plant?

KM: No air emissions are anticipated from the proposed desalination plant

Q35: Ken Lombard – EIA is not complete? Have they done it already? Go ahead with ROD?

KM: Until the ROD is granted or not, the EIA is not completed and we cannot progress.

Q36: Ken Lombard - what is the length of pipeline?

How will it be done? Similar to the gas and oil pipeline – with a machine? Another 100 m damage on either side of the pipeline? The proposed development is going through a sensitive area, never mind birdlife, crane that have been here for the past 18 months - such a shame we have been fighting for so long – almost 10 years to recuperates. Now, the whole valley will be disturbed.

KM: It will be excavated with a machine. 2.5m trench & 30 to 40 m wide working strip with one trench and 2 pipes. Construction would be about 5 years – 3 years of construction and 2 year of design etc. We would hope that the construction period for the pipeline will be short as only 1 km or so.

AW – rehabilitation will occur as it construction progresses. Recommendations have been given to soil piling, making sure you are replacing the soil horizons etc.

Q37: Ken Lombard – How do you get around 3 indigenous trees, endangered trees?

KM – Not sure where you're mentioning. That's what the ecologist was there to identify. Would be pointed out.

AW – If necessary to slightly re-align to protect that forest, that would be done. Permit would be applied for where applicable.

Q38: Ken Lom – south side, behind MOP, if you drive 100m, you would be deep in water. In flood, water goes around, waterways back up & river is not wide enough to manage the flood.

KM – yes. We can see that from the photographs. They have drains to drain the area. We will need to come and talk to you.

Q39: Hlalele Molotsi – Will UW secure the length of the pipeline? Thinking of sabotage (Nigeria)

KM: The pipeline will be carrying saltwater and will be buried about 2 m underground. UW has lots of pipes around the province –we can't protect them all. We have more problems around vandalism on our valves etc. Taking metal out of design to avoid it being stolen.

Q40: Kendyl Le Roux – were no macrobenthic studies been done? You need a baseline. You don't know what's there and especially with what's coming out of the pipeline. That would affect the macrobenthos. Should we be concerned?

It does not make sense to sample the area afterwards. I'm not against desalination but to me there should be sampling before and not after the spot has been chosen. How can she make a call without knowing what is there. Unless she has lived in the area. Brine is an issue for macrobenthos. There is no reason however to doubt Andrea Pulfrich's work. There is some sort of data but it will be species list which can be from anywhere. I'm not sure whether they have samples from offshore and at the mouth.

AW – no baseline undertaken at this stage. It is planned to do that prior to construction. The marine specialist looked at brine discharge and at existing data. According to the marine specialist study, the impacts on macro benthos are not anticipated to be significant. We will get the specialist to respond to you.

KM - We have samples from EKZNW which have extensive lists of what they have mapped across the area. We are relying on the marine specialist to guide us on what to do.

Q41: Kendyl Le Roux – if the river is flowing out and the sediment load increases, will that sediment go into the facility? In a dried cycle?

KM – We measured that over the years and there were a number of instances where turbidity increased. During that water quality monitoring, there was a number of floods, and the turbidity did increase but not significantly. During those big events, the water goes out to sea and down coast and you have very high currents. It doesn't go 1 km out and if does go, it will sit on the top. The plant intake is below the surface.

Q42: Kendyl Le Roux – Was the discharge at sea modelled for turbidity?

AW – The model was undertaken for trace components that will be released and assessed how much will settle out.

Q44: Kendyl Le Roux –No concern of a high energy environment? You're going into the surfzone into a high energy environment.

KM – No, that's why intake is 20 m depth and 1 km off shore.

Q45: Gavin Gradwell – A lot of work has been done, it seems as if it is pretty much a done deal and that the project is ready to go ahead. UW has spend money to do the assessments and given the current water shortages, so we cannot see government saying it cannot approve especially its alternatives.

KM – All IA&Ps can have their say. The EIA has undertaken a comparison of alternatives. We're doing the EIA but it doesn't mean that we will construct the project. We still have to compare it with the Lower Umkomaas. We need to do those studies before we can add those options into the pool. Then we can make a decision on which project to do if we get the ROD and the go ahead from our executive.

AW – you must remember all the other alternatives will also have their own environmental impacts. The competent authority is national DEA. If there is a fatal flaw, they will not let the project go ahead.

Q47: Gavin Gradwell – if the authorities give the go ahead, is there any options from our side? We're the guys living on the properties. And we're the last people to have an agreement.

KM – UW is not autocratic. I have been at UW for 11 years and UW would only expropriate where they could not find the landowner for a small area after 1 year. We rather sit down and discuss. As soon as we get the ROD, we would start negotiations with landowners. Even if we don't build it now, we expect it would need to be constructed in the long term as a future option.

Q48: Angus Pyke – would you be able to put together a document for the local newspapers? A description of what we would potentially have, in layman's language and mentioning the alternatives that are being looked at?

PN: We will look into that.

Q49: Angus Pyke – I have attended the river classification meetings for more than 1 year. This subject has not been mentioned once. This is rather strange. It has reached the final stage now, will look at final report. I don't believe that mention of desalination is anywhere in that written documentation.

AW: The Department of Water and Sanitation is definitely aware of the project. DWS – Ethekewini – Neil MacLeod. KZN – Mrs Angela Masefield – informed of the project.

KM – DWS also have a reconciliation strategy to ensure that all areas are supplied with water and desalination is an option.

Q50: Kendyl Le Roux – Will the Tongaat desalination plant go ahead?

KM: Unlikely. The Smithfield dam will have to be constructed. That dam cannot supply this area but it can supply the north coast. So the desalination plant would only run for 2 years before being replaced by the Umkomaas project which is more likely to be taken forward – taking water out of the river into an off storage dam. Will have to consider environmental concerns and costs. We cannot just carrying on looking at supplying water with dams.

Q51: Kendyl Le Roux – The environmental impacts of a dam are really understated. It is probably worst than a desalination plant. Eskom is already battling with supply of energy. How is this different? Would desalination plant take preference over residents?

KM - All of their programs show that electricity would be available within the next 5 years.

Q49: Maureen Pyke – Have you looked at wind/solar energy

KM - We are not in that business. If someone can make that electricity available cheaper than Eskom, we will buy from them.

Q49: Angus Pyke –What is running load of plant?

KM - About 28 to 32MW of electricity for the full size. It is a lot compared to small industry. But as an example mills operated that type of load.

**Environmental Impact Assessment (EIA) for Proposed Sea Water Reverse Osmosis Plant and
Associated Infrastructure at Lovu - Draft EIA Report**

PUBLIC MEETING

**10 December 2015
CSIR, Durban
Meeting Notes**

List of attendees

Annick Walsdorff (CSIR) - AW
Rohaida Abed (CSIR) - RA
Kevin Meier (Umgeni) - KM



Meeting: Lovu Focus Group Meeting – Mother of Peace **Project:** East Coast Desalination

Date: 10 December 2015

Venue: CSIR, Durban

Time: 9h00 – 11h00

KINDLY PRINT YOUR NAME IN FULL AND WRITE CLEARLY

NAME AND SURNAME	ORGANISATION	FULL POSTAL ADDRESS	PHONE	FAX	EMAIL	SIGNATURE
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BONGANI KHUMALO	OPERATION JUNISTART	"	031-201-3770	"	bonganiir@vodamail.co.za	
ROHAIDA ABED	CSIR	P.O. BOX 17001 DURBAN 4013	031 242 2300	031 261 2509	RAbed@csir.co.za	
KEVIN MEIER	UW	310 BURLER ST PMB 3201	031 245 4586	031 241 2118	Kevin.Meier@umgeni.co.za	

PART I: Welcome and Introductions

Welcome and attendee introductions

PART II: Presentations

Project introduction and Welcome & Introductions by Annick Walsdorff (CSIR)

Presentation titled "EIA for the proposed sea water RO plant and associated infrastructure at Lovu – Public Meeting" by Annick Walsdorff (CSIR)

PART III: Questions and issues

Q - Gavin: Impact of smell/odours?

KM: No. Everything is closed. No chimneys.

Q – Gavin: Lights at night? Would not be an issue?

KM: The significance of the impact of night lighting of a desalination plant on the nightscape of the surrounding region is Medium Negative before mitigation for both sites since new lights will be introduced into a dark area of the Lovu River floodplain. As mitigation a lighting plan must be prepared and submitted with the design plans of the plant and it should demonstrate that project lighting is sufficiently shielded to prevent light spill onto the orphanage property and that glaring lights will not affect residents of the surrounding farms, Illovo Village or Winklespruit.

Q – Bongani: Interest is on the site. When are we likely to know which site will be used?

KM: The EIA has looked at both alternatives from an environmental point of view. Drought is expected for the future. Going to need to make a decision in February/March 2016: Umkomaas or desalination plant? Umgeni will make an Economic presentation to Exco, presenting Capital cost vs operational cost. Feb/March – if we go ahead with the project, we will need to source funding, work on procedures, tendering, min 9 months to 1 year. Construction starts, need water by 2019. 20 years – want to construct long term option. Umgeni would purchase the land. Sports field. No negative impact on MOP. Illovo – medium income housing.

Q – Gavin: Industrial zone. MOP in middle of the industrial zone.

KM: UW would like to undertake this 4.2 bln rand project– small cost ito MOP. Look at any other people.

Q – Bongani: If there any decisions being taken – would need to engage with the board. Look at the future; other processes in parallel. It is relocates, where will it relocate to?

KM: Noted. Relocation of MOP – all depends on what Illovo would want to do.



Meeting: Water Use Licence Meeting Project: East Coast Desalination
 Date: 17 November 2015 Venue: CSIR Offices, Durban Time: 11h00 – 13h00

KINDLY PRINT YOUR NAME IN FULL AND WRITE CLEARLY

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