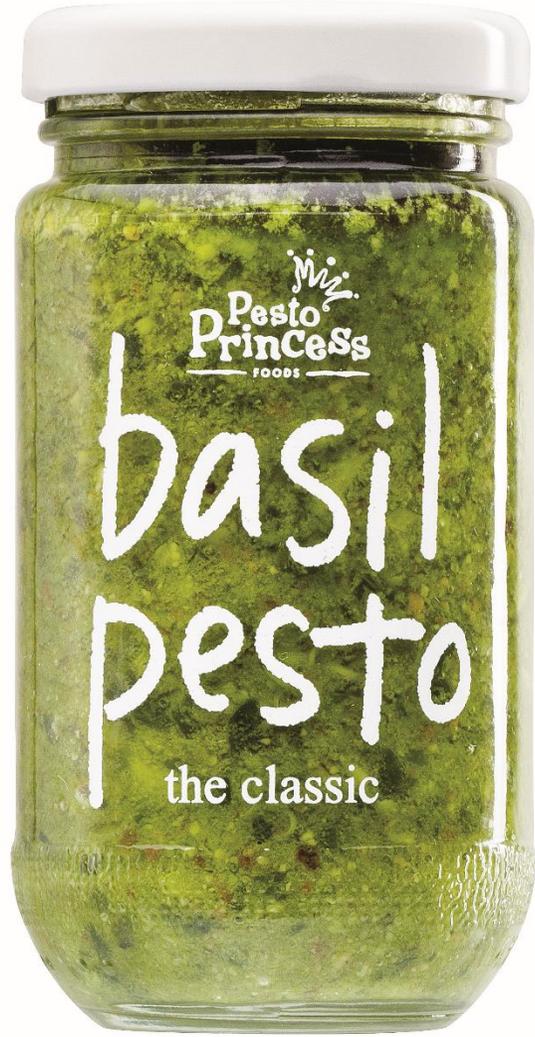


No Water, No Pesto

Apologies to Bob Marley





Miz.
Pesto
Princess
FOODS

basil
pesto
the classic



Pesto Princess
basil pesto
the classic

Pesto Princess
sundried tomato pesto

Pesto Princess
coriander & chilli pesto

Pesto Princess
basil & lemon pesto

Pesto Princess
red pesto
with roasted red peppers

Pesto Princess
thai pesto
with coriander & cashews

Pesto Princess
rocket pesto
with walnuts

Pesto Princess
greek pesto
with feta & olives



thai pesto

chermoula paste

basil pesto

basil & lemon pesto

greek pesto

coriander & chilli pesto

sundried tomato pesto

rocket pesto

red pepper pesto

coriander & chilli pesto

harissa paste

chimichurri sauce





Miz
Pesto Princess
FOODS

Hummus

the classic

free from
preservatives

Waterhero #1
Helen Seyler

Kind Hydrogeologist



Groundwater 101 from Helen

“A little bit like renovating a home, you can do this all yourself
(directly sub-contacting the driller, pump test contractor, and water
quality person)

or you can appoint a hydrogeologist (like a project manager) to do it all
for you.

The latter is potentially more expensive, but certainly easier for you,
and more likely to avoid certain pitfalls”.

Will Day Zero really happen?

“My only remaining advice would be start today – there is a long lead time on tanks and equipment, given the massive demand at the moment.

To be ready with alternative water supply by end March (which I believe is necessary)
you need to act swiftly”.

~ Helen Seyler, January 2018



GEOHYDROLOGICAL
AND SPATIAL SOLUTIONS
INTERNATIONAL (PTY)LTD

GEOSS

The GEOSS team were the rock stars among groundwater specialists, and friendly too :)

ABOUT US

GEOSS VISION:

GEOSS aims to be the most knowledgeable, capable, professional, ethical and friendliest consulting and partnering company in the African groundwater industry. GEOSS aims to improve utilisation, protection and management of groundwater resources to the benefit of society and the environment. To this end, GEOSS implements global best practices and partners with leading agencies to build a better future for us all.

GEOSS MISSION:

To implement global best practices in all aspects of geohydrology, GIS and remote sensing to the benefit of society and the environment whilst ensuring sustainable use of groundwater resources.

GEOSS Values and Business Ethics

As a business organisation we are committed to being UNASHAMEDLY ETHICAL accordingly, we commit:

1. To be honest and ethical in all our dealings.
2. To provide efficient, economic and effective products and services in an impartial manner.
3. To provide all stakeholders with timely, accessible and accurate information.
4. To refuse to elicit, accept or pay any bribes, and to report those who do.
5. To negotiate all contracts with the utmost integrity.
6. To pay taxes, and to pay all creditors on time.
7. To pay reasonable salaries and wages.
8. To submit ourselves to just and ethical governing authorities.
9. To remember the poor by investing generously and sacrificially in the broader community.
10. To collaborate with our peers to impact our community and nation.

Waterhero #2 Mark Madlener

Super-helpful guy from Conns Filters



Date	B1	B2	Total Klitres
Jan 2017	98.27	17.24	115.51
Feb 2017	90.89	20.38	111.27
Mar 2017	89.51	21.67	111.18
Apr 2017	110.98	25.30	136.28
May 2017	74.43	17.75	92.18
June 2017	75.27	19.82	95.09
July 2017	79.46	18.05	97.51
Aug 2017	66.54	16.90	83.44
Sep 2017	91.30	21.97	113.27
Oct 2017	66.32	14.70	81.02
Nov 2017	94.86	22.14	117.00
Dec 2017	71.77	19.68	91.45

So how much water do you need?

5.5

kilolitres per day

Independent water supply?

Saving of approximately 100 000 litres of
municipal water per month.

Waterhero #3

Wade Bills

Insanely busy person who made time for PPF





Water Components South Africa

Africa's largest supplier of quality water treatment components at wholesale prices

Waterheros #4

Peter, Nina & Gary

New kids on the block and absolute angels.



**WELLPOINT
WATER**

Installed by

Coastal WellPoints

076 535 2866

www.coastalwellpoints.co.za

Wellpoint before lunchtime

Thursday 1 February

Yield: 29 litres per minute of pretty clean water :)

Cost: approximately R6000 including the pump

Then the magic happened...

The guy with the giant coffee cup (Wade Bills of WCSA) agreed to mentor the team from Coastal Wellpoints (Peter, Nina & Gary) through their first EVER water treatment project, using components purchased from WCSA.

Pesto Princess became the guinea pig for Coastal Wellpoints and WCSA gained a new customer.

That's great.

How much did it cost?

Reverse Osmosis Unit R87 000

Description	Price
A. Reverse Osmosis Unit	
<p>Includes:</p> <ul style="list-style-type: none">• Feed Booster Pump Grunfoss• Slimline wellpoint tank 800 litre with float switch• Pressure vessel with glass filter media and manual backwash head• BLPRO-3000 Reverse Osmosis Unit ~400 litre/hour• 2 Flow rotameter for flow control• Inline pH adjustment filter post RO• 2 x Flow meter (mechanical) for wellpoint usage and effluent (brine) to drain• All required piping, valves, fittings, etc.• Disconnection of potable water (pressure) bypass. There will be no possibility of RO feed entering municipal supply as the two supplies are not connected and both will only feed into the water tank (no pressure connection)• Installation and labour (approx. 2 days)• Steel lockable enclosure galvanised incl. installation	
	R 87 000.00

Brine Saving R17 100.00

B. Brine Saving	
Includes: <ul style="list-style-type: none">• Slimline effluent tank adjacent to drain• Feed booster pump Grunfoss with pressure manager• Chlorinator• Flow meter (mechanical) to measure toilet, etc. usage• Relocation of effluent meter• Piping point for plumbing connection• Water tap at end of building (e.g. car/paving washing)• All required piping, valves, fittings, etc.• Installation (approx. 1 day)	
Sub-Total	R 17 100.00
TOTAL A+B	R 104 100.00
70% Deposit Paid (Invoice Pesto001 from 12/02/2018)	R 72 870.00
30% Balance (this invoice)	R 31 230.00

Grand Total

R111 000

70% deposit

30% on completion

1 year guarantee

Payback?

22 months, calculated on a spend of R5000 per month for water.

Total investment including wellpoint = R111 000.

Recycling of brine discharge?

15 000 litres per month for toilet flushing.

Modest estimate.

We're chuffed with the job!

Come and have a look.

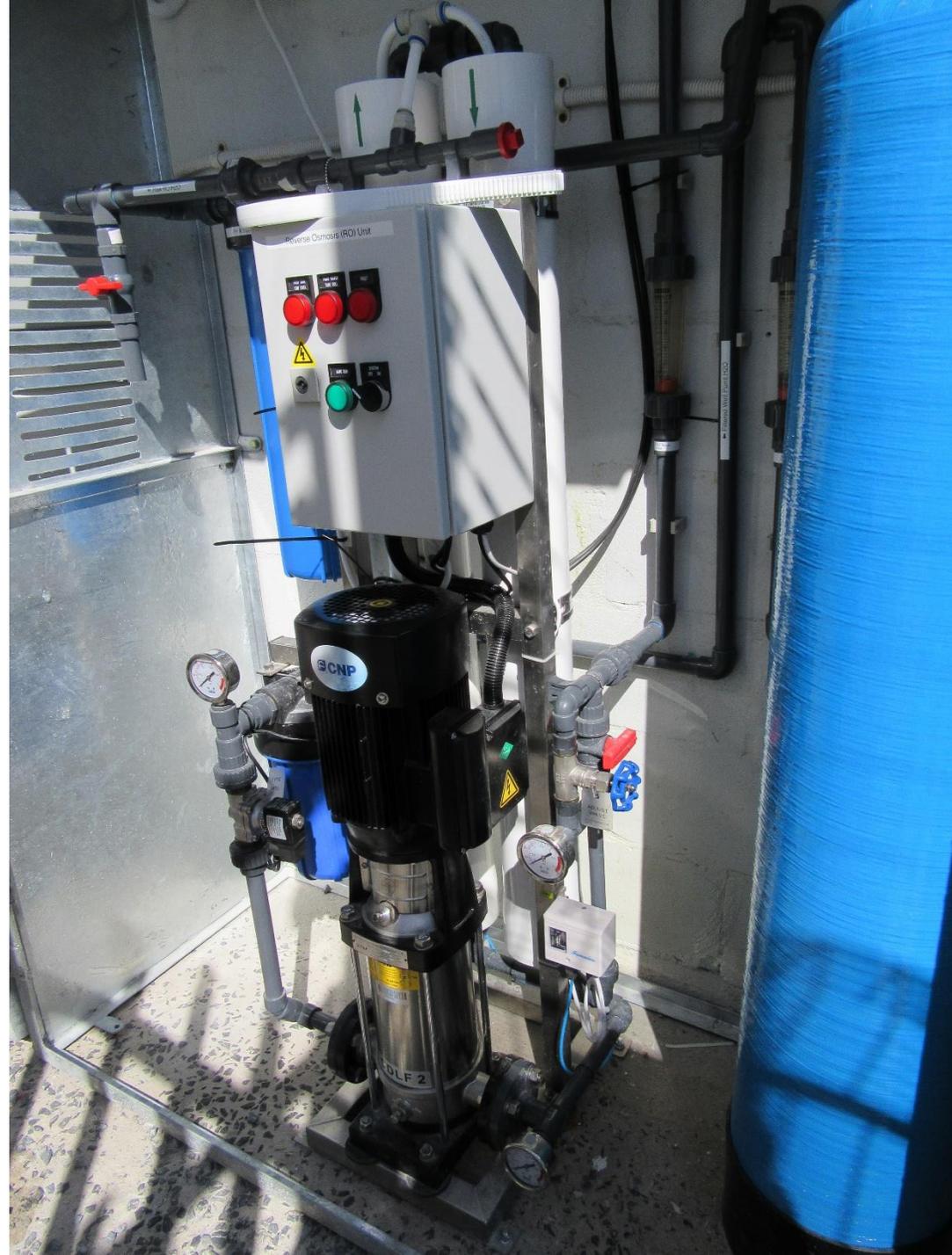
















RO Waste H2O →

Backwash Waste H2O →

RO Potable H2O →

← Well Point H2O



Can't switch on until we're
100% compliant with all
legislation!

This is where Taahirah, Bridget & Adila of Greencape have been
super helpful in walking us through the process.

Grateful thanks to Greencape,
where we started the journey

As well as our #waterheroes, particularly Coastal Wellpoints and their
supplier and mentor, Wade Bills of Water Components South Africa.

Mix.
Pesto
Princess[®]

FOODS