

- Sunbury-Harvey Regional Council (BHRC) is a statutory local government authority established in 1990 by the City of Bunbury and the Shire of Harvey.
- The primary purpose of BHRC is waste recovery and disposal. BHRC is not responsible for waste collection services. This responsibility lies with the individual local governments.
- The BHRC has two main areas of operations
  - Stanley Road Waste Management Facility transfer station and class II landfill
  - Wellington Regional Organics Processing Facility open windrow composting facility with a Mobile Aeration Floor System (MAFS)



BHRC owns and manages the Stanley Road Waste Management Facility, located at Lot 45, Stanley Road, Wellesley. This site encompasses a waste transfer station and a Class II landfill site.

Approval has just been received from DWER to relocate the Regional Organics Processing Facility to Stanley Road from it's current location 20 kms away in the Shire of Dardanup.



# **Wellington Waste Group**

Wellington Waste Group consists of 7 local governments

- City of Bunbury
- Shire of Capel
- Shire of Collie
- Shire of Donnybrook-Balingup
- Shire of Harvey
- Shire of Dardanup
- Bunbury Harvey Regional Council



# • FOGO Implementation in the south west since 2011

Local government	Year implemented	Number of households
City of Bunbury	2013	15,000
Shire of Donnybrook-Balingup	2014	2,760
Shire of Capel	2013	6,650
Shire of Collie	2017	4,000
Shire of Harvey	2019	11,000
City of Busselton – 6 month trial	2019	700
Shire of Augusta Margaret River	2019	6,300
Total		46,410

# **Tonnages and contamination**

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Local government	Tonnages per annum	% of contamination as at September 2019
City of Bunbury	6,496	1.96 %
Shire of Donnybrook-Balingup	5,008	1.89 %
Shire of Capel	2,028	4.30 %
Shire of Collie	1,260	1.03 %
Shire of Harvey	5,008	2.20 %
Shire of Augusta Margaret River	2,448	3.02 %
Total	17,994	2.40 % average

# What is accepted in the system?

FOGO

Meat, bones, fruit and veg scraps

Small branches, flowers, lawn clippings

Pizza boxes, dog poo, cardboard, shredded paper, compostable bags



# The composting process





### Nitrogen rich organic waste is unloaded



### Green waste is added for carbon







Aerators speed up the composting process

Supplied compostable bags break down quickly





Temperature is monitored throughout the process



Turning ensures even pasteurisation





The first screening process removes all particles above 50mm

# Further pasteurisation occurs in windrows



The second screening process removes all particles above 10mm

# **Decontamination by 'picking'**







# **Decontamination by 'picking'**



After 'picking,' contamination is weighed and the percentage calculated.

Local governments are advised in writing of their contamination levels before they reach the 5% threshold and are charged the increased rate for processing.



# Waste Education – Waste Sorted Waste Education – Waste Sorted watch your your waste Not Wasted



A Waste Authority Program

# Waste Education – centralised website

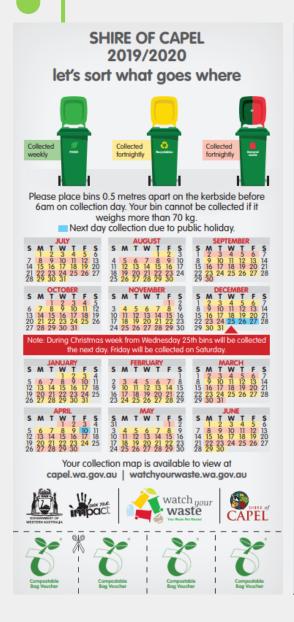


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# Waste Education - calendars





Aluminium and steel cans Glass bottles and jars Plastic bottles and containers Cardboard (flattened) Paper (no shredded paper)

Please do nat place plastic bags or wrap, nappies, clothes, aerosols, gas bottles, ropes or hoses in this bin.



× gas bottles or aerosols in this bin. To find out your local drop off point to recycle these items, lease see your tip pass

Please remove magnet prior to recycling this calendar in your recycling or your FOGO bin

### **Electronic and Household** Hazardous Waste (HHW)

Electronic and hazardous waste can cause harm to the environment and public health. Electronic Waste must be taken to the Capel Waste Transfer Station located at 79 Range Road, Capel or Stanley Road Waste Management Facility located at 45 Stanley Road, Wellesley.

The Capel Waste Transfer Station is open on public holidays apart from Christmas Day and Good Friday.



Household hazardous waste such as gas bottles and paint should be taken to the Stanley Road Waste Management Facility.

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Ag and Vet chemical drums can be taken to Capel Waste Transfer Station.

drumMUSTER

**Capel Waste** 

Saturday:

Sunday:

Monday:

Tuesday:

Friday:

### Stanley Road Waste Transfer Station Management Facility Saturday: 8.00am-5.00pm 9.30am-5.00pm 9.30am-5.00pm Sunday: 8.00am-5.00pm 9.30am-5.00pm Monday: 8.00am-5.00pm 9.30am-5.00pm Tuesday: 8.00am-5.00pm Wednesday: CLOSED Wednesday: 8.00am-5.00pm Thursday: 8.00am-5.00pm

Thursday: CLOSED 9.30am-5.00pm Friday:

### NEW SERVICES AND REPAIRS: Shire of Capel 9727 0222

CONTACT US Shire of Capel 31 Forrest Road. Capel WA 6271 PO Box 369. Capel WA 6271

13 13 39

Open 8.30am to 4.30pm Monday to Friday (except public holidays) Phone: (08) 9727 0222

watch gour waste

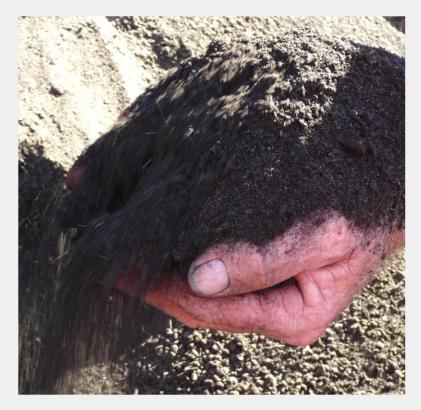
8.00am-5.00pm

Email: info@capel.wa.gov.au Web: www.capel.wa.aov.au Web: www.watchyourwaste.wa.gov.au

# Waste Education – bin tagging



# • • • Final Compost Product

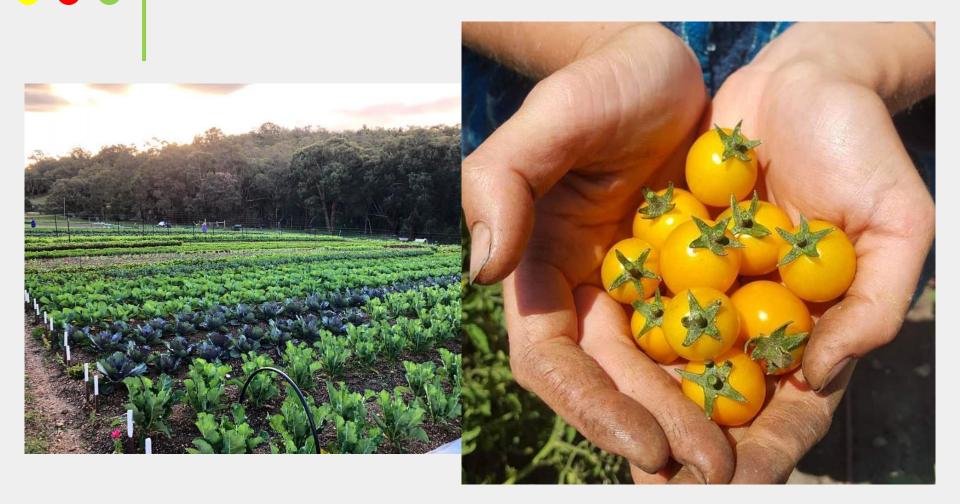




# Organic Certification AS 4454-2012

**Product is screened to 10mm** 

# Local Compost Markets



# **Organic vegetable growers and market gardeners**

# Local Compost Markets



# Avocado Farmers and Orchids

# Viticulture



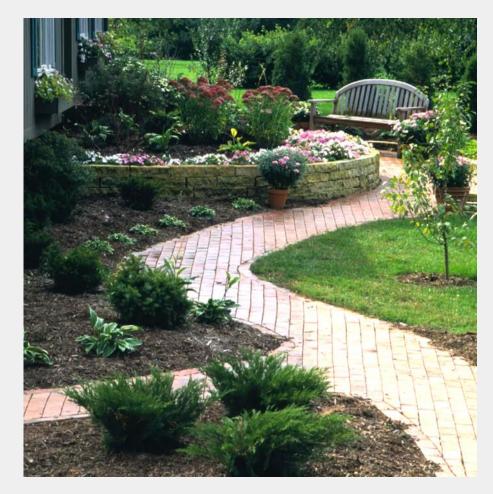
# **Local Compost Markets**

Household landscaping and gardening through agencies and direct sales

### Rehabilitation of

- Road verges
- Mine sites
- Landfills







# 360organics.com.au

Launching soon!

# ••• **360 Organics**

360 Organics is the brand developed in house at Bunbury Harvey Regional Council to market our organically certified compost on a separate, professional platform away from local government operations



# **360 Organics website**







# Shop products online





Closing the loop with certified organic compost







# **Contact details**

Chief Executive Officer Tony Battersby 9797 2404 0407 990 659 tbattersby@bhrc.wa.gov.au

Organics Facility Supervisor Jai Pearce 0400 808 488 jpearce@bhrc.wa.gov.au



360organics.com.au