

# WASTE COLLECTION & PROCESSING



Shire of Dardanup

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suez



# **Change is coming**

**1 July 2021**



# ABOUT SUEZ

- **Global expert in waste and water**
- **30 years operating in the south-west**
- **Collect 1m+ bins in Perth every month**
- **WA's largest waste infrastructure network**
- **Leader in residential collections**

# **CURRENT CONTRACT**

## **(since 2013)**

**Recyclables processing**

# **NEW CONTRACT**

**Waste, recycling collections**

**FOGO roll-out**

**Recyclables processing**

**Contamination management and education**



# What is changing in the next 6 months?

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## **A SERVICE**

**all about the**  
Shire of Dardanup

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## **INTRODUCTION**

**of a 3-bin**  
**FOGO system**

**CHANGE TO**  
**BIN DAY**  
**for some in Eaton**

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**Modern high-tech vehicles**

**Education and**  
**contamination management**

Efficiency

Service Quality

Improve sustainability

# 1.

## A strategic border remodel



# A strategic border remodel

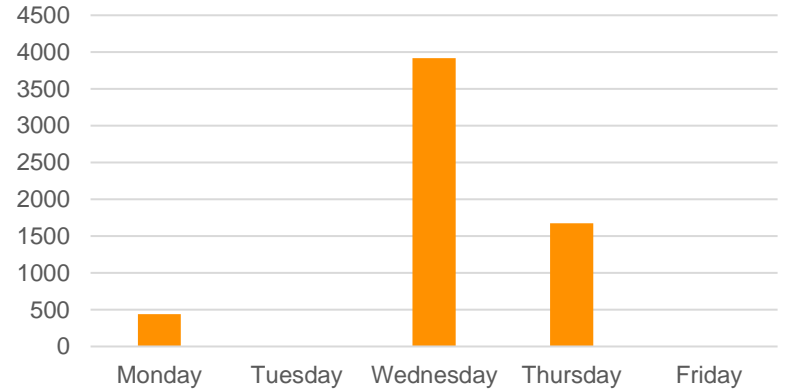
## WHAT IT MEANS

- Better distribution of services across every weekday
- Change to bin day for some residents in Eaton

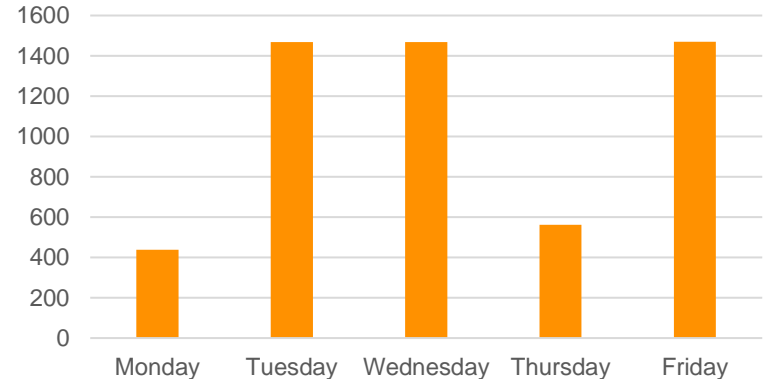
## WHY?

- Caters for the growth in Eaton/Millbridge
- Shire is not reliant on sharing vehicles with neighbouring Councils
- Collection vehicles operating every weekday
- Getting ready for the move to FOGO

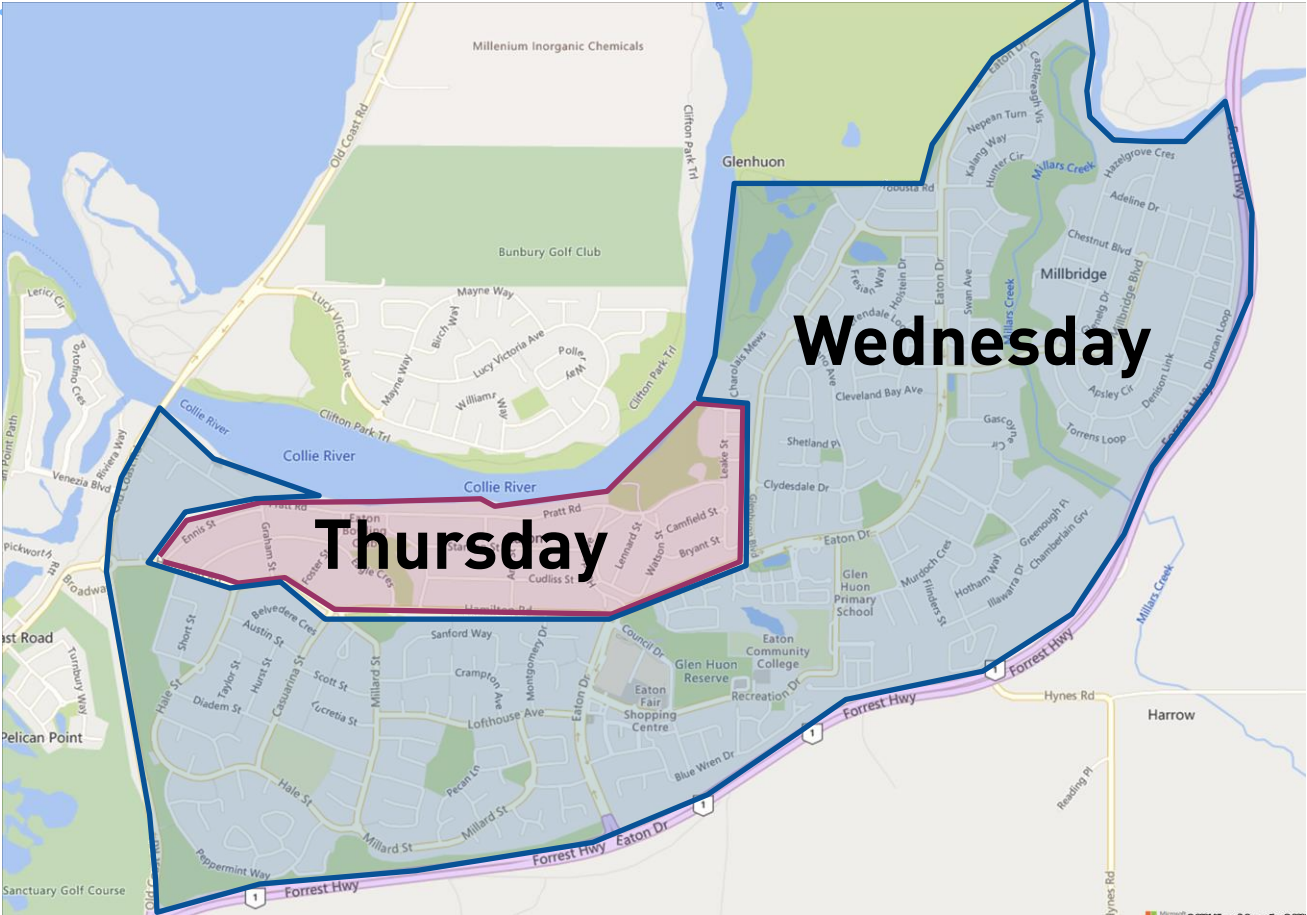
Current service numbers per day



New service numbers per day

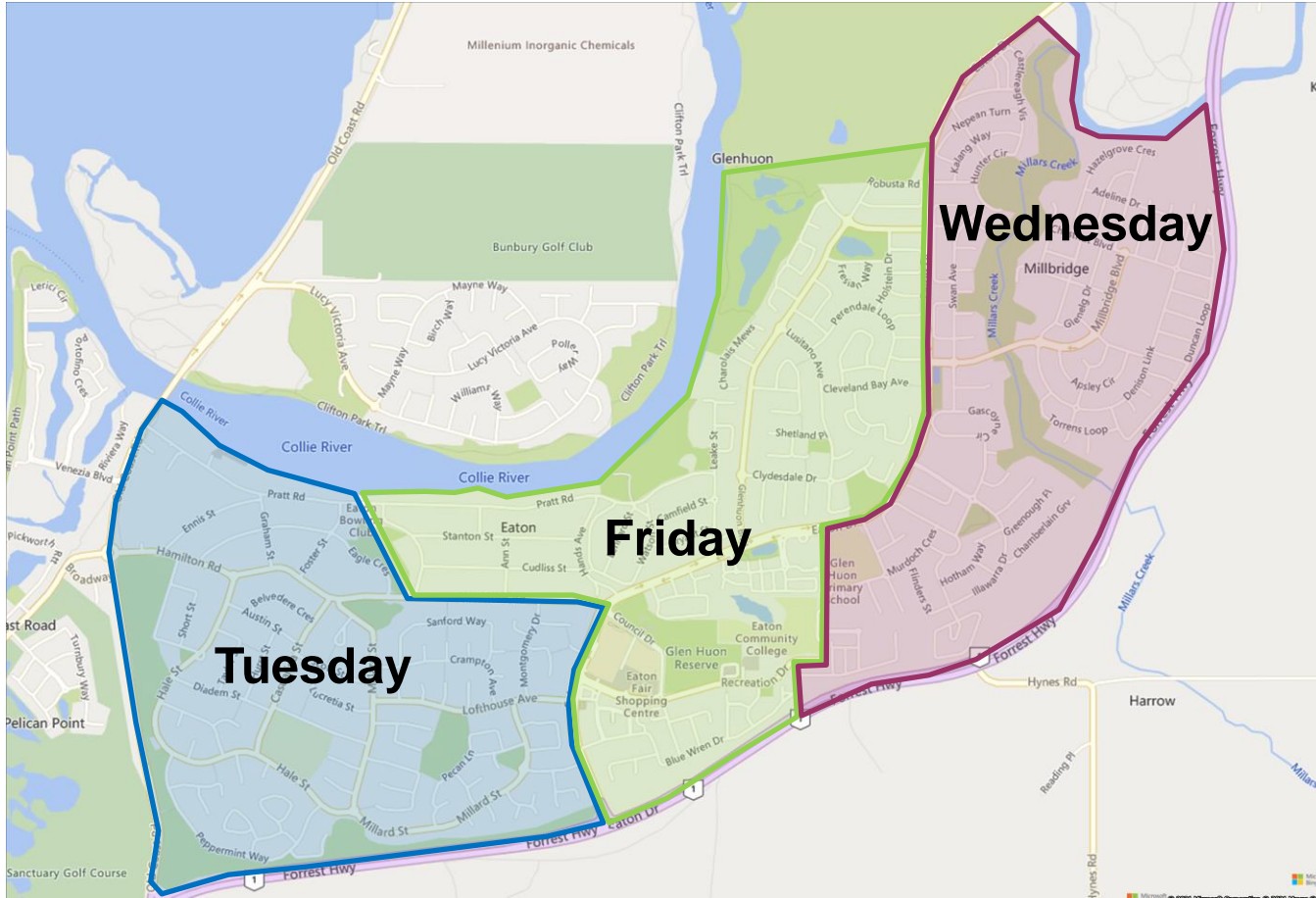


# Current service days (Eaton & Millbridge)

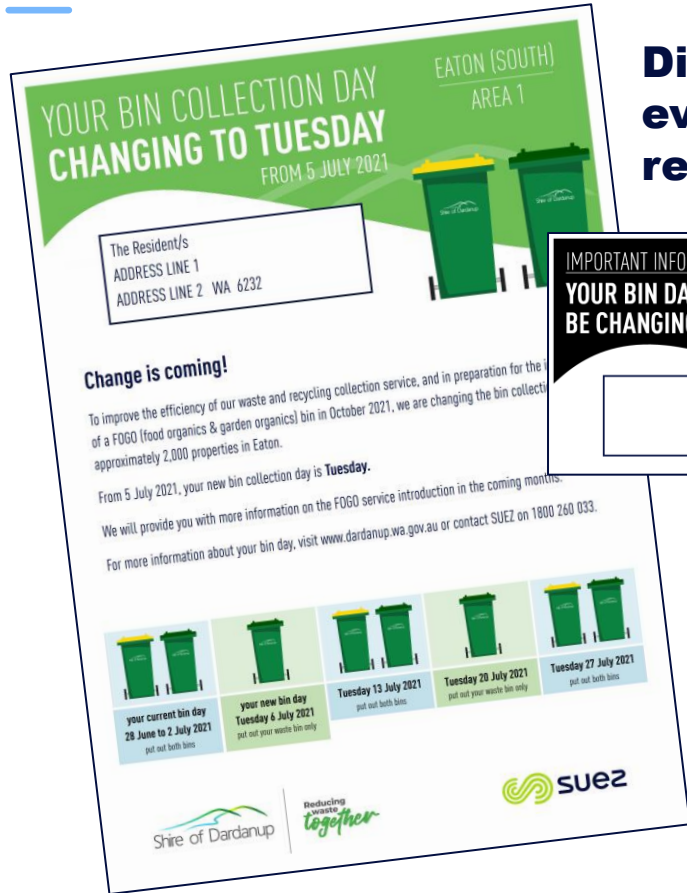




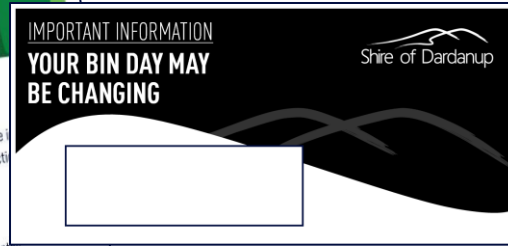
# New service days



# Communicating the change to residents



**Direct mail to every affected resident**

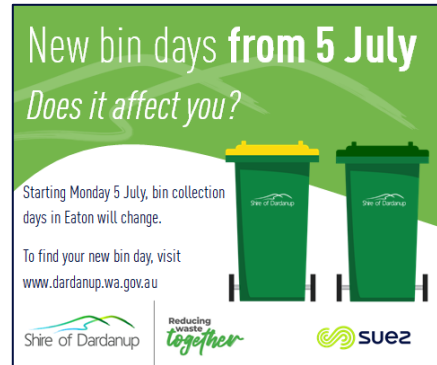


**A1 maps displayed around key Shire facilities**

**Social media**

**Website**

**Signage**



# 2.

## Introduction of a 3-bin FOGO system



# FOGO roll-out

## 20 SEPT TO 1 OCT 2021

1. Delivery of 140L general waste bin (red lid)
2. Bin lid exchange:  
dark green waste to lime FOGO
3. Deliver kitchen caddy (includes 2 bags of compostable liners and educational material)

## 4 OCT 2021

- Weekly FOGO
- Fortnightly recycling
- Fortnightly waste  
(on alternate week to recycling)



# 3.

## Modern and smart vehicles





# 3 brand new vehicles are on their way



Property and service data on-board

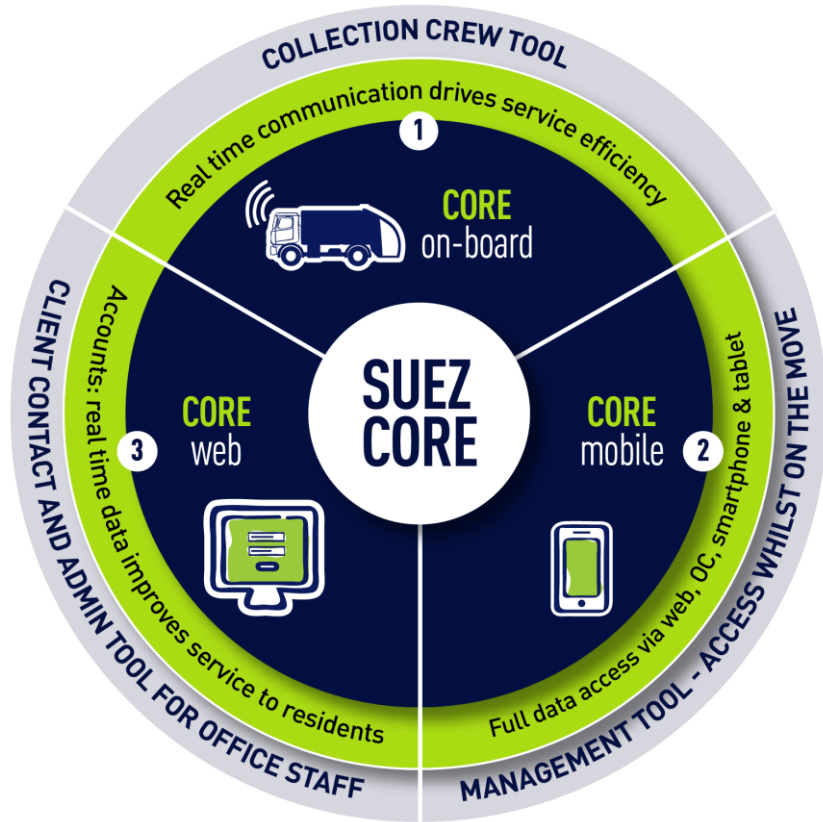
Property specific information



8 on board cameras accessible in real time

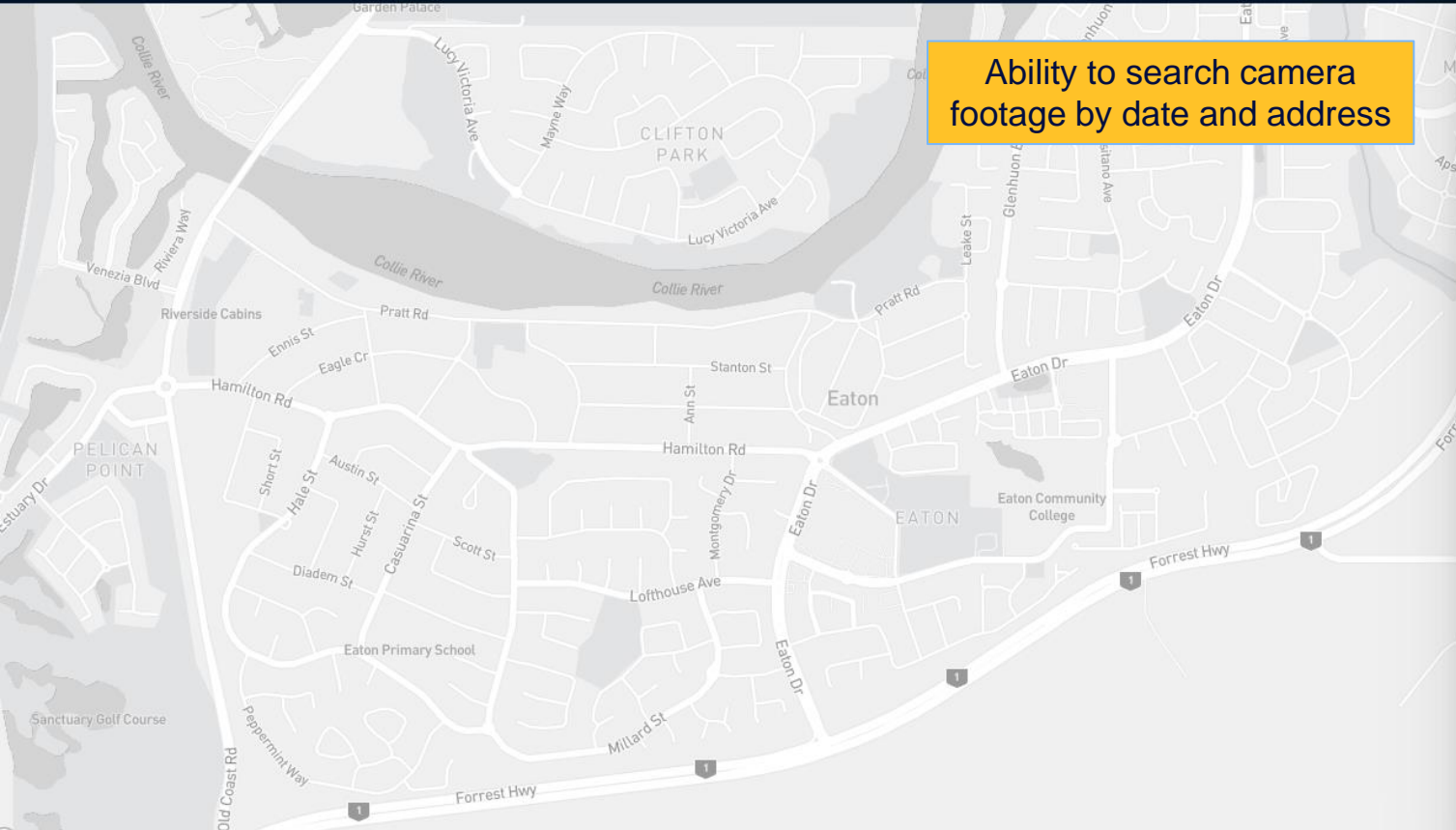


# Service management framework



- Manages property and service data
- Monitor daily route progress
- Assign or reallocate tasks in real-time
- Deliver operational reporting





Ability to search camera footage by date and address

History Routes Search

Select Date

17/05/2021

By Location  By Rego

Search by Address

Enter an Address

200m

Search



All the video point locations surrounding the address

History Routes Search

Select Date

2020-07-08

By Location  By Rego

Search by Address

72 Crosby Road, Albion Queensland 40

200m

Search

Search Results

BSW763	05:52:45 - 07:13:24
BMRR453	10:36:29 - 10:52:09
BSR837	10:29:20 - 10:34:00
BSG653	10:07:27 - 10:23:16
BMRW431	07:38:46 - 07:46:47
BRW796	06:40:12 - 07:31:22




8 cameras available




History Media July 8th 2020, 6:35:05 am X

History Images SD Card Online


Channel 1




Channel 2




Channel 3




Channel 4




Channel 5




Channel 6



Channel 7



Channel 8



<< Last data point
< Last second
Next second >
Next data point >>

Request Video Clips Download Queue

Channel 1 Start **06:34:55** End **06:35:15** Duration **20s** Crop

History Routes Search

Select Date

2020-07-08

By Location  By Rego

Search by Address

72 Crosby Road, Albion Queensland 40

200m

Search

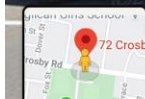
Search Results

<span style="color: red;">●</span> BSW763	05:52:45 - 07:13:24
<span style="color: orange;">●</span> BMRR453	10:36:29 - 10:52:09
<span style="color: orange;">●</span> BSR837	10:29:20 - 10:34:00
<span style="color: green;">●</span> BSG653	10:07:27 - 10:23:16
<span style="color: red;">●</span> BMRW431	07:38:46 - 07:46:47
<span style="color: red;">●</span> BRW796	06:40:12 - 07:31:22

[08] 06/07/2020 06:35:05

Image shows the bin presented and collected

Google Maps shows the address is correct



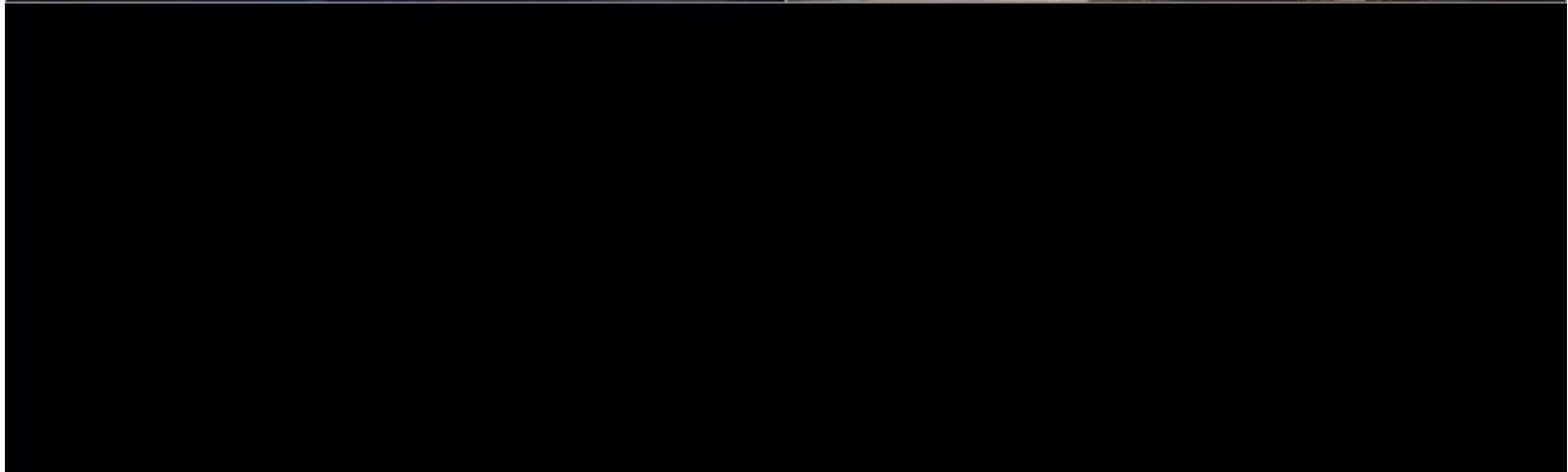
Service confirmation

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Identification of hazardous materials





# 4.

## Education & community engagement







# How we'll use our on-board technology

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1. **Auto generated letters to residents with contaminated bins**
2. **Provide the City with timely evidence and reports**
3. **Targeted education and positive reinforcement (down to specific streets)**

# We will support ongoing education and engagement

## Co-mingled recycling: what can I recycle in WA?

ALL ITEMS SHOULD BE CLEAN, DRY AND EMPTY WITH LIDS REMOVED AND PLACED IN THE BIN LOOSELY.

Plastics	Aluminium	Cardboard
<ul style="list-style-type: none"> <li>Ice cream containers</li> <li>Margarine tubs</li> <li>Milk bottles</li> <li>Plastic containers from kitchen</li> <li>Plastic containers from laundry</li> <li>Plastic containers from bathroom</li> <li>Plastic shower head containers</li> <li>Soft drink bottles</li> <li>Wine bottles</li> <li>Sauce bottles</li> <li>Spirit bottles</li> <li>Mine bottles</li> </ul>	<ul style="list-style-type: none"> <li>Beer and soft drink cans</li> <li>Aluminium foil</li> <li>Coffee / milk tins</li> <li>Computer paper (not threaded)</li> <li>Envelopes</li> <li>Sticky notes</li> <li>Newsprint</li> <li>Beer bottle tops</li> <li>Paper bags</li> </ul>	<ul style="list-style-type: none"> <li>Beer cartons (flattened)</li> <li>Cardboard boxes (flattened)</li> <li>Cardboard boxes (remove bag)</li> <li>Egg cartons</li> <li>Greasing cards</li> <li>Paper lined rolls (roll only)</li> <li>Toilet paper (roll only)</li> <li>Washing powder boxes (empty)</li> </ul>
Glass	Steel	
<ul style="list-style-type: none"> <li>Beer bottles</li> <li>Coffee jars</li> <li>Sauce bottles</li> <li>Spirit bottles</li> <li>Mine bottles</li> </ul>	<ul style="list-style-type: none"> <li>All steel cans / tins including:                             <ul style="list-style-type: none"> <li>Food tins</li> <li>Pet food tins</li> <li>Beer bottle tops</li> <li>Air tins</li> </ul> </li> </ul>	

**ONLY ITEMS LISTED ARE ACCEPTED**

13 13 35  
SUEZ.COM.AU

## PLEASE RINSE Before recycling

#recycle4wa

## New RECYCLING RULES you should know...

**NO** meat trays  
lids  
aerosols  
bagged waste  
or soft plastics

All waste should be loose, clean and empty. Lids go in general waste.

## RECYCLING

## The 3-Bin System

RECYCLING	GARDEN ORGANICS	GENERAL WASTE
<ul style="list-style-type: none"> <li>Paper &amp; Cardboard</li> <li>Plastic</li> <li>Aluminium</li> <li>SSS</li> <li>High Plastics</li> <li>Glass</li> </ul>	<ul style="list-style-type: none"> <li>Waste, Sticks &amp; Logs</li> <li>Grass Clippings</li> <li>Prunings &amp; Flowers</li> <li>Leaves</li> </ul>	<ul style="list-style-type: none"> <li>Food Waste</li> <li>Happy Bingeable Items</li> <li>Ceramics &amp; Broken Tiles</li> <li>Animal Waste</li> </ul>
fortnightly	fortnightly	weekly
Recyclables	Garden Organics	General Waste

THE 3-BIN SYSTEM

## Let's keep recycling with just these five

Thank you for being a GREAT SORT. Your recycling continues to make a difference.

Site of Carecorp

## Good news!

You can now put food scraps, together with your garden waste, in the lime green lidded FOGO bin.

Good news! Food scraps go in DATE

Site of Carecorp

## We've got a better bin system sorted.

Site of Carecorp

# 5.

## Support for the Shire



# How we'll support you through the change

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1. **Provide a property database for every property with current and new service days**
2. **Hardcopy and electronic maps**
3. **Access to SUEZ CORE: Property & Service management system (real-time information on bin maintenance requests, missed bin requests, truck locations and trails)**
4. **Access to live on-board cameras**
5. **Draw on our extensive experience**



# THANK YOU

