



FREQUENTLY ASKED QUESTIONS – FORTNIGHTLY KERBSIDE WASTE COLLECTION – KANGAROO ISLAND

The Kangaroo Island Council resolved to change to fortnightly collection of domestic general waste, green organics and recyclables for implementation in September/October 2017.

The decision was supported by investigation and research undertaken by Fleurieu Regional Waste Authority (FRWA) between 2012 and 2016.

This research included public consultation, several region-wide bin audits and a pilot program between October 2013 and February 2014 in Hayborough.

Bin audits were conducted on Kangaroo Island in 2012, 2014 and 2016.

If members of the community would like to provide feedback they can write to either Council or to FRWA.

Answers to many of your questions and or concerns may be found in the Frequently Asked Questions (FAQs) below.

1) When will this change go into effect?

Fortnightly kerbside collection commenced Monday 2 October 2017.

2) How can Council justify reducing this service? What do we get for our rates and service charges?

The changes to the kerbside waste collection will result in an increase in service to residential properties within township boundaries.

Residents will be offered 120 litres more overall capacity with the provision of a 'green organics' bin to residential properties in townships and coastal settlements where:

- the number of resident ratepayers is equal to or exceeds 50%
- and to any rural living zoned property of 2000m² or less

Greenwaste collection (including food scraps) will be available within the townships boundaries in the following townships/coastal settlements:

- Kingscote
- Brownlow
- Bullock Track*
- Dover Farm*
- Emu Bay
- Penneshaw
- Parndarna
- American River
- Muston*
- Baudin Beach
- Vivonne Bay
- Nepean Bay

*In recognition of historic smaller allotment size green organic waste collection will be available to any rural living zoned property of 2000m² or less in Dover Farm, Bullock Track, Muston and those parts of township/coastal settlements listed above

By diverting green organic, including food scraps from the general waste stream to the green organics stream which is retained and processed into mulch on the Island, there will be a decrease in the amount of this organic waste being transported off island to landfill.

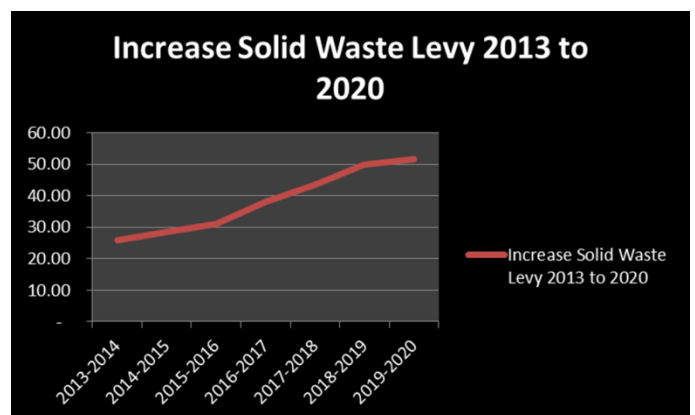
Further, if the volume of recycling (paper based, hard plastics, metal and glass) can be increased (through diversion from the general waste stream) and if contamination in this waste stream is decreased this recyclable material will yield a cost benefit to waste services on Kangaroo Island. Please see FAQ # 6.

The aim is to also maintain / reduce overall costs of the waste management operation by standardising the machinery used and countering the significant additional costs of waste collection over such a large Island.

General Council Rates cover some but not all Council services and are not a fee for service.

Waste service charges apply to Kangaroo Island properties and are used to cover the cost for the following:

- Waste Service Charge for waste collection, transport (off island), disposal to landfill and State Government Levy
- Operation of the Kangaroo Island Resource Recovery Centre
- Waste administration, EPA licence, post closure landfill management



Rural households that have to take their waste or recycling bins to a bin bank or farm gate for collection, pay a discounted service charge based on the distance to the collection point. If a property owner has to travel 5 km or farther to bring their bin out they **do not pay** the Waste Management Collection portion of the waste service charges.

3) *I'm on a rural property and we don't get an organics bin or collection so we're really getting the short end of the stick!*

Kangaroo Island is largely a rural landscape with many unsealed roads. It would not be economical or environmentally sound to have a dedicated green organics truck driving the long rural roads in sparsely populated areas to pick-up green organics bins. Rural properties generally have more space for composting, may also have chooks or livestock which may eat food scraps and have the alternative option of burning dry organics during the permitted season reducing the need for organics disposal.

Rural properties which will not receive a green organics collection still have the option of taking their garden waste to the KI Resource Recovery Centre, at no additional charge.

*Compost bins, worm farms, kitchen caddies and compostable bags for the collection and composting of food scraps will be 50% subsidised by the KI Council for all island residents, for a period of 12 months (limited to one subsidised item per rateable property, with exception of caddy bags where purchases of multiple rolls of compostable bags is allowed) from 1 July 2017.

4) *The collection schedule and cycle will change; how will I know when and which bins to put out?*

The new **collection schedule** is included in the 2017/18 waste calendar which was distributed via Australia Post Unaddressed mail to on Island street letterboxes, PO boxes and registered collection points in September 2017.

Calendars are also available from KI Council, local stores and collection searches by street name are live on the FRWA website www.frwa.com.au. My Local Service App will also be updated to reflect the new collection cycle. The **cycle of collection** will be as follows: One week residents will have their waste and green organics bins (applicable to townships) collected; the following week yellow recycling bins will be collected.

5) *Is Council doing this to save money?*

No, Council is doing this to reduce the amount of waste that goes to landfill and to increase the rate of recycling and green organics resource recovery on Kangaroo Island. The cost of changing the frequency of recycling to fortnightly, adding green organic collections and reducing waste collection to fortnightly is slightly less than making no change to the current system. There will be additional costs incurred from the initial implementation and education relevant to the program which will reduce and be eliminated over time.

Council is aiming to avoid the ever increasing cost of sending waste, some of which is recyclable and recoverable on island - unnecessarily to landfill. A pro-active response, to assist in mitigating future cost increases associated with waste management and disposal facing all of South Australia.

6) *I am getting less rubbish picked up; how will I manage?*

The sorting of your waste into the correct bin is the key to make the most of this new service which offers an additional 240L bin for organic waste for properties within townships.

Over a four week period the **current total capacity** of bins allows for:

- 4 x 140L (waste) and 4x140L (recycling) **totalling 1120L**

Over a four week period the **new collections for residents within townships will allow for:**

- 2x140L (waste); 2x240L (recycling) and 2x240L green organics **totalling 1240L**

Over a four week period the **new collections for residents in rural areas will allow for:**

- 2x140L (waste) and 2x240L (recycling) **totalling 760L**

Bin audits conducted in 2012 and 2014 revealed both bins were on average 60% full and in any given week only 56% of waste bins were put out for collection. This shows us that there is unused bin capacity in many cases. The same audits also showed that there was a lot of recyclable and compostable material in the general waste bin which if sorted correctly would provide more bin space for landfill waste. Recycling bin audits show high levels of contamination which if sorted correctly would also have more capacity.

Existing



Total Collected

1120L

Preferred



Total Collected

1240L

New Rural



Total Collected 760L

New Townships/Coastal Settlements (where number of resident ratepayers is equal to or exceeds 50%)

It is important to note that the new service* does not reduce service levels but delivers an additional 120L capacity over a 4 week cycle when compared to the existing service. The waste audit conducted in 2014 also clearly shows that there is ample space in the waste bin to easily accommodate waste that should go in this bin.

*In townships/coastal settlements where number of resident ratepayers is equal to or exceeds 50% and property size is less than 2000m²). In rural areas there is a reduction in bin volume.

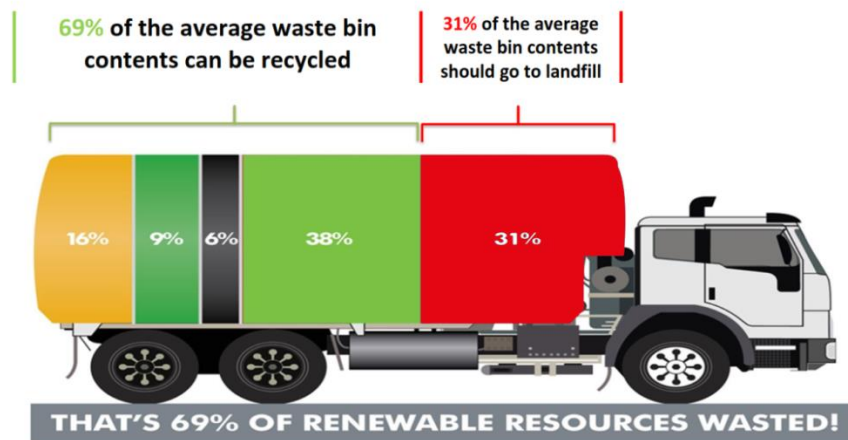
7) **Why change the current system- it works for me!**

In May/June 2012, FRWA undertook a regional kerbside bin audit of selected properties within the areas of Alexandrina Council, Kangaroo Island Council, City of Victor Harbor and District Council of Yankalilla. The

audit found that 55% of the general waste stream consisted of potentially recyclable materials (28% recyclables and 27% food/green waste). On the basis of this, FRWA recognised the potential to encourage diversion of waste from landfill by altering the bin collection schedule.

The 2014 FRWA bin audit delivered similar results to the 2012 audit, highlighting that valuable resources are still being sent to landfill across the region.

The **average general waste** bin contains (by weight) 16% recyclables, 9% green organics, 38% food and compostable paper, 6% other (electronic resources, clothing etc.) and **only 31% waste!**



Kangaroo Island Specific Bin Audits

Household bin fill levels on Kangaroo Island in 2014 showed

- Tuesday collections –
 - General Waste Bin – 63% full (37% of capacity un-used)
 - Recycle – 57% full (43% of capacity un-used)
- Wednesday Collections-
 - General Waste Bin - 65% full (35% of capacity un-used)
 - Recycle – 59% full (41% of capacity un-used)



Bin audits of general waste bin content of these bins on KI in 2014 showed that

- only 25 % of the contents of the average general waste bin (average only 63 - 65% full) was actually waste that should go to landfill;
- 70% of the average general waste bin content should have been recycled and the resource recovered(17% recycling and 54% green organics)

(the remaining 4% of the average general waste bin contents was determined to be that which should not have been in the kerbside bin collection).



Bin audits of recycling bin contents in 2014 showed

- an average 76% of recycling bin contents was recyclable material
- with 24% of recycling bin contents 'contamination' (materials which should not be in the recycling bin)

PLEASE NOTE: If the contamination rate in our recycling loads is under 10%, this recyclable material becomes a commodity and we will get paid for it. Contamination rates over 10% attract a penalty and once the contamination rate is over 25% all will be sent to landfill.

Bin audits of recycling bin contents in 2016 showed considerable improvement with

- 87% of recycling bin contents recyclable

But the 13% contamination rate was still too high for recycling facility to pay for resources recovered.

8) *We have a large family and our waste bin is always full each week!*

The new **Kerbside Waste Collection Policy** aims to meet the needs of large families by allowing them-upon application, one additional 140L general waste bin-collected fortnightly, free of charge. A large family is defined as a **permanent residential dwelling in which 5 or more persons** live permanently for at least 5 nights per week on average. The second bin will need to be re-applied for each financial year (to confirm eligibility as the needs of residents may change). The second bin will be collected fortnightly on the same day as the other waste bin. Residents will be issued a current year sticker to affix to the second bin to notify the drivers to collect.

9) *What will we do with our disposable nappies?*

Households with **1 or more permanent residents using disposable nappies** can apply for a second general waste bin free of charge. Residents will be issued a sticker to affix to the second bin to notify the drivers to collect. The second bin will need to be re-applied for each financial year (to confirm eligibility as the needs of residents may change). Both waste bins will be collected fortnightly on the same day.

There are nappy disposal systems which compress and store dirty nappies in a tube that store, odor free, approximately one week's worth of nappies. One such product is the **Tomme Tippee Sanagenic nappy bin disposal system**.

10) *We have special medical needs in our household that fill our waste bin every week. How will we cope?*

Households that produce waste from a medical condition and require the extra bin capacity may apply for one additional 140L general waste bin free of charge. The second bin will need to be re-applied for each financial year (to confirm eligibility as the needs of residents may change). The extra waste bin will be collected fortnightly on the same day as the other waste bin. Residents will be issued a current year sticker to affix to the second bin to notify the drivers to collect.

Households that produce waste from a medical condition can apply for an additional 240L recycling bin where it can be confirmed that a need exists to dispose of cardboard packaging (or other recyclable packaging) in which medical items are supplied. This provision is for permanent, private households, where

a permanent resident's medical condition produces medical waste (incontinence products, bandaging or similar).

11) Peak Easter and Summer School Holiday Collections.

The new *Kerbside Waste Collection Policy* will specify that general **waste** bins will be collected **weekly**, on the usual day, during the week before and week after Easter and the six week period of the peak summer school holidays

Outside the summer school holiday period all bins, including additional bins will be collected fortnightly.

12) Holiday Homes and Holiday Rental Accommodation

Given that there are a substantial number of holiday homes on the island that will be occupied by owners or holidaymakers, it is intended to collect the general waste bin weekly for the Easter and peak summer school holiday period - as above.

This will meet the needs of most holiday home owners; however, for holiday home owners who wish additional services there will be an option to purchase an additional waste collection service at \$5.50 per service/lift with the resident to supply their own complying bin (up to three bins per waste stream per property).

Note: FRWA's kerbside service is designed to meet the needs of **residential ratepayers**. Holiday rental properties are entitled to use the service as long as their waste production is similar in composition and volume to that of a residential property.

Large volumes of waste, recyclables or organics and/or waste not typically generated in a domestic environment can be taken to the KI Resource Recovery Centre (KIRRC) (additional fees might apply).

Outside the Easter and peak summer school holiday period- as identified in the waste collection calendar -**all bins, including additional bins will be collected fortnightly.**

13) My general waste bin will smell if only picked up fortnightly:

South Australian Public Health (General) Regulations 7:

"The owner or occupier of a premise must take reasonable steps to ensure that waste on the premises that poses or may pose a risk to public health is:

- a) *While on the premises, kept in a receptacle that is-*
 - i. *Capable of adequately holding the waste and containing any offensive odours and fluids from the waste; and*
 - ii. *Inaccessible to pests, vermin and other animals; and*
 - iii. *Impervious to water; and*
 - iv. *In a clean and sound condition"*

Smells would mainly come from food scraps, nappies and/or animal waste in your bin.

- Keep the bin lid closed to keep odors in; wrap or contain food scraps in newspaper or compostable bags.
- Fruit and vegetable food scraps can be composted at home or may go in your green organics bin to be composted off-site. Composting equipment, including kitchen caddy and compostable bags, compost bin and worm farms will be available at subsidised prices to residents who wish to compost their food scraps at home and reduce the food waste going to the bin.
- Alternatively, households can freeze 'smelly' food waste (e.g. fish and meat scraps) until bin is put out for collection/then put it in the green organics or general waste bin. Note that all types of food scraps are accepted in your kerbside green organics bin.
- Contain pet waste in a plastic or paper bag before placing in your general waste bin.
- Rinse meat, seafood or poultry packaging before placing in the bin to reduce odours. Hard plastic (not foam) meat trays can be disposed of in the recycle bin; foam trays are to be disposed of in the waste bin.
- Empty nappy contents into toilet. Contain disposable nappies in plastic bags or nappy disposal system which will help contain odours. Nappies go in the general waste bin only. Alternatively use cloth nappies; reduce landfill waste and odours.

If bins are kept reasonably clean, food scraps wrapped or bagged and bin lids closed, odors and/or flies should not be a problem.

14) Pests, vermin: If my general waste bin sits out for 2 weeks it's going to attract rats, mice, birds, flies and/or other insects. How will I manage that?

Keep the bin lid closed and wrap or contain all food waste. Rinse meat/seafood/poultry packaging before 'binning' it to reduce the smells which would attract vermin.

If necessary place a heavy object such as a rock or brick to keep it closed in windy conditions but remember to remove it before collection.

Alternatively there are commercial products available known as 'bin springs' in metal or plastic which will hold your bin lid shut in windy conditions.

If your bin lid is broken, cracked or missing you may obtain another one from the KI Resource Recovery Centre (KIRRC) at Kingscote.

15) We don't have both types of bins, only a general waste bin, what will we do?

Each rateable property is entitled to one each of waste and recycling bins at no charge. Green organics bins will be available to all households (within townships/coastal settlements – see FAQs # 2 for details).

Additional bins need to be purchased. 140L waste bins are \$57 each and 240L recycling bins are \$67.00 each.

With the implementation of fortnightly collections in September 2017 each rateable property will be given a 240L recycling bin in exchange for current 140L recycling bin and a 240L green organics bin**.

** Green organics bins/collections will be provided for properties within townships/coastal settlements – see FAQs # 2 for details).

Bins are available from the KI Resource Recovery Centre (KIRRC) outside of Kingscote.

16) We are a Child Care Centre / School:

Schools and child care centres are entitled to have

- 1 x 140L waste bin per 50 students;
- 1 x 240L recycling bin per 50 students;
- 1 x 240L green organics bin per 50 students (on application and only in areas with greenwaste collections); With the commencement of the new fortnightly kerbside collection

With the implementation of the fortnightly collection schools may be issued with 240L general waste bins to facilitate adapting to the new collection schedule. 240L recycling bins will replace the 140L bins currently in use for all users of the kerbside system.

FRWA's Education Officer is available to visit each school on KI, assess the waste/recycling systems currently in place and aim to resolve issues. Schools – depending on the number of students may require tailor made solutions to achieve sustainable waste management on campus.

17) I own a Restaurant (or Café), how can we cope with less waste pick-ups?

Each rateable developed property, including those occupied by small business, is entitled to one bin per waste stream:

- 1 x 140L general waste
- 1 x recycling - currently 140L to be exchanged for 1 x 240L with the implementation of new fortnightly kerbside collection system
- 1 x 240L green organics bin upon application to FRWA

Extra bins are available for purchase (up to 2 per waste stream) and a \$5.50 per lift collection fee applies

It is important that businesses recognise that FRWA's kerbside service is designed to meet the needs of residential ratepayers and small businesses that produce waste similar in content and volume to a household. If FRWA's collection service does not meet the needs of your business you may need to engage a commercial waste service provider of which there are two operating on KI.

18) Are we allowed to have additional bins for waste if we want them?

Additional bins are available for purchase. FRWA will collect up to three bins per waste stream and with a collection service fee of \$5.50 per lift for additional bin services. With the introduction of kerbside green organics collection (for townships) and increase in kerbside collection of 120L per 4 weekly collection cycle, additional general waste bins should be unnecessary in most cases.

FRWA's Education Officer will be available to visit your home or business to assist with recycling, sorting and waste education information.

19) If I have extra waste that I can't fit into my bin can I take it to the KIRRC Depot?

Yes, you may take bags of extra general waste to the KI Resource Recovery Centre which is **free of charge** for residents.

Please note:

- that fees are charged at the KIRRC for some waste types, such as tyres, mattresses and sofa
- some waste such as asbestos does not belong in any kerbside bin and must be disposed of appropriately at the KIRRC (fees apply)
- fees apply to commercial waste

Please check the 2017 KIRRC price list.

20) Will Council allow us the option of paying extra and having a 240 litre waste bin?

No. The standard general waste bin for private dwellings is and will continue to be the 140L size. The goal is to reduce waste to landfill and to increase resource recovery by diverting more recyclable waste into the recycling and green organics streams.

In special circumstances (Schools or situations with limited space) and at FRWA's discretion there may be cases where a 240L waste bin is allowable.

21) We have our bins in a bin bank and they are often filled by others who dump their waste in and around our bins. Can you put public litter bins at our bin bank and label them as such so that tourists don't use our bins?

Council / FRWA will look to identify the source of additional waste and manage this appropriately. This may include upgrading bin banks as well as putting in place an option for 'Tourist waste', potentially coinciding with black and grey water dumping points. Public Litter bins across the island will also be increased from 140L to 240L to alleviate this situation.

240L Container Deposit Legislation (CDL – 10c refund containers) bins will be introduced in selected locations. Local community groups will manage these bins and benefit from the 10c refund per container.

22) With this new program we are simply going to have to use public litter bins for our extra waste.

Public Litter Bins are installed in areas of high recreational use, tourist destinations and town centres for waste generated as part of recreational activities. The proper use assists to keep our towns and tourist destinations clean and tidy. **Public Litter Bins are not for private use by individuals.**

23) Bulky Waste Station (BWS) Closures:

Bulky waste stations at Parndana, Penneshaw, Vivonne Bay and American River closed effective 30 June 2017.

24) How and where can we recycle soft plastics on the island? If we could get this material out of our waste bins and into a recycling stream we would have a lot more bin space!

Presently there is not a soft plastics recycling scheme available on Kangaroo Island. On the mainland this is often offered at supermarkets such as Coles and Woolworths.

25) We need education to get this right! Where and how are you going to inform us to recycle right and to know how to deal with the waste materials we have?

FRWA will increase our educational activities across all sectors of the KI community including education aimed at tourists and visitors to the Island. This will include: increased pictorial bin labelling; a pictorial booklet designed for the KI waste management system; compost workshops, presentations to community and school groups; a community outreach and education stall done through markets and shows; online information through the Council and FRWA websites; community service announcements broadcast on KI's community radio; newspaper promotions and through postings to Council social media sites.

26) What will you do about illegal dumping- which will go through the roof if this idea goes through?

Dumping of household and hard waste on the roadside, in the bush or on private property is illegal and fines apply.

Responsible residents who are accustomed to putting their waste in a bin are highly unlikely to start dumping it in their Island environment.

Most illegal dumping is of items that don't fit in a waste bin or aren't disposed of through kerbside collection, such as TV's, computers, mattresses, tyres, etc.

Council and therefore all ratepayers incur the cost of removal of illegally dumped items.

No additional costs associated with Council clean-up of illegally dumped waste has been incurred (to date) in Alexandrina Council which introduced fortnightly collection of all three waste streams on 1 July 2016. This indicates that there has been no increase in illegal dumping since the introduction of fortnightly collections in the past year.

27) What about the health obligation of getting rid of our general waste weekly? If it sits around for two weeks we will have a sanitation crisis increasing vermin, flies and disease!

There is no health requirement for weekly collection of waste.

Keep your bin lid shut. Wrap or contain food scraps. Rinse soiled packaging before placing it in the appropriate bin. Wrap any other sanitation items in newspaper or plastic bags to reduce smells and contain odours.

Rather than increasing, most odours actually decrease after a week due to drying out.

28) *Our bins will be too heavy to lift and bring out to the collection point if we don't have them emptied weekly and if we get a 240L recycling bin! How will we manage that?*

The empty weight of the **140L bin is 10.2 kgs** and weight of the **240L bin is 12.2kgs**.

The recycling bin audits conducted in 2014 show that the average yield of weekly recycling collections on Kangaroo Island was 3.84kgs per household. Mainland recycle bins normally yield an average of 3 kgs per household.

Based on this information it is expected that the average weight of the 240L recycling bin will be between – 14kgs and 16kgs at collection.

Ratepayers may (upon application) retain current 140L recycling bins, which will be collected fortnightly.

Bins can be towed (at low speed) to collection point on a tow-ball.

29) *Do we have to take the larger bin if we don't want it? It might be too heavy for elderly.*

In specific situations where residents cannot practically bring the bins to the collection point due to the increased weight or size, ratepayers may (upon application) retain current 140L recycling bins, which will be collected fortnightly (initial applications to retain 140L recycling bin closed on 2 June 2017).

The larger bin is will provide residents with more bin capacity to allow for less compaction of recycling and facilitate fortnightly collections.

30) *Where and how will the green organics be processed? How can we put meat, fat and all types of food scraps in the green bin and know that it is safe and properly processed?*

Garden waste and food scraps would be processed at the KIRRC near Kingscote, where the existing green waste mulching process takes place.

The food scrap component of the green organics at this site would be diluted effectively by the volume of garden waste. The system KI Council and FRWA are already using is a pasteurization process which involves: spreading the organic material; picking out of contaminants; grinding material to a mulch size; watering material to allow cooking process; turning as required to aerate and mix; taking daily/weekly temperatures to ensure the necessary heat is achieved to process and decompose the material to a safe standard. Vermin controls are in place and would be expanded to address any increasing activity as well as the change in composition of the greenwaste pile.

The same system of mulching has been used successfully in Alexandrina Council for the past year with no increase in vermin activity, nor any issues with un-processed meat/fat/food scraps. On KI cat management will be the emphasis of the expanded vermin control program.

31) *If we don't get a green waste bin and collection will we get a reduction in rates or service charges?*

No reduction of rates or service charges. Please see FAQ # 2.

32) Why can't the truck collect red and green bins from both townships and rural properties?

The current split body truck which collects both general waste and recycling will be decommissioned. Ongoing and higher than average maintenance requirements and costs and cross contamination issues of waste with these vehicles have led to them being phased out of service in most Council districts.

A new collection system based on two single body trucks will be introduced to Kangaroo Island to collect all three waste streams with the introduction of fortnightly kerbside collections.

Rural properties generally have other options (which may not be available on domestic, residential blocks in townships) for the disposal of green organic waste. The long, sparsely populated rural roads are unlikely to yield large enough volumes of green organics waste to make the collection of green organics waste cost effective.

The green organics waste collection is to be introduced in townships/coastal – see FAQs # 2 for details.

33) We need the Bulky Waste Stations (BWS). We will not drive all the way to the KIRRC to dispose of those things that we bring to the BWSs- again people will dump this stuff wherever and the island will be a mess!

Illegal dumping incurs a fine and is not a viable or responsible way to manage ones household waste.

KI Council acknowledges the distance to the KIRRC can be long depending on where you live on the Island.

Fortnightly collection of green waste will alleviate the need for residents to use the bulky waste to dispose of general garden prunings and lawn clippings (logs of up to 15 cm in diameter and 60cm length are acceptable in the green organics bin providing the total weight of the bin does not exceed 75 kgs). Items that have generally been brought to the BWSs are often items that one needs to dispose of infrequently such as washing machines, refrigerators, BBQs etc. These items can be taken to the KIRRC and most of them are free of charge for residents.

34) Will we get a reduction in rates if you close the Bulky Waste Stations? I use it every month and need this option.

No reduction in rates or service charges. Council rates are not a fee for service. Please see FAQ # 2. Please see FAQ #23 for more information about the closure of BWSs.

35) We need the compound to drop off logs downed in storms. Why can't Council just burn there in the winter and not make us carry large heavy things far away?

Please see FAQ # 23 and # 33. The decision to close the Bulky Waste Stations has many factors and reasons.

36) Island Beach need green bins too. Why can't we get this service?

The green waste collection is to be introduced in townships/coastal settlements – see FAQs # 2 for details.

Having a greens collection in areas of lower population and highly seasonal density is less efficient, economically and environmentally.



There are also constraints on the collection vehicle's capacity to handle increased volumes of green waste. Please also see FAQ #5.

37) What percentage of waste is caused by tourists? Can't we charge them a levy for waste disposal?

It may be difficult to measure the effect of tourism (in its many varied forms), on waste collection weights. Non-permanent residents who are also ratepayers likely mirror the visitation patterns of tourists during the peak summer and holiday seasons. Both tourists and non-resident ratepayers (or their holiday rental customers) staying on Island affect waste collections.

Waste statistics for Kangaroo Island 2015-2016 and 2016 -2017 (to date) show that January (peak summer school holiday period) is the month during which general waste collections (by weight) peak, unfortunately collections of recycling have remained about the same with only a small increase in recycling collection weight for January.

It is generally considered that this peak in general waste collection is largely caused by higher numbers of people staying on the Island for more extended periods of time, in addition to increased day visitation. But it would be expected that recycling collections would also peak considerably during this same period due to the increased packaging and wrapping associated with the festive season.

38) When and if this happens will the collection routes be the same?

There will be some changes to the collection routes as they are historical and are not designed for collection efficiency. The collection routes will be re-designed to be more efficient. There may be some changes to the day or time your bins are collected but the new kerbside collection calendar would be mailed out to all residents prior to the change.

39) What is being done to manage the waste produced by cruise ship visitors? Here for the day and they make a huge footprint and then leave and we have to deal with their waste!

KI Council and FRWA will address waste management in regards to the influx of visitors coming off of cruise ships with the cruise ships, tour and cruise ship market operators and Sealink. Clearly provisions need to be made at the Penneshaw dock area, as well as in the Penneshaw Township where many visitors shop, eat and linger.

40) How often will the Public litter bins be collected? Will they be larger? Will they be collected on the same schedule as domestic bins?

Public litter bins will be changed to 240L waste bins (maroon in colour) in most cases. There are some areas where waste and recycling stations with bin enclosures have been commissioned by townships, these systems will be monitored and will remain as is, if the bin size is able to handle the waste volumes.

Some sporting and community groups may seek to have recycling bins to collect CDL cans and bottles also.

Public litter bins are collected on a separate schedule from household bins. They will be emptied on varying schedules (dependent on season) during the year and collections will respond to seasonal fluctuations. They

may be emptied daily, bi-weekly, weekly or fortnightly depending on volumes of waste being generated at the specific location.

41) How will you educate visitors? Can the Sealink ferry have an information video? Can each visitor be given a guide to managing waste on the island? Something should be done because they produce a lot of waste and don't know what to do with it.

FRWA and KI Council accept and agree that visitors to KI may come from many parts of the state, country and world and would not necessarily understand the waste management systems in place on KI.

We will work with Sealink and expand the tourist information video to include some waste avoidance, recycling and litter education. We will provide a KI visitors brochure with pictorial information about 'what goes in each bin' to support responsible waste management by visitors. We also plan to design and develop visual/pictorial bin labels to clarify what can be recycled in the kerbside bins and what should go in the kerbside general waste bins.

42) Has FRWA or KI Council put any thought into collecting general waste weekly over the Easter and school holiday period in April? This is the busiest time for visitors to the island!

Weekly collections of general waste will occur

- in the week before and after Easter
- during six week period of the peak summer school holidays

Waste collection data for 2013-2014, 2014 -2015 and 2015 – 2016 financial years show that January remains the peak collection month for general waste. General waste collections during the shoulder seasons of autumn and spring are only slightly higher than off peak winter months over the same periods.

Extra bin lifts are available for \$5.50 per bin per lift for holiday homes/rentals businesses which may accommodate larger numbers of people during peak holiday periods.

Bags of general waste, recyclables and organics can be taken to the KIRRC at no charge.

43) How will my business cope if there is a limit of 3 of each waste stream? We have 15 bins! What should we do? Others use our bins like tourists, campers, etc. Will you work with us to resolve these issues?

With the new Kerbside Collection Policy a number of changes will become effective from September 2017 that might affect businesses, in particular:

- all waste streams will be collected fortnightly, and
- the **maximum number of bins to be collected fortnightly by FRWA in any waste stream - to be limited to three (3) bins per service.**

Businesses (including holiday rental properties) which produce waste in excess of an average household or waste types different to a domestic household are allocated one (1) bin and collection service per waste stream (currently general waste and recycling) per rateable property.



In addition, businesses can purchase additional bins (up to 2 per waste stream) and additional bin lift services (on account with FRWA).

Businesses can apply for a (1) 240L greenwaste bin, where it can be confirmed that this bin will be used for green organic waste ONLY (only available within greenwaste collection boundaries).

Annual stickers will be issued for additional bin services and only bins of the correct size and lid colour will be serviced by FRWA. Additional bins for which additional bin lift services will be purchased must display the correct annual sticker for collection 2017-2018 from September/October 2017.

44) *With eight businesses now operating on Cape Willoughby Road we need kerbside collection. Can FRWA and Council consider this? We are carting our bins 8 kms each way and it's not fair!*

KI Council and FRWA will review the service level in areas where there has been an increase in population and business activity. This will include an assessment of the accessibility of rural and remote roads for the collection vehicle as well as travel times and expected collection yields. The evaluation of all facts will inform the decision for the most efficient collection system.