



**KESAB**  
*environmental solutions*



**ANNUAL REPORT**  
**13/14**

# 2013/2014 HIGHLIGHTS

## Litter Kills Roadside Campaign

- ▶ 10,000 car tidy bags were distributed
- ▶ 83.3% of motorists surveyed noticed roadside signage

## Wipe Out Waste Education

- ▶ 25% waste reduction achieved
- ▶ 81 school sites participated in the 'Litter Less' program

## Council Household Waste Audits

- ▶ 2,300 household bins were audited
- ▶ 2,400 bins were inspected and 'tagged'

## OUR MISSION

### MISSION STATEMENT

*To inspire the South Australian community to restore, preserve, and improve the environment through active participation.*

#### GOVERNANCE STATEMENT

The KESAB Board is responsible for the corporate governance of the organisation.

A full Statement of KESAB Corporate Governance is available on request.



#### OBJECTIVES

- To inspire, influence and advocate for environmental sustainability.
- To provide support through education, innovation, engagement and research.
- To deliver effective partnerships and programs ensuring mutually beneficial environmental outcomes.
- To establish and maintain a public fund, to be called the KESAB Gift Fund, for the specific purpose of supporting the environmental objects of Keep South Australia Beautiful Inc. The Fund is established to receive all gifts of money or property for this purpose and any money received because of such gifts must be credited to its bank account. The Fund must not receive any other money or property into its account and it must comply with subdivision 30-E of the Income Tax Assessment Act 1997.

### Wingfield Education Centre

- ▶ 2,836 participants attended community education sessions
- ▶ 116 school and council events were conducted

### KESAB Litter Index

- ▶ 50,000+ pieces of litter were counted at 600 sites
- ▶ Cigarette butts were found to comprise 50% of all litter

### NRM Education

- ▶ 35 PD sessions = 927 Teachers
- ▶ 229 items borrowed from NRM Ed Library

*“After 48 years, still working in partnership with the community, KESAB is branching out into some new and exciting directions.”*

**Executive Director**

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# FROM THE MINISTER FOR SUSTAINABILITY, ENVIRONMENT AND CONSERVATION

Hon Ian Hunter MLC  
MINISTER FOR SUSTAINABILITY, ENVIRONMENT  
AND CONSERVATION



South Australia's reputation as a leader, nationally and internationally, in recycling, resource recovery and litter reduction lies at the heart of our State's image as a 'clean and green' environment.

Underpinning this image is the Container Deposit Legislation, our ban on plastic bags, a community which embraces recycling, and the work of KESAB, the State's leading not-for-profit organisation for delivering world-class sustainability programmes.

KESAB has been an important catalyst for creating positive behaviour change throughout the community.

Since 1966 it has been inspiring people of all ages to recycle and reuse as much as possible, and to reduce litter through grass roots engagement, industry alliances and working with many councils.

KESAB's partnership with Zero Waste SA, funded by the State Government through a three-year agreement, enables the delivery of programmes targeting diverse issues and sectors – from school children and the building and construction industry to monitoring litter on a quarterly basis since 1998.

Each year KESAB's delivery of the Wipe Out Waste schools programme goes from strength to strength, especially its impact on reducing food waste in schools through activities such as making compost from food scraps which are used in school vegetable gardens.

School waste audits are showing that this programme is having long-term benefit in reducing the amount of waste sent to landfill from schools.

I am pleased that South Australia continues to perform well in litter reduction. South Australia has the lowest amount of beverage litter than all other states due to South Australia's container deposit legislation.

However, we know there is much more we can do to reduce litter across the State.

For example, cigarette butts remain the most frequently identified litter item in South Australia.

This is a problem that all South Australians need to embrace as it is to everyone's best interest as well as in the interest of our precious and unique environment.

This is why the State Government is establishing a dob-in-a-litterer programme. This mobile application will allow members of the public to report litterers by submitting details of littering they observe online or from a mobile device. A similar programme in Victoria has proved to be successful in reducing litter, particularly thrown from vehicles.

Zero Waste SA will be leading the development of this initiative in collaboration with key stakeholders such as KESAB.

As KESAB approaches its 50 year anniversary we can be thankful for the passionate staff at KESAB who are helping to create a better environment for the community and maintain our reputation for being a 'clean and green' state.

A handwritten signature in black ink, appearing to read 'I Hunter', written in a cursive style.

# REPORT FROM THE CHAIR

Ashley Watson  
CHAIR KESAB



The 2013 / 2014 year has been yet another challenging and hectic one for KESAB.

While I remained on the KESAB Board, I resumed the position of Chairperson again when our Acting Chair, Sharon Hanlon, retired after assuming a new career role. I thank Sharon for her excellent and incisive work during her period in the Chair.

With its 48 year history, KESAB must seem like a perennial institution in this State, largely immune from the challenges and vagaries that surround us. Nothing could be further from the truth. KESAB is continually challenged by the need to be a leader, relevant, and providing services to our clients and communities achieving a standard no others can match.

I believe KESAB has successfully charted its way through another year, delivering excellent outcomes for all stakeholders.

The year has seen us increase our range of partnerships with local government through high standard waste auditing services, building and fostering relationships, and engaging with a wide range of industries on many other fronts. We sincerely thank all our industry partners.

Our objectives are solely aimed at enabling us to enhance and deliver the kind of community education programmes for which KESAB has become renowned.

I want to acknowledge the immense value and support we receive through our partnership with Zero Waste SA, assisting the State Government to deliver the State Waste Strategy in ways that Governments alone simply cannot do.

Zero Waste SA itself will undergo considerable change in the future and we are working closely with them to adapt our services and deliveries to meet State needs in the future.

Flagship programmes including Wipe Out Waste, Litter Less, Clean Site®, Road Watch, Sustainability Awards and council community education programmes have achieved excellent outcomes for the year. We especially thank NRM for their ongoing support.

Fiscal restraint and retraction, both Federal and State, was a hallmark of the last year and no organisation can take for granted support it receives at that level. Such change opens up new opportunities for an organisation such as KESAB, especially where Government and corporate capacity to deliver can be compromised by diminishing resources.

KESAB maintains its involvement with the KAB National Association. This organisation has undergone considerable change in recent times and KESAB and I, as a National Director, are closely monitoring how this will evolve and what it means for the State bodies that created it. The disparities in origins and scales of the member organisations present real challenges, as do the external forces that come to bear from time to time from funding sources whose objectives do not always sit comfortably with all State members. I believe there is great value in having a clear national voice, but there are clear challenges to achieving that.

I must acknowledge the outstanding support I receive from my fellow Board members and the dedication and unremitting support of our Executive Director, John Phillips and all of our staff. KESAB stands as a credit to them all.

I am very much looking forward to the year ahead where the tangible benefits of KESAB's contributions can be seen in terms of the behavioural change and contributions to a sustainable environment that we are able to deliver.

# REPORT FROM THE EXECUTIVE DIRECTOR

John Phillips OAM  
EXECUTIVE DIRECTOR



This year marked 48 years of KESAB working with the South Australian community to promote litter reduction and environmental sustainability through local action.

The scope of programs delivered by KESAB has increased considerably compared to our beginnings, and similarly the landscape and societal framework around us has shown substantial change.

Learning to look after our own backyard and understanding environmental impacts caused through poor practices and behaviour is an ongoing process. However, much of the community now has environmental awareness and practices deeply imbedded in day-to-day work place, household and recreational lifestyle choices.

These changes would not have been achieved, in part, without KESAB and the many other NGO and community groups that have contributed and driven environmental improvement over many years.

Education, participation and individual action have provided the core ingredients of success, with KESAB coordinating a plethora of community activities which, over 48 years, have resulted in millions of voluntary hours and sponsorship dollars through government and corporate sector partnerships.

Outcomes are measured through changing technology and information exchange, levels of government and corporate funding underpinning community actions, improved conservation and environmental management with outcomes including a much healthier environment and lifestyle quality.

Education and engagement of society in general have undergone huge transition through continual learning and action in partnership with the community.

Change is inevitable, and whilst KESAB remains a leader in creating and recognising opportunities and partnerships working with the community, we are conscious of the 'people scape' around us and the impact over time on some programs that appear to have run their course.

The future shows a new direction is imminent for some KESAB programs to ensure contemporary environmental challenges continue to be addressed through ongoing community engagement, education and action.

Waste collection and recycling systems will continue to evolve as options to increase waste diversion from landfill are more clearly defined, recognising that today's waste is really a resource for the future.

Increased community participation is required to achieve waste recovery targets. This includes:

- a stronger focus on food security and the value of organic waste, through collection and processing of garden and food waste streams; and
- an increased demand to recover a range of consumables (such as gas bottles, batteries and an expanded range of E-waste) via product stewardship initiatives.

Litter remains a high priority for KESAB, as the broader community is still yet to come to terms with new lightweight packaging types and their need to improve disposal behaviour and waste separation in the public space.

KESAB continues to work with government and councils to encourage stronger enforcement measures to underpin litter reduction, and we are confident this aspect of litter control will be addressed in 2015. This will align South Australia more closely with Victoria and Western Australia who have implemented successful enforcement programs in recent years.

KESAB education programs to schools and community have advanced significantly. This is demonstrated via performance outcomes delivered through the Wipe Out Waste and NRM Education Teams, Clean Site®, Litter Less and Litter Index.

The high level of teacher professional development, student engagement and visits to school sites, combined with council and community education tours through the KESAB Wingfield Education Centre is underwritten by professional waste information and education resources leading the nation.

South Australia has excelled in the Keep Australia Beautiful National Awards programs being judged overall national winners in the Sustainable Communities (Tidy Towns), Sustainable Cities and Clean Beach programs in the past 12 months.

However the future of these programs is also challenging from both funding and participation level perspectives, and is currently being reviewed.

KESAB continues to build partnerships with local government, especially through development and implementation of waste education targeting local householders, undertaking extensive waste audits to understand more about waste streams, and displays and engagement in the public domain contributing to improving waste diversion performance.

Development and delivery of waste education, audits and strengthening local government partnership will be a strong focus for the next period as Zero Waste SA enters its final year of leading South Australians to achieving the Nation's highest waste diversion performance.

The challenge for KESAB as an NGO will be to sustain leadership and level of partnership outputs under a new South Australian Government model which may not demonstrate the same level of incentive and drive for councils and communities.

Following the demise of Zero Waste SA, the waste levy will continue to collect millions of dollars each year. The task required to continue our strong track record and reach the aspirational target of zero waste will be impacted by reduced funding and incentive to community and key stakeholders.

KESAB will likely be impacted by the winding down of Zero Waste SA and during the coming year we will be working strategically and diligently to continue delivery of focused programs and education initiatives albeit their shape may change.

We look forward to continuing this exciting journey with the South Australian community.

# LITTER INDEX



The KESAB Litter Index is South Australia's official litter count and volumetric tracking data base. The methodology was developed by KESAB and is refined and reviewed regularly to ensure litter types, count sites and that the counting process delivers high standard trend analysis.

The data base underpins the Keep Australia Beautiful National Association Litter Index and Branded Litter Study.

Data collected provides a longitudinal study of littering behaviour patterns as packaging types and lifestyle changes impact on pollution in the natural environment.

The KESAB Litter Index counts litter at 151 sites across metropolitan and regional South Australia. The average footprint of each count site is 1,526m<sup>2</sup> with a total area of 228,900m<sup>2</sup> counted four times per annum in line with seasonal conditions (Feb, May, Aug, Nov).

Longitudinal data includes the capacity to highlight regulatory and trend impacts providing KESAB with information to assist in strategic actions and campaign options including packaging litter linked to take away and convenience food consumers, motorists and transport caused roadside litter, cigarette butts (35% of total litter stream) and demo graphs associated with consumer littering behavioural based on type of litter entering the environment.

The Litter Index provides clear evidence of success from regulation, including South Australia's Container Deposit Legislation (CDL) and Plastic Shopping Bag Legislation with our State recording the lowest number of beverage containers and plastic shopping bags in the litter stream throughout Australia (\*McGregor Tan 9894 March 2013).

The Litter Index May count each year is used as the annual KESAB reporting benchmark. This report compares May 2014 Litter Index data with that collected in May 2013.

Research provides KESAB with information to identify and address bad littering behaviour and encourage proactive government and industry

sector engagement through stewardship and awareness activities.

For many years KESAB has actively encouraged Government to review legislation and regulatory approaches to strengthen litter enforcement in order to reduce littering and change behaviour in the public domain. In May 2014, KESAB commissioned an Omnibus Survey to research community opinions on littering and enforcement options. The Omnibus Survey findings are reported separately in this Annual Report.

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## KESAB LITTER INDEX (MAY 2013 – 2014)

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### KEY FINDINGS

The May 2014 Litter Index (Wave 65) shows 11,319 items were counted across 151 metropolitan and rural sites compared to 13,096 items in May 2013 (Wave 61).

This represents a reduction of overall litter by 13% during the period - a significant downward trend. However, cigarette butts continue to make up the largest proportion of all litter counted (35%) compared to the May 2013 reduction of overall litter (42%) during the 2013/14 report period. This reflects fewer butts counted, but impacts proportionately on other litter types recorded, i.e. plastic and paper show increased percentages.

A proactive focus to reduce cigarette butt litter through messaging by KESAB and Butt Free Australia, shows South Australia is leading the pack to improve smokers poor butt disposal habits.

Paper/paperboard (28%) and plastic (24%) items continue to be a major polluter in the litter stream, contributing to thirteen of the top 20 litter items counted. (See 'Top 10 Categories – highest counts' graph below.)

Glass (4%) and metal (5%) items remain relatively static in the annual Litter Index comparison.

Beverage containers embraced within South Australia's Container Deposit Legislation continue to achieve high return rates (81%+) via



the Recyclers of SA State depot network and remain under 2% of the total litter stream. This is significantly lower than beverage containers counted in the litter stream interstate, e.g. 11%.

### LITTER BY VOLUME

The assignment of volume estimates to each litter item category is based on actual measurements of containers/items, the condition in which items are most commonly found (which is based on the audits of three Litter Index Waves) and the most common or average size of the items counted in each category.

The total volume of litter recorded in May 2014 was 1.267 cubic metres compared to 1.105 cubic metres in 2013. This is 15% higher with the largest

proportion being plastic items (34%) and paper/paperboard (29%) items.

The full KESAB 'Litter Index Wave 65 report' can be found on the KESAB website: [www.kesab.asn.au](http://www.kesab.asn.au)

### LITTER BY SITE CATEGORY

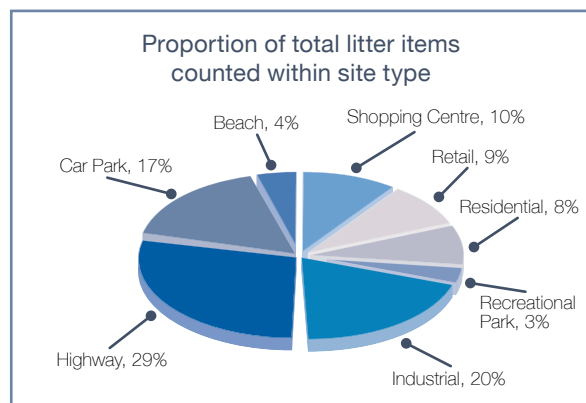
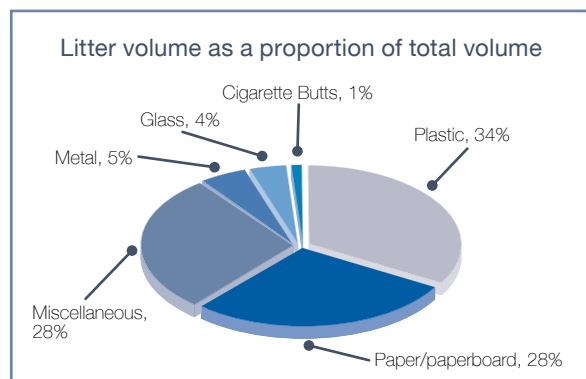
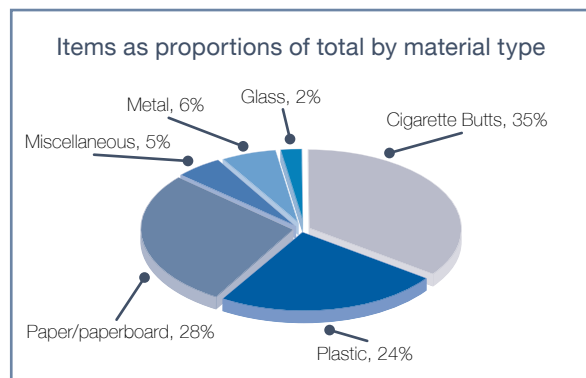
Highways remain the most significant contributor to the total number of litter items counted (29%) showing a 5% reduction compared to the May 2013 Litter Index.

KESAB Road Watch and community groups caring for the environment contribute to litter reduction and clean ups along major highways through regular voluntary action.

The Litter Kills roadside campaign conducted in major tourist destinations throughout South Australia during the 2013/14 summer period also raised awareness and encouraged motorists to litter less. (See Litter Kills report.)

Other site categories counted include: Industrial (20%); Car Parks (17%) and combined Shopping Centres and Retail (19%).

The combination of Motorists and Transport (29%), Car Parks (17%), Industrial (20%), and Retail and Consumer Littering (19%) contribute to over 85% of all litter counted in the Litter Index.



### LITTER ENFORCEMENT OMNIBUS RESEARCH

In its 2012-13 Mid-Year Budget Review, the State Government announced intentions to examine alternative models for delivering functions carried out by Zero Waste SA (ZWSA), which will cease operations in June 2015. ZWSA work via a Service Level Agreement to fund the Litter Index, litter education and litter campaigns coordinated by KESAB *environmental solutions*.

In the lead up to the March 2014 State Election, the Government further announced that it was considering a 'Dob in a Litterer' approach to litter reporting, which would be supported by a new app.

KESAB welcomed the news of increased monitoring and the development of a littering measurement tool, and highlighted to government that the opportunity also provided for timely review of legislation and regulatory response to increased enforcement encouraging litter reduction.

Both Victoria and Western Australia have implemented stronger enforcement measures through 'Dob in a Litterer' and Litter Report mechanisms, resulting in thousands of on-the-spot infringements being paid by polluters, and most importantly, showing positive litter reduction outcomes.

In May 2014, KESAB conducted an omnibus research with findings overwhelmingly supporting increased litter enforcement in South Australia.

In the 2014–2015 year KESAB will contribute via invitation to a 'Dob in a Litterer' working group to facilitate designing new options and mechanisms to improve South Australia's response to tackle litter issues.

Demographics	May 2014 [n=400]
<b>Age</b>	
18-24	12%
25-29	9%
30-34	8%
35-39	8%
40-44	9%
45-49	9%
50-54	9%
55-59	8%
60+	28%
<b>Annual household income</b>	
Up to \$20,000	7%
\$20,001 to \$40,000	19%
\$40,001 to \$60,000	18%
\$60,001 to \$80,000	15%
\$80,001 to \$100,000	11%
\$100,001 to \$150,000	14%
Refused	9%
Don't know	7%
<b>Gender</b>	
Male	49%
Female	51%
<b>Location</b>	
Metro Adelaide	72%
Regional South Australia	28%

Source: Square Holes Omnibus May 2014.

## LITTERING IS A PROBLEM

### Q: How likely would you be to support on the spot fines for those caught littering?

70% are likely to support on the spot fines (i.e. 'extremely likely' plus 'quite likely' ratings)

Extremely likely	36%
Quite likely	34%
Neither likely nor unlikely	15%
Not very likely	6%
Not at all likely	5%
Don't know	4%

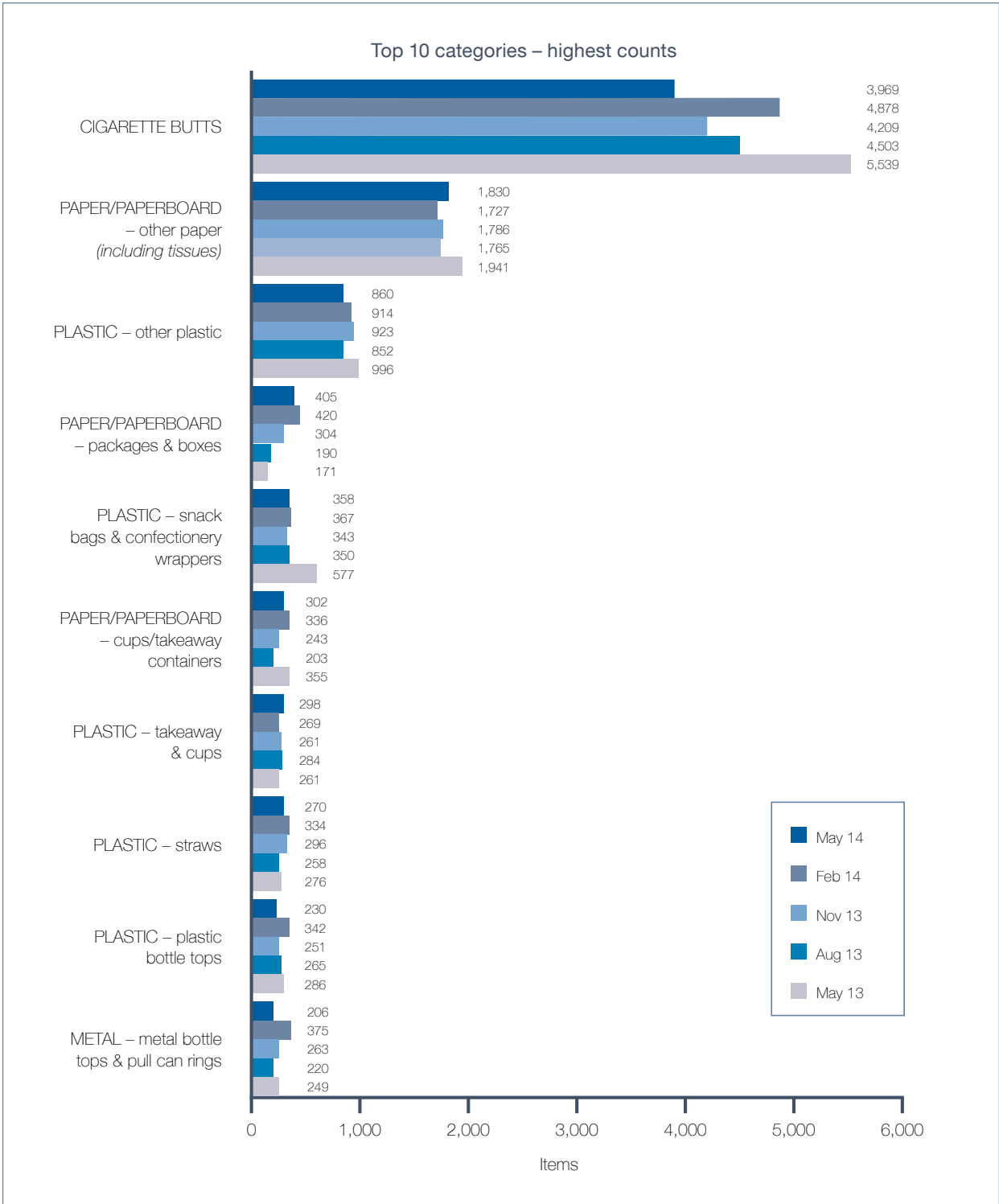
### Q: Using a 10 point scale ranging from strongly agree (10) to strongly disagree (0), how much do you agree with the statement that littering is a problem?

62% strongly agree that littering is a problem (8-10 ratings)

10 - Strongly agree	32%
9	10%
8	20%
7	15%
6	7%
5 - Neither agree nor disagree	11%
4	1%
3	1%
0 - Strongly disagree	1%
Don't know	2%

### Q: Which of the following would encourage you to stop or decrease littering?

More accessibility to bins	65%
Fines	39%
Increased promotions around littering	29%
I don't litter	9%
Don't know	6%
Other	8%





EnviroMethod™ is a new brand, created for KESAB *environmental solutions*, under which curriculum-based environmental education resources will be developed and marketed to the education community.

KESAB is a creative hub, embracing experience, skills and knowledge which is demonstrated in the development and delivery of quality teaching and education resources. Increasingly, learning in classrooms, and professional development for teachers are being delivered via computer-based technologies. This means there is an increased demand for new, interesting and interactive resources that engage students and teachers.

EnviroMethod™ has identified a range of potential new learning resources which will be developed and introduced as KESAB continues the journey of sharing environmental education through practical learning experiences.



'Izzy' the EnviroMethod™ mascot.



'Stuff! Making sustainable choices at home' education resource.

# Did you know?

Electronic waste (e-waste) is one of the fastest growing types of waste in Australia. This includes televisions, computers, printers and mobile phones.

**H**ave you ever wondered what to do with common household items (or **STUFF!**) that you no longer want or need?

EnviroMethod™ has developed an interactive educational CD for you and your students all about **STUFF** and how to dispose of it.



**Making sustainable choices at home**

### What's on the CD for teachers?

Cross-curricular lesson and activity ideas, student activity sheets and SMART Notebook files.

### What's on the CD for students?

A fun 3D house interactive, with six rooms to explore for **STUFF** that is no longer needed.



Printed on recycled paper



**EnviroMethod™**  
teaching resources for a sustainable planet  
© KESAB environmental solutions 2014

### ORDER

'**STUFF!** Making sustainable choices at home' from the website today.

[www.enviromethod.edu.au](http://www.enviromethod.edu.au)

'Stuff! Making sustainable choices at home' poster.

# COUNCIL PARTNERSHIPS



## PORT ADELAIDE ENFIELD

The ongoing partnership with the City of Port Adelaide Enfield has seen residents and local schools engage with education programs and activities facilitated by KESAB.

### SCHOOLS

KESAB engaged approximately 750 students from a broad range of education sites across the council area. Students were involved in excursions to the Wingfield Education Centre and incursions such as the popular Recycle Relay and Papermaking.

Engagement in these activities has encouraged teachers and students to extend school activities and work with KESAB to improve waste management systems. A combination of staff and key student leaders from five different schools have been working to develop waste-management strategies which include educating the school and the wider community.

An example is St Patrick's school, which implemented a four-bin separation system (waste,

recycling, organics, 10c CDL collection) and achieved a waste output per person per day figure well below the state average (data thanks to a Wipe Out Waste audit recently conducted).

KESAB will continue to work with schools to help them achieve similar outcomes.

### COMMUNITY

Four community tours were facilitated for residents and council staff, visiting a number of waste and recycling businesses in Adelaide. These tours allow participants to see what happens to their kerbside bin materials and understand how newer waste streams, such as e-waste, are managed. Two presentations on waste and recycling were delivered to community groups.

KESAB also partnered with community centres across the council area to erect waste, recycling, organics and food scrap information banners on a rotation system, and engaged with six community events to help promote the 'food scraps to green bin' message. Events included the North East Community Day, Giant Garage Sale, Ridley Grove Community Day, St Bede's



Freddy Food Scraps and company at the Port Adelaide Twilight Christmas Parade.



KESAB Education Officer Kerrie Prossor showing residents the bio basket at the Semaphore Street Fair event.



Mayor Gary Johanson playing the KESAB 'Mini Bin' game at the 'Giant Garage Sale' event.

Markets, Semaphore Street Fair and the Port Adelaide Twilight Christmas Parade.

These events allowed KESAB to run composting workshops, set up information displays and games, as well as dress up in food scrap costumes (yes, Freddy Food Scraps again!) and parade in the Port Adelaide Enfield community Christmas Pageant.

### FOOD WASTE INCENTIVE PROGRAM

KESAB delivered the Food Waste Incentive program for the City of Port Adelaide Enfield Council with a focus on diverting food from the waste bin into the green organics bin. This program comprised the following three campaigns.

- **Adshel Campaign**

KESAB coordinated a broad campaign to deliver messages about food organics recycling via Adshel banners in bus shelters throughout



The Adshel poster displayed on bus shelters throughout the Port Adelaide Enfield Council area.

the City of Port Adelaide Enfield Council area. The Adshel banners were designed to present a concise message in a visually engaging format.

- **Doorstepping**

'Doorstepping' is a form of direct marketing that involves face-to-face conversations with householders on their doorstep. This program has been hugely successful in increasing the awareness of recycling within the Port Adelaide Enfield Council area. Since its introduction in 2008/2009, there has been a marked increase in the amount of recyclables entering the recycling system.

KESAB has reintroduced the program to Port Adelaide Enfield residents, this time focussing on diverting food scraps from landfill and into the green organics bin. Initial results have been positive, with a number of residents happy to receive the information. The doorstepping campaign will be evaluated via phone surveys and green organics bin audits, due for completion in October 2014.



The Doorstepping team geared up to speak to the residents of Port Adelaide Enfield about waste and recycling.

## Food Scraps to Compost Microsite

KESAB *environmental solutions* developed a microsite for Port Adelaide Enfield Council to specifically promote food waste recycling. Microsites are an effective way to deliver focussed messages to community groups and schools.

The site contains resources for the community and schools, and provides important tips on methods to recycle food scraps. The resources for schools include interactive games and activities that have been designed to meet the curriculum requirements of the classroom.



This website helps to educate schools and the wider community about the effective use of the green organics bin to divert food scraps from landfill.

## CITY OF TEA TREE GULLY

Another year of partnership with the City of Tea Tree Gully has seen more schools and community groups educated about waste and recycling through engagement with KESAB's programs and activities.

### SCHOOLS

Approximately 550 students from the Tea Tree Gully Council area participated in KESAB school programs this year.

Bin system assessments and bin audits were undertaken at a number of sites, with recommendations on ways to improve collection systems. One Tea Tree Gully school has been awarded a grant from the Zero Waste Schools and Community Grants Program to purchase bin systems to separate materials for recycling and composting following excellent results from a previous KESAB bin systems assessment.

Six Wipe Out Waste parent information sessions were held at Tea Tree Gully sites. These workshops educate parents on the materials that are most commonly found in the waste bin at preschools, and how to reduce the amount of materials being sent to landfill.

The Wipe out Waste show 'Wally and the Wipe out Waste Wizard' visited two Tea Tree Gully Council schools this quarter, with approximately 700 people, from four sites, attending the shows.



Wipe Out Waste workshop at Redwood Park Preschool.



**COMMUNITY**

Three full-day community tours were conducted for Tea Tree Gully residents, providing the opportunity for approximately 50 residents to visit waste and recycling processing facilities.

**GARDENING WORKSHOPS**

Two events were held at community gardens in the Tea Tree Gully council area this year including a presentation by KESAB educators on the three bin system at the Wynn Vale Community Garden as part of their open day in October. During the session, attendees were given a picture card of an item for sorting into mini bins. Following the sort, the items were discussed as a group. There was also a presentation on the use and application of garden fertilisers.

A second event was held at the Dernancourt Community Garden, with experts presenting on composting, worm farming and chemical free pest control.



Chemical free pest control workshop at the Dernancourt Community Garden.



Composting workshop at the Dernancourt Community Garden.

**WATERWORLD BIN SIGNAGE**

KESAB worked with Council and Waterworld to introduce four new bin banks, complete with Waterworld specific signage to coincide with the start of the new swimming season. Waterworld staff are pleased with the system and supportive of this measure to reduce contamination in the 10-cent drink container collection bins, and to divert recycling and food scraps from the waste collection. The new bins were audited in March to monitor effectiveness of the system, and the findings of this audit will be discussed prior to the next swimming season.



New bin banks with signage at Waterworld.

**MINI MUNCHER**

KESAB is working with Council to introduce a kitchen caddy for residents to collect food scraps in their kitchen, before placing them into the green organics bin. An information booth was held at Tea Tree Plaza to display different caddy's, and to promote the message that food scraps are 'good to go' in the green organics bin. Educating residents on diverting food from the waste bin will continue to be a big focus in the coming year.



Caddy display at Westfield Tea Tree Plaza.

## UNLEY

KESAB continues its strong partnership with the City of Unley, providing school and community education.

A key focus for the council has been the diversion of food scraps from the waste bin into the green organics bin, particularly supporting local businesses with diverting their food scraps.

KESAB delivered two community tours with 44 participants, and waste and recycling education sessions to over 300 students. We have also assisted child care and preschool sites on their journey to 'Wipe Out Waste' with bin assessments, audits and workshop presentations.

### UNLEY BUSINESS EDUCATION

On behalf of the City of Unley, KESAB has been trialling a 'Food Smart' program with King William Road food traders. The objectives are to reduce food waste and to remove food waste from the general waste bin.

Through partnering with key stakeholders, the message is getting out to the food traders that food scraps are a valuable resource and need to be diverted from landfill. The message to reduce food waste is also reinforced.

The trial is currently underway, and outcomes are expected to be reported at the end of August 2014.

### UNLEY BIN TAGGING

As part of Council's ongoing education program to encourage residents of the City of Unley to 'Recycle Right', a bin tagging campaign was delivered to let residents know if they are recycling correctly or if they need further education about what can and cannot be recycled.

The campaign involved a series of fortnightly recycling and organics bin inspections. A team of two inspected all waste and recycling and waste and organics bins presented for collection for four fortnights in a row. Approximately 300 visual inspections were conducted across 150 homes in Parkside and 150 homes in Forestville.

At the completion of the program, results showed that recycling contamination decreased

from 66% to 44% in Parkside. The bin tagging in Forestville was to encourage food scraps to go into the green organics bin and this achieved an increase from 12% of organic bins to 34% by the end of the campaign.



The bin tag used to inform residents they are Recycling Right!

## THE LAST 12 MONTHS AT THE WINGFIELD EDUCATION CENTRE

The Wingfield Education Centre is used regularly by a range of different groups including schools, community groups, teaching staff and council employees. KESAB expresses special thanks to Adelaide City Council for support, and commencing November, ARR the new owner of Wingfield Waste Centre entered into a generous agreement with KESAB to continue operating the education facility.

## SCHOOLS

During the year, 1,419 students from 33 education sites across the state attended the two-hour excursion offered at the centre.

Students tour the businesses located on site at the Wingfield Waste and Recycling Centre and are able to observe first-hand the processes involved in managing waste to landfill, green organics for composting and construction and demolition materials reprocessing.

Students engage with a number of interactive activities in the Wingfield Education Centre allowing them to explore 'best practice' recycling options, understand the implications of contamination in recycling and green organics loads and learn how to deal with 'tricky' items, such as electronic waste.

One student from Balaklava Primary School wrote:

"Thank you for helping us learn to recycle. We're sure that we'll ask the school to do what you taught us. We'll also do these things at home. We'll teach our parents about it so they know about it."

Support materials include worksheets, a pre-excursion information pack (detailing the structure of the excursion and information on the sites visited) and a post-excursion resource, which provides teachers with follow up activities, discussion questions and links to useful resources and videos.

## RECYCLE RIGHT TRAINING

One Recycle Right Training tour, conducted in Partnership with Zero Waste SA and the Local Government Association was held this year. Seventeen Council Customer Service and Waste Education and Management Officers, representing five Councils, attended. The session included tours to waste transfer and resource recovery centres, and information presentations from Zero Waste SA and KESAB. Each council that attended the training session was provided with a mini bin game, specific to their council area, which can then be borrowed by schools and community groups to further their waste and recycling education.

Comments from the day included:

"Important to continue training sessions for Council staff re: these issues."

"A very informative and useful day!"

"Showed what support is available and made the task at hand seem manageable"

"The most interesting thing learnt today was the large processes involved in separating the different waste streams."

## COMMUNITY TOURS

KESAB delivered 17 community tours to residents from The City of Port Adelaide Enfield, Tea Tree Gully, Unley, Charles Sturt, Campbelltown, Mitcham, Prospect, Adelaide City Council, as well as groups from TAFE SA and UniSA.

The full-day community tour enables participants to see the processes involved in managing waste to landfill, kerbside recycling, organics for compost, electronic waste, and construction and demolition materials. Presentations are delivered by site managers at Transpacific Industries, Integrated Waste Services, VISY Recycling, Jeffries, E-Cycle Recovery and Adelaide Resource Recovery, with an opportunity to ask questions throughout the day.

Tours have received excellent feedback from participants:

"A good introduction and general view of the different types of recycling – a great initiative."

"I can say for sure that everyone learnt something from the experience. I certainly did, and can only say that it would be a good thing if everybody in Adelaide were to have the same experience."



Mitcham residents saw one of their own council trucks emptying at Transpacific Industries.

### MELBOURNE METROPOLITAN WASTE MANAGEMENT GROUP TOUR

In early 2014, KESAB was engaged by the Melbourne Metropolitan Waste Management Group (MWMG) to coordinate a tour of SA Waste Management Facilities for Councillors and Officers from the 30 Melbourne metropolitan Councils and MWMG representatives. KESAB coordinated an intense 1.5 day tour, for approximately 50 delegates. On their whirlwind visit, they visited ResourceCo, SITA ResourceCo, ORORA (AMCOR), the IWS balefill at Dublin, NAWMA (Northern Adelaide Waste Management Authority), and all other sites covered in the traditional, full day community tours. KESAB also organised speakers to present for the group at their lunch and dinner venues.

### CITY OF CHARLES STURT – THE COOK, THE CHEF AND THE COMPOSTER

The City of Charles Sturt engaged KESAB to support the council event 'The Cook, the Chef and the Composter', coinciding with National Recycling Week. To support this event, KESAB delivered a 'Green Brick Road, Food Organics Trail' with a focus on educating people about composting food scraps through the council green bin service. Attendees were able to collect image cards from food and stall holders present on the day, and bring these items to the KESAB display to identify which materials were able to be placed into the green organics bin.

### CITY OF PROSPECT – COMMUNITY GARDENING WORKSHOPS

To support the City of Prospect's Vegetable Verges program, a gardening workshop was held at the Prospect Community Garden in May. This event included presentations on composting and worm farms. Both sessions were delivered by composting expert Alan Shepard. The composting session covered the environmental benefits of composting, the different types of compost systems, what can and cannot be composted, steps and requirements for a successful compost system, as well as troubleshooting. The session

included a demonstration of how to set up a black cone bin compost system and compost bays.

For the worm farming session, Alan discussed what can go in a worm farm, troubleshooting, and the types of systems available, including worm towers, styrofoam boxes and tiered worm farms. He provided a practical demonstration using a tiered worm farm and a styrofoam box, elaborating on the best way to place materials into the worm farm (i.e. chopped up vs large chunks). He also touched on the importance of enabling worms to 'escape' into the surrounding soil on hot days, to prevent them from dying. He then showed residents the worm farm systems set up at the garden, which had been made using old bath tubs.

The event was attended by approximately 20 people, and feedback from the residents was positive, with many able to use the information to set up their own system or rectify any issues they were having.

### TOURRIFIC PROSPECT AND PROSPECT FAIR

As part of Tourrific Prospect in January, KESAB provided four staff to act as 'bin buddies' for the event. The bin buddies patrolled the event and assisted people in making the right decisions about which bin to put their materials into. An audit of the bins was also undertaken by the KESAB audit team as part of this event, and at the Prospect Fair in March.



KESAB staff inspecting the bins at the Tourrific Prospect event.

## WASTE BIN AUDITS

The KESAB audit team has been kept busy with audits of kerbside bins for councils keen to check the 'bin behaviour' of residents, and the successes and failures of their bin systems and education programs. We have now performed a total of 12 kerbside bin audits to Zero Waste SA (ZWSA) standards for a range of councils, including a 1,000 bin audit for Onkaparinga Council in March/April 2014. With experience, our methodology, efficiency and reporting have evolved.

Council kerbside bin audits have been undertaken for Prospect, Burnside, Onkaparinga and Unley councils. In addition, a large scale green organics bin audit was undertaken for Port Adelaide Enfield. Councils with a compostable bag and caddy system program to divert food scraps to organics bins are keen to see how this is working. How much food is being diverted from landfill? Are residents contaminating the system with plastics and other non-degradable materials, such as food packaging and foil? Overall, progress is slow and promoting food scrap diversion is a priority.

Utilising our educational background, careful consideration is given to analysing audit results and making recommendations to improve kerbside bin performance.

It is clear that householders know to recycle milk bottles and cardboard (for example), and most present clean collections of garden materials. However, householders also consistently dispose of food scraps and the same types of recycling to waste bins. Recently we have been separating uneaten food that is still packaged to gauge how much food is wasted by householders.



Waste Audit Team at work.

KESAB would like to thank Integrated Waste Services for providing a convenient and well-equipped audit site.

We also audited Civic Centres for Councils keen to look at their own bins and improve separation and collection systems for recycling and organics. The process begins with a bin assessment within the Civic Centre followed by an audit of the skips and bins where indoor materials are disposed of by cleaners. The results show where the collection and disposal systems can be improved to reduce landfill bin materials.

City of Prospect engaged KESAB to audit event bins at the 'Tourrific' Tour Down Under event and the Prospect Fair. A series of simple recommendations to achieve effective event waste management have been discussed and we hope to follow through with some action, re-auditing, and amazing results in the coming year. Hint – make all the cups, plates and cutlery compostable!

KESAB has also continued to work with the Adelaide Cemeteries Authority to find solutions to reduce landfill materials, and has begun partnerships with several other businesses and corporations to look at their bin systems, conduct audits, and put bin separation systems and education programs in place.

The philosophy of bins is very much to have the same processes at home, at work (or school) and in public places, with consistent bin systems and signs. This leads to the goal of maximising waste diversion from landfill.



Example food waste during council household bin audit.

### TOWN OF GAWLER - GRAFFITI AWARENESS EDUCATION

The Town of Gawler engaged KESAB to deliver a graffiti education program to schools in the local council area. 'Respect it, don't wreck it' workshops were coordinated and delivered by KESAB to seven schools targeting students in years 5 to 11.

The Graffiti Education workshops were presented by a professional actor, trained in facilitation, and passionate about working with and changing the lives of young people.

Respect, responsible action and positive decision-making are themes which resonate with all students and provide strategies for dealing with peer pressure, bullying and other anti-social behaviour.

All key areas measured in a post-program survey showed significant positive movements in the level of understanding and attitudes toward graffiti.

Some key findings:

- 15% strongly agreed that they knew about the consequences prior to the program; this increased to 58% after undertaking the workshop.
- Base levels of the legalities surrounding graffiti were quite strong pre-program. However following the workshop the core message that it is illegal to do graffiti on someone else's property without permission was further reinforced, with nearly all respondents (98%) agreeing that it is illegal, up from 91% prior to the presentation.

- Clear shifts in understanding of penalties for graffiti offenders were identified following the workshop. Several of the communication messages from the workshop (penalties, criminal record and juvenile detention) have been clearly reinforced, with positive movements on every measure.
- Pre-program 44% agreed that 'kids their age were too young to get criminal penalties for doing graffiti without permission'; this decreased to 23% post workshop.
- Pre-program 82% agreed that 'you can get a criminal record for doing graffiti without permission'; this increased to 94% post workshop.
- Pre-program 71% agreed that 'you can go to juvenile detention' for doing graffiti without permission; this increased to 93% post workshop.

The full report can be accessed via the KESAB website.



Xavier presenting the 'Respect it, Don't Wreck it' graffiti school program.





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## THE LAST 12 MONTHS

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The ongoing relationship with the Wipe Out Waste (WOW) schools program has enabled the Litter Less resource to be presented to approximately 130 representatives from 81 sites across the state. This has included primary and secondary teachers, non-teaching school staff and Student Representative Council members through a number of WOW Professional Development sessions and Holiday Field Trips. The reach of the resource has been facilitated by the combination of metro and regional sessions at 16 sites, including three regional areas; Mt Gambier, Pt Pirie and Pt Lincoln. Attendees of the WOW sessions were introduced to the resource and invited to take one copy for their school resource library.

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## MOVING FORWARD WITH LITTER LESS

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With changes to curriculum and the emphasis on cross-curricular learning in classrooms, KESAB *environmental solutions* identified the need to update the resource. The new resource will align with the Australian Curriculum and facilitate a holistic approach to litter education and prevention.

A survey of approximately 50 teachers was conducted to help establish the content and

direction of an updated Litter Less resource. Results suggested that it should be aimed at students in years 4 to 7, with year level specific activities that link directly to the Australian Curriculum. The results also highlighted the desire for online resources.

The updated Litter Less resource aims to build on the original by providing students with authentic learning contexts to understand and respond to litter and littering issues.

The new Litter Less resource is divided into three themes, which form a progression from defining the issue of litter, through to understanding the issues and undertaking some form of action with regards to litter in the school/ wider community.

Each theme contains a number of lessons, which fall under a range of 'big ideas'. The big ideas focus on local, national and global contexts, while considering the environmental, social and economic impacts of littering.

The resource will be written in such a way that it can be used to form a whole unit of work on litter and littering, or certain themes/ big ideas can be pulled out and used separately. KESAB is excited to see this resource completed in the near future.



Students from the Port Lincoln Primary School trialling a 'litter audit' activity.



KESAB staff drafting the new Litter Less resource.

# CLOTH NAPPY LIBRARY



**K**ESAB *environmental solutions* was the first organisation to provide a cloth nappy library to all South Australians, thanks to a grant provided by Zero Waste SA.

A Cloth Nappy Library offers families the opportunity to try cloth nappies before they buy them.

The library provides kits containing what are considered to be the best modern cloth nappies and, by hiring a kit, parents can try the different nappies at home before deciding which type is best suited to their baby.

We know that between six and seven percent of waste found in household bins is disposable nappies, which makes it the second most found item after food. This program is designed to encourage families to give cloth nappies a go, and consequently reduce the volume of waste going to landfill.

From January 2013 to May 2014, KESAB offered all South Australian residents the opportunity to opt-in to receiving a nappy library service at a subsidised price.

During this time, 18 cloth nappy demonstrations were held, and attended by 108 participants.



Baby Lara DeLeo in cloth nappy.

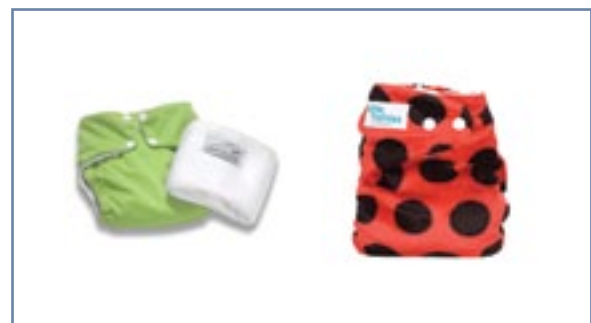


Across South Australia, 318 families hired a kit from a cloth nappy library.

The 318 participating families have been surveyed about the program and their experience of using cloth nappies. At the time of this report, the survey had only been circulating for one week, but initial data (110 responses) showed:

- 64% of families said the subsidy encouraged them to try cloth nappies
- 72% of families have gone on to use cloth nappies
- 48% of families indicated they used cloth nappies for financial and environmental reasons.

A full report will be available on the website by October 2014.



Sample cloth nappies.





# LITTER KILLS

KESAB sought funding from the Australian Packaging Covenant to conduct social research and implement a litter prevention and awareness campaign targeting tourist destinations.

KESAB adopted the Litter Kills message after it was identified via focus groups that people are aware of the potential harm that litter can cause to animals.

KESAB identified high volume tourist destinations to strategically place banners (on major highways and in towns leading to the tourist locations) with the message Litter Kills. These locations included;

- Kangaroo Island
- Victor Harbour
- Yorke Peninsula
- Glenelg
- Adelaide City
- Riverland
- Barossa Valley

The message had a call to action – Find a Bin or Take it Home. To support the campaign title, car tidy bags were produced containing fillers, including a postcard with Litter Facts, air freshener and a pen. A3 Posters were also handed out to all stakeholders involved.

There was opportunity for the public to provide KESAB with feedback on the campaign message, use of the car tidy bag and litter hotspots by entering a competition which involved completing a survey.

The campaign received 26 responses. Of these, 15 respondents noted areas heavily littered, four said they were not aware of litter in the environment and the remainder did not respond.

Take away packaging was the main litter item identified followed by tissue/toilet paper.

Eight respondents had received a car tidy bag and they all indicated the car tidy bag was extremely useful.



'Litter Kills' poster – Southport Surf Life Saving Club.

# Litter Kills



Mobile 'Litter Kills' signage National Highway 1.

All respondents indicated they were very aware of the harm litter can cause wildlife.

A recall survey was conducted at Moseley Square, Glenelg. The post research shows that 50% of respondents (out of a total 24 surveyed) were aware of the campaign, with the majority (83.33%) noticing the signs from a vehicle.

Stakeholders involved in the campaign were also surveyed. They indicated that they received a positive response about the campaigns focus and message and that over 10,000 car tidy bags were distributed and that they would welcome the opportunity to be involved in future campaigns.

Overall, results show the Litter Kills campaign was a successful program and outcomes demonstrate potential to deliver the campaign nationwide.



'Litter Kills' bin signage.



'Litter Kills' banner strategically displayed by participating Councils.



# WIPE OUT WASTE

Wipe Out Waste schools program was delighted to present 13 awards at the 2013 KESAB Sustainable Communities awards, which went to the deserving recipients listed in the table below.

A special mention to Barmera Primary School, who not only reduced their material to landfill by 83% between 2010 and 2012, but maintained the same small amount in their 2013 audit! A great effort by the whole school.

Many preschools and child care centres do great work at their sites and with local communities, so it

was a pleasure to acknowledge this with an award. In preschools and child care centres, families have the greatest opportunity for interaction with the staff who nurture their children. Working with these families can also have a great impact on influencing family purchasing decisions to reduce waste.

WOW was fortunate to receive additional funding from Zero Waste SA (ZWSA) to focus on the Early Childhood sector and welcomed Kathy Scarborough back to the WOW team. As part of this focus, KESAB have run nine Early Years

Site name	Primarily due to the great work of...	Category
Redwood Park Child Parent Centre	Jane Taylor	Best practice resource separation systems and learning - Preschool.
Eastern Fleurieu: Strath R-7 Campus	Jane Jolly	Best practice resource separation systems and learning - Primary School.
Golden Grove High School	Toni Carellas, Sue Ruciack, Paul Howieson	Best practice resource separation systems and learning - High School.
Pulteney Grammar School	Danielle van Schie	Best practice 10c collection systems.
Littlehampton Primary School	Debbie Taylor	Resource recovery and waste reduction learning in the curriculum.
Kingston on Murray Primary School	Jo Bevan	Waste reduction and learning through the Less to Landfill Challenge
St Patrick's School	Diem Savy	Waste reduction and learning through the Less to Landfill Challenge.
Underdale High School	Ingeborg Marwitz	Litter reduction learning and action in secondary schools.
Nazareth Catholic College - Primary Campus	Emma Porter, Jan Bate	Outstanding action in implementing resource separation systems, learning and SEMP development.
Barmera Primary School	Glenys Matthews, Peter Schramm	Maintaining the smallest volume of materials per person sent to landfill.
Brighton Secondary School	Warren Eaton, Mark Orchard	Contributing the smallest volume of materials per person sent to landfill from secondary sites.
Brighton Primary School	Simon Hutchinson	Greatest reduction in materials to landfill for 2013.
Aldgate Primary School	Joe Demasi	Excellence in resource recovery and use of grants for waste reduction.
ROSES - DECD	Keith Sharplin	Best practice statewide reuse program.

## Wipe Out Waste

professional development sessions, presented to parents and staff at AGMs and conducted 14 Bin Materials Audits in the Early Years sector.

Zero Waste SA School and Community Grants were available in early 2014, which always increases the popularity of WOW events! This round of grants was available to child care centres for the first time and more than 70 child care sites attended workshops. Around 50 child care and preschool sites and 40 schools applied for ZWSA grants. The 2014 round of Zero Waste SA School and Community grants program awarded \$168,000 to 72 education sites including over 30 preschools and child care centres.

Four holiday field trips and 19 professional development sessions saw 350 staff from more than 190 sites attend WOW events. World Environment Day in the Botanic Gardens and a Yorke Peninsula Schools event saw more than 500 students and staff from over 20 sites participate in WOW presentations. Providing keynote presentations at the SA State Schools Administrative Officers Association (SASSAOA) conference and Lutheran Schools Ground staff conference were highlights, allowing us to present

to hundreds of school finance officers and grounds staff who are key to resource recovery contracts.

Other highlights include the July 2013 launch of the ZWSA Recycle Right Resource, supported by WOW and hosted by Portside Christian College. The resource spans Early Years through to High School with a wide range of contextual learning activities.

The WOW e-newsletter which began in 2013 now has over 500 recipients!

Another highlight is Friday night ABC 891 radio segments with Peter Goers which continue to be an entertaining way to reach a wide public audience. WOW provided compostable crockery and cutlery at Peter's Christmas party to assist in making it a zero waste event!

A record 217 classes from 34 sites took up the 2013 Less to Landfill Challenge. Fifty-three classes from six sites provided detailed feedback indicating an overall reduction of 25% of landfill materials. Written feedback incorporating curriculum suggestions are included in the 2014 Challenge information.



'Recycle Right' resources launched on 24 July 2013 by the Hon. Ian Hunter, Minister for Sustainability, Environment and Conservation, Water and the River Murray, Aboriginal Affairs and Reconciliation at Portside Christian College.

Best performances in the 2013 Less to Landfill Challenge included:

- Woodcroft Primary School - class 7 reduced by 36 bins per week over the challenge.
- Angle Vale Primary School - year 3/4 reduced by 27 bins per week over the challenge.
- Edwardstown Primary School - class 18 reduced by 16 bins per week over the challenge.
- St Patrick's School, Mansfield Park - year 5/6 reduced by 15 bins per week over the challenge.

The Wally and the Wipe Out Waste Wizard performance has been getting around the state with regional trips to Mt Gambier, Port Pirie, Port Lincoln and shows all across the Adelaide metropolitan area. We usually do a bin audit on the performance day to reinforce the messages from the show and for the first Riverland trip, Simone from ZWSA was able to join us to conduct bin activities with older students (Yrs 5-7).

Over 11,000 people have attended more than 50 performances, with overwhelmingly positive feedback, for example:

- "A fantastic show! Very cleverly put together. You kept the audience 100% entertained while always getting across your excellent messages. Thanks and well done!"



Wally the Wipe Out Waste Wizard performance with students, teacher Helen Smyth and KESAB educators.



The first regional road trip in the Riverland, with Loxton Primary School students and Simone Cunningham (ZWSA).

(Photos courtesy of The Loxton News)



Graph of results from the '2013 Less to Landfill Challenge'.

- “Every day is now Nude Food Day. Our principal is not very good at Less to Landfill so SRC will do a presentation at the next assembly.”
- “Fantastic show - all children enjoyed it. Reinforced what we are doing. Thank you.”
- “My reception children took away more from this than I thought.”
- “Performance was really engaging for the children and well presented. They were ready for follow up activities and excited to have a go at reducing waste.”

The WOW lunchbox stickers have proven a popular visual aid to assist with reducing lunchbox packaging with over 12,000 being provided to sites in the last year. The performance and teaching resources are one of the most popular elements of the WOW suite of resources including the online game at the WOW website that students can share with their families to help pack a waste less lunch.

Collaboration with other agencies including Natural Resource Management (NRM) Education, continues to be very valuable, especially in regional areas as well as Education for Sustainability (EFS) events working with the Early Years sector. New relationships with Gowrie Training that manage statewide courses for the Early Years sector have proven very effective in reaching this audience. Involvement with the Waste Management Association of Australia (WMAA) Waste Educators working group has highlighted a need for guidelines for bins in schools, which we are working on with ZWSA. This will be very helpful for schools and council waste education officers. Working across KESAB programs can also create great resources including the 2014 calendar which showcases bin systems and artwork in schools across the state!

Wipe Out Waste is a Zero Waste Program delivered by KESAB *environmental solutions*.



Wally and the WOW Wizard curriculum links to 'Recycle Right' resources.



## KABN NATIONAL AWARDS – CLEAN BEACH, CITIES AND COMMUNITIES (TIDY TOWNS)

The KESAB Sustainable Cities, Communities and Clean Beaches programs have been a great opportunity to showcase South Australia on a National Level in 2013-14. South Australia was represented at the Keep Australia Beautiful National Awards by the City of Marion (Australian Sustainable Cities Awards), City of Holdfast Bay (Australian Clean Beaches Awards), and Kingston SE at the Australian Tidy Towns Awards.

In November 2013, the City of Marion was announced as the Overall Winner at the Australian Sustainable Cities Awards in Cockburn, WA. Not only did they win the overall award, but also received the Heritage and Culture Award and Young Legends Award, as well as highly commended in the Water Conservation and Environmental Innovation and Protection categories. The Sustainable Cities National judge was particularly impressed with how the city preserved its indigenous and European heritage.

The City of Marion is one of only 360 organisations across Australia to make a public commitment to strengthening relationships with Aboriginal and Torres Strait Islander people after it recently launched its Reconciliation Action Plan. Other impressive actions included delivery of 40 waste education presentations on recycling, waste minimisation and food waste to local schools and kindergartens, where student leadership groups are empowered to identify specific waste issues and plan relevant actions. As National Winner, the City of Marion will now host the Australian Sustainable Cities Awards in November 2014, allowing them to showcase their winning initiatives.

In November 2013, the City of Holdfast Bay represented South Australia at the Australian Clean Beaches Awards. Here they were commended for their work in recycling and waste management. In 2012-2013, 3,846.22 tonnes of recyclables and 3,673.02 tonnes of organic material were collected; 7,738.86 tonnes of general waste were also collected although this will be reduced in future through the new food to greens program. Currumbin, Queensland was named Overall Winner and will host the 2014 Australian Clean Beaches Awards in July 2014.

Kingston SE represented South Australia at the National Tidy Towns Awards in April 2014, held in Victor Harbor. Kingston received the Water Conservation Award for their extensive work in sustainable water management in Kingston. Council has extensively developed and upgraded reserves over the past few years with the installation of irrigation systems that use recycled water from its Common Wastewater Management System, (CWMS). Now the entire foreshore reserve is irrigated with recycled water; as well as the Old School Oval and garden, the Kingston Cemetery, and the large reserve at the rear of the cemetery. All of Kingston's waste water is now utilised through these irrigation systems. Kingston SE were also highly commended for the Dame Phyllis Frost Litter Prevention award, as well as being highly commended for Young Legends.

The National Tidy Towns Awards were held in Victor Harbor, the 2013 Winners, and attendees were treated to a tour of the Investigator College EcoCentre at Currency Creek, an overview of the City of Victor Harbor's extensive energy work, including both solar and wind power, a sunset cocktail reception at Granite Island including an introduction to the resident Little Penguins and a ride on the Steam Ranger train between Goolwa and Victor Harbor. Representatives from Kingston SE, Munduberra Qld, Sheffield Tas, Wangaratta Vic, Titjikala NT and Nundle NSW enjoyed the two day event, which culminated with a wonderful awards dinner at McCracken Country Club where Sheffield, Tasmania where announced overall winner.



Cr David Speirs, Ann Gibbons (Manager Environmental Sustainability) and Ashley Watson (KESAB Chair) celebrate the City of Marion's Australian Sustainable Cities win.

# CLEAN SITE® – PARTNERSHIPS IN BUILDING A BETTER ENVIRONMENT



KESAB's Clean Site® program continues to remain relevant to the MBA-SA and HIA building and construction industry associations, local government and resource recovery and waste industry to deliver environmental education on domestic and commercial construction projects.

The program supports and complements Environmental Management Systems focusing on improved health, safety and environmental performance outcomes on construction sites.

Engagement continues to be a priority through education to change work practices and to initiate improved standards supporting state and local government legislation, the State Waste Strategy and EPA storm water management policies to ensure a sustainable improvement to the environment.

Objectives focus on increasing recycling and resource recovery from building and construction projects, diverting waste from landfill, implementing Zero Waste SA targets, reducing impacts of storm water pollution in local waterways and marine/coastal environments, and supporting EPA regulations and codes of practice.

Partnerships have strategically focused on specific industry, government and training/educational areas, including:

- industry – Masters Builders SA, HIA, BIANCO, construction companies (in particular, BADGE)
- government – ZWSA, EPA, Office of Industry Advocate, local government
- resource recovery – ResourceCo, VEOLIA
- utility provider – SA Power Networks
- developer – Renewal SA
- training & education – Construction Industry Training Board and TAFE.

A range of positive outcomes have been achieved, including:

- delivery of 'Environmental Toolboxes' designed to improve, complement and support Environmental Management Systems, and to support industry health and safety



BUILDING A BETTER ENVIRONMENT

inductions on major construction sites, e.g. SA Power Network's Cultana project and 13 BADGE major construction projects

- educational resources continue to support training and education through Master Builders SA's Sustainable Construction resource, HIA Greensmart, Construction Industry Training Board (CITB) RTO's, together with UniSA construction management courses
- partnering with major construction projects in achieving extensive resource recovery and recycling rates (over 90%) at major construction projects, including BADGE major projects and SA Power Networks Cultana project
- delivery of local government programs focusing on regional and metropolitan areas, e.g. Copper Coast, Charles Sturt and Gawler



Clean Site® Coordinator Dick Olesinski OAM presents a workshop at Copper Coast Council.

- successful onsite demonstration days delivered in partnership with BIANCO Construction Supplies and Renewal SA on major housing development at Bowden Brompton



- continued partnership with UniSA in providing Environmental Toolboxes for students undertaking construction management, building surveying and estimating courses
  - increased focus on CITB Doorways2Construction school network with delivery of Environmental Toolbox inductions to the southern school network, including 12 high schools with a future focus on Tonsley TAFE
  - undertaking construction site audits to monitor environmental compliance to reinforce the need for continued program delivery.
- HIA
  - Industry training providers
  - Master Builders SA
  - Participating councils
  - Renewal SA
  - ResourceCo
  - SA Power Networks
  - VEOLIA
  - Zero Waste SA
  - Badge

The following organisations partner the Clean Site® program:

- BIANCO Construction Supplies
- Construction Industry Training Board
- EPA

With housing and major construction projects continuing to grow within the state, the Clean Site® program is well positioned to provide support to industry in order to comply with environmental legislation to ensure a sustainable future for South Australia.



SA Power Net Crew at Clean Site® workshop (Cultana, Upper Eyre Peninsula).

# BEVERAGE CONTAINER RECYCLING COMMUNITY GRANTS PROJECTS



The Keep Australia Beautiful Community Grants program, funded by Coca-Cola, is now in its fourth year and provides financial assistance to local community projects that demonstrate a measurable result in diverting beverage containers out of landfill, through increased recycling at a local level.

The grants program provided \$440,000 in funding for the 2013 projects in 71 local communities across Australia

In South Australia, in partnership with KESAB *environmental solutions*, 13 groups shared \$52,000 to implement a variety of projects including collection, storage, processing and public place recycling for beverage containers.

Last year's program resulted in 274 tonnes of beverage containers being recovered, and around 1,380 new recycling bins being installed in public places across Australia.

One tonne of glass saves 1.1 tonnes of raw materials and 30% energy use, and recycling one plastic drink bottle saves enough energy to power a computer for 25 minutes.

Since the community grants program started, over \$1.24 million has been distributed to over 190 projects that have aided almost three million people to recycle bottles and cans in public places.

Funding allows local communities to implement recycling systems specific to their local needs and



community participation, and funded programs have collectively recovered a total of over 340 tonnes of beverage containers for recycling since they started.

## ABOUT THE COCA-COLA FOUNDATION

The Coca-Cola Company is a local business on a global scale. It has expanded over the years, with community support growing and projects created that are most relevant to local communities around the globe. Coca-Cola is committed to investing its time, expertise and resources to help develop and maintain vibrant, sustainable and local communities.

Established in 1984 (and wholly funded by the Coca-Cola Company), the Coca-Cola Foundation helps keep that commitment every day by partnering with organisations around the globe to support initiatives and programs that respond in a meaningful way to community needs and priorities.

More information on the Coca-Cola Foundation can be found at '[www.coca-colajourney.com.au/home](http://www.coca-colajourney.com.au/home)'.

### 2013 Community Grant recipients

Ardrossan Progress Association	Jamestown Agricultural, Horticultural and Floricultural Society
Balgowan Progress Assoc Inc.	Penola Recycling Depot
Broughton Mundoorra Netball Club	Pine Point Progress Association Inc.
City of Holdfast Bay	Port Victoria Progress Association Inc.
Clare and Gilbert Valleys Council	Rural City of Murray Bridge
District Council of Karoonda East Murray	West Beach Trust (marketed as Adelaide Shores)
District Council of the Copper Coast	



# KESAB SUSTAINABLE COMMUNITIES AND CITIES

The KESAB Sustainable Communities and Cities program had another interesting and successful year in 2013-14.

Over 250 category entries were received across the Cities and Communities programs from schools, community groups, businesses and councils. The entries received were of a very high quality, with some terrific new initiatives being highlighted in both metropolitan and regional South Australia.

The City of Marion was announced as the Overall Sustainable Cities winner in August and Kingston SE was announced as the Overall Sustainable Communities winner at the annual KESAB Awards Ceremony in October 2013.



Section of Kingston SE foreshore area completely watered by recycled wastewater.

After significant changes to the program at the end of 2012, the 2013 Sustainable Communities Programs comprised the following categories:

- Appearance, Amenities and Facilities
- Litter Prevention, Waste Management and Resource Recovery
- Natural Environment Conservation
- Heritage and Culture
- Community Action and Partnerships
- Environmental Sustainability
- Health and Wellbeing
- Leadership and Youth Action.

These category changes proved to be very successful and were thoroughly embraced by the community. As such the 2014 program is currently running with the same categories, which shows

that KESAB is on par with the current focuses in regional South Australia. At the conclusion of the 2014 program, KESAB will reassess the program again to ensure we continue to engage with the community in the most meaningful and useful way.

Some highlights of the 2013 Sustainable Communities Program were:

- **The Hayes Crescent project at Mt Gambier.**

This project was an initiative between local residents, the City of Mt Gambier and SAPOL (in particular, Senior Constable Paul Sclicuna) and was designed to enhance a local park, raise community pride and address problem areas. Together, the parties redeveloped the park, including installation of a playground, gazebo, barbeque area, garden beds and basketball court. The project not only provided a terrific amenity for the community, but has vastly improved the engagement between residents, SAPOL and the Council.

- **The Gap project – District Council of Yorke Peninsula.**

The Gap is a very popular and heavily used camping site, just south of Balgowan. In recent years, it has suffered from off-road ATV and motor bike usage like many coastal dune systems. As a result of this, Council undertook its own Coastcare funded project 'Coastal Sand Dune Protection, The Gap'. Council took the innovative approach to install heavy duty roadside fencing to create a barrier so ATV's, motorbikes and cars cannot get onto



The Gap revegetation (including heavy duty fencing).

the dunes. Native Coastal plants have been planted in the affected areas and the installation of signage is helping to educate visitors about sand dune management and the environmental value of sand dune formation.



Interpretive signage at The Gap.

- **Weed removal.**

The Port Neill Progress has been working tirelessly in their coastal areas on the unenviable tasks of weed removal (in particular, boxthorns and succulents) and rabbit control (via the eradication of rabbit warrens). Furthermore, they have been mapping their assault on the succulents, boxthorns and rabbits and have a great overview of their success in ridding the coastal areas of these pests.



Pt Neill revegetation project.



National judging (photo shows entrance wall to Kingston SE).



Winners sign in Kingston SE.



Sustainable Communities South East judging (Lake Albert Meningie).



# KESAB – RECYCLERS SA ENVIRO CALENDAR

After the success of previous calendars, KESAB continued its partnership with Recyclers SA in 2013 to create the KESAB Enviro Calendar.

Schools across SA were invited to enter with the theme 'innovative waste receptacles, bin art and creative signage'. KESAB received fantastic entries from across the state with great examples of bins in school yards. The winners were featured in the 2014 Enviro Calendar.

## OVERALL WINNER

St Gabriel's School, Enfield

## OVERALL RUNNER UP

- Elizabeth Downs Primary School
- Underdale High School
- Findon High School
- Kadina Memorial School
- Auburn Primary School
- St Columba's Memorial School
- St Thomas School, Goodwood
- Nazareth Early Childhood Centre
- Glenunga International High School  
– Georgia Ruehlemann
- Modbury West Primary School



Underdale High School.



St Gabriel's School, Enfield.



St Thomas School,  
Goodwood.



Kadina Memorial School.



Elizabeth Downs Primary  
School.

# PACKAGING STEWARDSHIP FORUM SIGNAGE



The Packaging Stewardship Forum (PSF) of the Australian Food and Grocery Council implemented a program during 2013-2014 offering signage support to communities across Australia.

The purpose of the program was to provide support to councils, community groups and schools to assist existing or newly developed local litter prevention or public place recycling activities.

In South Australia, signage went to:

- Thompson Beach Progress Association Inc
- City of Whyalla
- Ardrossan Progress Association
- Port Julia Progress Association
- Wakefield Regional Council
- Morgan Primary School



Optional designs of PSF bin sticker.



Creative PSF design showcasing Port Julia.



PSF signage installed at the entry to Port Julia.



PSF sticker applied to a waste bin.



# NATIONAL BUTT FREE DAY

National Butt Free Day was held for the second year on Tuesday 22 October 2013. This day highlighted the environmental threat posed by up to seven billion butts that are 'flicked' onto the ground in Australia each year. That is a litter load of 20 million cigarette butts every day!

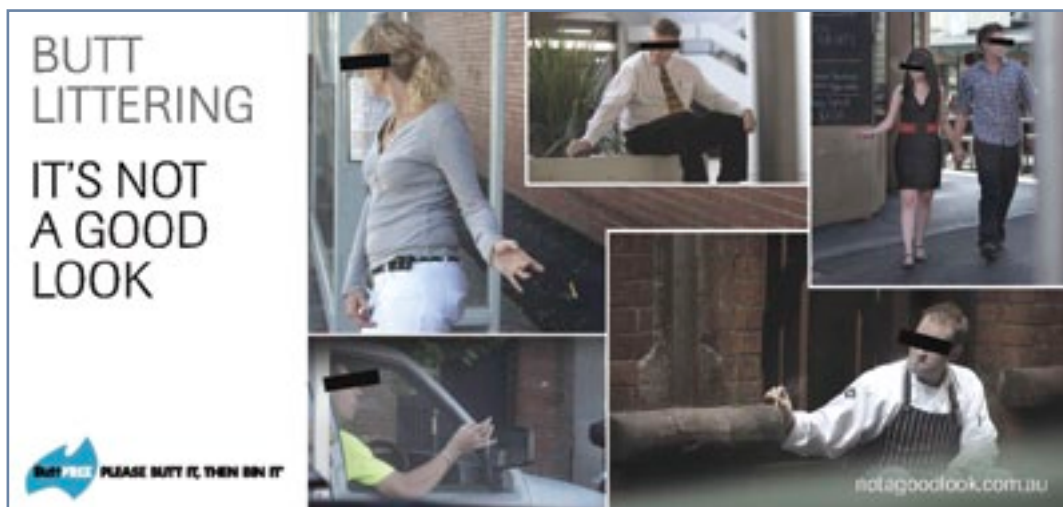
A range of downloadable supporter facts, flyers and files were developed and the 2012 television commercial was made available to any organisations or community groups who wished to participate.

National Butt Free Day provides an opportunity to encourage others to raise awareness of how easy it is to 'Butt it & Bin it' instead of littering. Butt Free Day was implemented in all states and territories using the resources of the 'www.buttfree.org.au' website.

Many businesses and organisations formally registered as Supporters of Butt Free Day 2013, while others simply accessed the information and tools online. Thank you to all community organisations who participated and to the following local councils, government organisations and businesses:

- ACT Electoral Commission
- Auburn City Council
- Badge Group
- Cardinia Shire Council
- City of Port Adelaide Enfield
- Deakin University
- Eurobodalla Shire Council
- Glen Innes Severn Council
- GreenD
- Griffith City Council
- Gympie Regional Council
- Ipswich City Council
- Junee Shire Council
- Latrobe Council
- Northern Tasmania Development
- Snowy River Shire
- Straddie Camping Site
- Uralla Shire Council

Cigarette butts are Australia's most littered item, consistently recorded by 'Keep Australia Beautiful' research as being around 50% of the total number of items littered nationally every year.



It is encouraging that building and construction industry organisations see cigarette butt litter as a problem. Badge Group supported Butt Free Day by placing educational signage around their sites.

The negative impacts of butt littering include waterways pollution via storm water drains, degradation of wildlife health and habitat, substantial yet largely avoidable daily costs in cleaning them up, and various other social, environmental and economic impacts.

Personal Butt Holders and Butt Bins remain the key infrastructure items that assist smokers to do the right thing. Through product sales and donations KESAB has distributed approximately 5,000 personal butt holders.

The Butt Free website is currently being upgraded and in the development stage. The 'Not a Good Look' website houses the educational materials for download.



Butt Free bins and personal ashtrays available through KESAB.







# ROAD WATCH

Road Watch was introduced in 1996 as a joint initiative between KESAB and the Department of Planning, Transport and Infrastructure.

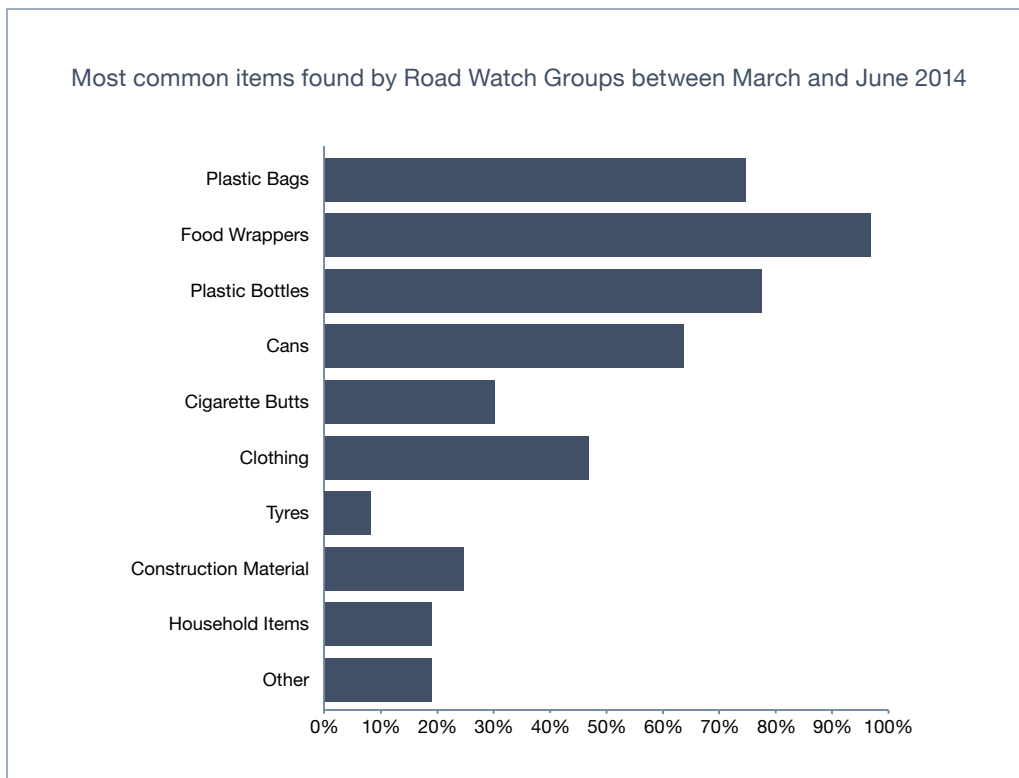
In late 2013, the Road Watch program had a change in management for the first time since its inception in 1996, with the retirement of Tony Jones. Alex Hammett, coordinator of our long running Sustainable Cities and Communities programs, took on the Road Watch program as part of her role in community engagement with KESAB. Both programs engage volunteers, with a large percentage residing in Rural South Australia and Alex has been a great fit for the program.

With the change in management, KESAB saw this as an opportunity to garner a better understanding of the work that is being undertaken by over one hundred Road Watch Groups across South Australia. In early 2014, KESAB contacted all current Road Watch volunteers to discuss the change in program, management and the

importance of the work they contribute to the community. Through this process, KESAB was able to garner in depth information about Road Watch activities and the thoughts and opinions of the volunteers. KESAB stressed to participants the importance of litter data and submitting a litter report, to help identify troubled areas. Since doing so, we have seen an increase in the number of reports received, and in the amount of information within the reports.

In conjunction with the Department for Planning, Transport and Infrastructure, KESAB has undertaken a complete review of the safety aspects of Road Watch and developed new guidelines, including risk assessments which all groups will undertake to ensure that they are working safely in the roadside environment.

Below are the most common items found by Road Watch Groups between March and June 2014.





The cover of the 'Road Watch General Safety Handbook' for volunteers.



Trinity College year 9 students on a 4km stretch of the Northern Expressway.



Typical roadside rubbish collected by volunteers.



# RECYCLE RIGHT®

Zero Waste SA's *Recycle Right*® educational program helps householders to improve their recycling knowledge and behaviour. Since the program was developed in 2009-10 it has become an established resource for councils to use as part of their household recycling education programs, addressing issues of inconsistent and fragmented communications.

Close collaboration with council waste educators, communicators and elected members has been fundamental to the program's success. *Recycle Right*® branded resources are being used by 56 South Australian councils targeting 1.6 million households. In 2013-14 the program was shortlisted in the 2013 Banksia Sustainability Awards and discussions started with councils in other jurisdictions interested in using *Recycle Right*® resources.

The suite of *Recycle Right*® resources continues to be expanded with collection calendars produced for 15 regional and two metropolitan councils, over the road banners produced for the City of Unley, banners and signage for the City of Mitcham and District Council of the Copper Coast and an A-Z recycling guide used by the District Council of Loxton Waikerie.

A set of bin tags and related education materials were produced to assist bin tagging programs introduced by the Cities of Unley and Holdfast Bay, Adelaide City Council and the District Council of Mallala. In addition, work started on the development of guidelines to further assist councils wishing to participate in bin tagging. KESAB provides support to councils for the physical inspections and tagging of bins and has been a key partner in the development of the guidelines.



Recycle Right waste and recycling calendars for councils.

Tagging bins provides feedback to householders about what they are doing right, and what they could be doing better, and has seen decreases in bins containing contamination by as much as 66% and increases in recycling rates up to 43%.

*Recycle Right®* promotional activities were expanded to include options for hazardous wastes and food scrap recycling. Free household hazardous waste drop-off events managed by Zero Waste SA, in partnership with local councils, were supported by the promotion of alternative options for used motor oil, batteries, paint, fluorescent globes (CFLs) and electrical and electronic waste. Information flyers tailored to promote local solutions were produced for drop-off events held across 19 councils. Together with press advertising, these simple measures have been effective in diverting the targeted wastes to more local and often free disposal locations.

Following market research which identified barriers to householders recycling food scraps, such as placing food scraps in the green organics bin, a campaign using the tag line ‘food scraps are good to go’ was used in press advertising and information flyers (fridge magnets) to assist the 20 councils with kitchen food scrap recycling programs.

Together with KESAB, Zero Waste SA has continued to provide training to council officers on the *Recycle Right®* program and hazardous waste collections. To date 244 officers from 47 councils have attended a *Recycle Right®* tour representing 100% of metropolitan councils, 77.5% of regional councils and 84% of all councils in total.

The strength of *Recycle Right®* comes from the collaborative nature of the program. In 2014-15, Zero Waste SA will continue to work with councils, KESAB and industry partners to further develop the program taking into account market research undertaken in July 2014.



Recycle Right pull-up banners for councils.



Recycle Right bin tag designs for councils.



# NRM EDUCATION

NRM (Natural Resource Management) Education in Central Adelaide is proudly hosted at KESAB *environmental solutions* and is the flagship sustainability education program of the Adelaide and Mount Lofty Ranges Natural Resources Management Board.

NRM Education supports schools to become more environmentally sustainable in the following ways:

- delivery of quality professional development
- facilitation of youth voice programs and mentoring
- support and advice for schools developing on-ground projects
- encouraging student exploration of local environments
- providing sustainability links to the Australian Curriculum
- provision of quality resources.

The facilitation of environmental sustainability in schools is guided by the South Australian Sustainable Schools Initiative (AuSSI-SA) model. NRM Education is the lead program for implementing this model in schools in the Adelaide region.

Our Youth Voice and Action programs encourage young people to make a difference in their schools and local communities by providing them with the skills for building sustainable lifestyles. The youth forums and new Youth Environmental Leaders (YEL) Program empower young people to use their voice, take action in their schools and communities and share their achievements to promote the sustainability message. Students also have the opportunity to represent their communities and share their sustainability actions at statewide events of the Youth Environment Council (YEC) of South Australia coordinated by NRM Education.

NRM Education also delivers Engaging with Nature, a program that encourages students into outdoor environments to connect with nature. Students can also monitor terrestrial and aquatic biodiversity and make plans to take action locally. The ultimate aim is to connect the head, heart and hands to develop young environmental stewards

who are connected to, and want to take care of, their local environments.

## SUPPORTING SUSTAINABILITY IN SCHOOLS

The AuSSI-SA model encourages schools to embed sustainability across all their areas of operation; including curriculum, site management, procurement, decision making and community links. The goal is to develop a culture of sustainability within the school. Schools show their commitment to this process by registering online to become an AuSSI-SA school.

To better meet the needs of schools, the AuSSI-SA model continues to evolve with significant input from NRM Education staff in partnership with staff from the Department of Education and Child Development (DECD).

Over the last 12 months NRM Education staff have directly assisted 151 AuSSI-SA registered schools and 63 non-registered schools. This includes preschools, kindergartens and child care centres.

Evaluation is important in ensuring the success of the NRM Education program. To assess the programs and services provided, a survey is conducted annually and sent to everyone who has participated in or accessed NRM Education programs in the previous 12 months. The aims are to identify strengths and highlight areas for



The NRM Education team assists schools and their communities to develop sustainable lifestyles.

improvement in the way schools are serviced. The teacher survey from the end of 2013 revealed a high level of satisfaction among respondents with the support services provided by NRM Education. Eighty-five percent of respondents said that working with NRM Education was a “significant” or “very significant” influence on their progress with implementing sustainability across their school.

Schools are reporting the support offered by NRM Education through the AuSSI-SA model is very beneficial with outcomes such as:

- developing a School Environment Management Plan (SEMP), which provides vision and focus for the school, is a record of achievements and in turn increases school access to grant applications
- providing information and support with Education for Sustainability
- tailored professional development for staff which encourages stronger support and builds skills to increase staff and student engagement in sustainability at a site
- building confidence in staff managing sustainability projects and programs within the school
- access to expert advice and the experience of other schools that have implemented similar sustainability initiatives
- mentoring support for students
- strategies for ensuring sustainability is being incorporated across the curriculum as required by the new Australian Curriculum and National Quality Standards.

Youth Environment Forums are an important tool for supporting student groups to carry out sustainability projects. In 2013, four environment forums (Southern Coastal, Inner Northern, Peninsula and Northern Hills) with 110 students from 14 schools worked on sustainability projects in their school and local communities.

In 2014 a new forum structure was embraced and the Youth Environmental Leaders (YEL) Program was born.

In March, students participated in a full day of outdoor activities at Morialta Conservation Park to connect them with the outdoors and keep them engaged in planning their projects for the year. Students are currently receiving intensive project mentoring from NRM Education staff and in October will showcase their projects on a bus tour



Elisia listens to students from Basket Range Primary School talk about their frog pond design for the school.

of other schools involved in the YEL program.

This structure aims to more effectively support student groups and the wider school community to embed sustainable projects into the school processes. This creates a culture that will ensure sustainability of the project itself in the years that follow and strengthens authentic student voice. There are 17 schools and 62 students currently taking part in the YEL program.

A further avenue for supporting student groups to undertake sustainability projects is the role of the Youth Environment Council. NRM Education and DECD are partners in empowering students to lead their communities towards sustainable futures, providing leadership training to 59 students from 52 schools across South Australia. Student representatives come together to develop skills, share ideas and plan projects to implement in their schools. The impact of providing this training ripples across the state to engage 625 students from 125 schools. Representatives also have the opportunity to share sustainability action projects with Government Ministers, showing the passion and enthusiasm young people have to make a difference.

Developing the capacity of teachers, through professional development remains a strong priority. Topics covered over the year include:

- Natural playscapes
- Sharing Sustainability after School for Early Years
- Encouraging Youth Voice
- Incorporating school outdoor spaces into curriculum



Connecting with nature: Youth Environment Council students take a night walk in the rain to catch frogs.

- Nature play
- Loose parts
- Embedding sustainability

In all, 35 professional development events were delivered to 927 teachers, educators and student teachers and 78 students.

Our resource library continues to grow with new resources on the topics of sustainability literacy, children and nature, developing outdoor playscapes, children and food gardens, local native plant ID books and the global impacts of consumption.

Sixty-two teachers, educators and students from 56 sites borrowed 229 items from our resource and equipment library, including DVDs, books, teacher resource folders, posters, identification charts and resource packs.

Our weekly digest email continues to be a key way of communicating information about upcoming teacher training, grants, resources and other school support opportunities to the schools we work with. The digest is highly valued by other sustainability education providers such as council sustainability officers, Wipe Out Waste, OPAL (Obesity Prevention and Lifestyle), the Urban Biodiversity Unit and other NRM regions who regularly promote events through our list. There are 2,205 subscribers, with over 500 joining since last year.

The Education for Sustainability (EfS) Moodle, an online resource for educators in the sustainability field, is beginning to grow. All content and resources generated for professional development sessions are uploaded to the moodle to share and regular posts are made by staff to encourage discussion in the forums. Of the 447 subscribers

who have accessed the resource, 371 have actively used it in the last 12 months. Slowly, but surely confidence is growing for teachers to use this online community.

Supporting schools to celebrate their achievements is an important element of our program. In 2013, NRM Education ran celebration events as part of the four Youth Environment Forum Clusters. Celebrations took the form of sharing progress, resources and milestones, as well attending end-of-year assemblies to hand out certificates of achievement, running outdoor activities at local reserves or ordering a special lunch.

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## PARTNERSHIPS

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Our partnership with DECD involves the roll-out of the AuSSI-SA model and Youth Environment Council which are integral components of our program. In our work with DECD, we co-develop resources (AuSSI delivery approach, indicators project, SEMP template and curriculum resources), organise and manage events and teacher training, and cross-promote resources and services.

We also appreciate our strong working relationships with service provider organisations such as Wipe Out Waste, the Department for Environment, Water and Natural Resources (DEWNR), Urban Biodiversity Unit (of DEWNR), Cleland (of DEWNR), Energy SA, Nature Play SA and local councils. We often refer schools to the resources and services available from these organisations.

A new partnership has formed with the recently founded Nature Play SA with the aim being to promote the health and wellbeing benefits of unstructured time spent in outdoor environments. NRM Education is working closely with Nature Play SA to ensure that schools and their communities are supported during this important groundswell; assisting with resources and project advice to improve natural playscapes in schoolyards and getting students out into local environments.

The strong partnership between OPAL at the City of Charles Sturt (CCS) and NRM Education has evolved with OPAL's new focus area for 2014 *Life Looks Brighter Outside*. This focus has also strengthened OPAL in other council regions including OPAL City of West Torrens. The partnership has resulted in increased outcomes for both programs with NRM Education providing

training for OPAL staff and at OPAL events, which has resulted in being able to better assist sites to embed the principles of children engaging with nature into school culture.

The NRM Education team based at KESAB is an integral part of the wider NRM Education team hosted at four other sites across the Adelaide and Mount Lofty Ranges (AMLR) region to deliver the NRM Education program. We work with our colleagues on activities such as teacher training, communications, coordinating the Northern Hills Youth Forum, facilitating the YEC, developing the AuSSI-SA model, developing and implementing the Engaging with Nature program, and strategic planning.

Our partnership with the Catholic Education Office (CEO) continues to grow as more Catholic schools move to embrace the Catholic Church's suggested sustainability approach 'On Holy Ground' and as part of this process, join AuSSI-SA.

NRM Education Central Adelaide provided interactive displays, talks, presentations and/or activities to 24,539 people at 10 events including: the Royal Adelaide Show and World Environment Day.

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### ENGAGING WITH NATURE

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With the environmental challenges that lie ahead of us it is crucial that we reconnect young people with nature so that they better understand the systems and processes that drive life on Earth. The Engaging with Nature program is NRM Education's answer to reconnecting young people with their local environment. When children spend time exploring nature they gain physical, cognitive and social benefits. Understanding and appreciating nature is critical in developing a meaningful connection and a desire to protect it. At the same time, encouraging young people to step up and take action to improve local environments builds stewardship and the belief that we can create a sustainable future.

NRM Education provides a suite of support for schools and pre-schools looking to provide structured and unstructured opportunities for students in nature. This includes:

- units of work and teacher packs linked to the Australian Curriculum
- local species ID charts
- loan equipment



Amy assists West Beach Primary students with local water quality.

- advice to develop projects
- tailored professional development for staff, students and the wider community.

Schools can also choose to monitor local biodiversity based on observational data collection undertaken by students. Over the past 12 months, 20 schools and 463 students have been involved in monitoring aquatic macro-invertebrates and water quality at eight sites across the Central Adelaide region. Ongoing monitoring enables schools to build greater understanding and ownership of their environment. Such data collection has resulted in one school stencilling local stormwater drains to increase awareness of stormwater pollution.

With the growing interest in nature play and natural playscapes, and the greater role NRM Education is playing in delivering professional development in these areas, it is anticipated that more students will be connecting the head, heart and hands in the next 12 months. This will result in a greater number of schools taking action in their local patch.

Several new exciting resources have been developed including *2013 Creature Feature Booklet* and *Planting Local Native Plants factsheet*.





# SUSTAINABILITY PROGRAM AWARD WINNERS

## OVERALL AWARDS

Overall Winner	Kingston SE
Small	Mundulla
Medium	Kingston SE
Large	Port Lincoln

## REGIONAL AWARDS

Eyre Peninsula	Port Lincoln
Flinders	Peterborough
Mid North	Eudunda
Yorke Peninsula	Ardrossan
Murray	Waikerie
Mallee	Mundulla
Southern and Ranges	Murray Bridge
South East	Kingston SE

## CLEAN BEACHES

Clean Beaches	Port Julia
Highly Commended	
Clean Beaches	Whyalla

## CATEGORY AWARDS

Litter Prevention, Waste Management and Resource Recovery	City of Port Lincoln
Litter Prevention, Waste Management and Resource Recovery	Port Pirie Regional Council
Leadership and Youth Activities	Mount Gambier
Leadership and Youth Activities	Naracoorte
Outstanding School	Birdwood Primary School
Outstanding School	Mount Gambier North Primary School
Outstanding School	Waikerie Primary School
Outstanding School	Barnera Primary School
Natural Environment	Whyalla
Natural Environment	District Council of Yorke Peninsula
Natural Environment	Victor Harbor
Natural Environment	Port Neill
Continued Conservation Efforts	Cultana Jenkins Shack Owners
Health and Wellbeing	Ardrossan
Health and Wellbeing	Murray Bridge

Appearance, Amenities and Facilities	Wirrabara
Appearance, Amenities and Facilities	Port Moorowie
Appearance, Amenities and Facilities	Peterborough
Community Action and Partnerships	Kingston SE
Community Action and Partnerships	Port Lincoln
Community Action and Partnerships	Waikerie
Community Action and Partnerships	Naracoorte
Community Action and Partnerships	Mundulla
Continued Community Efforts	Arno Bay
Continued Community Efforts	Goolwa
Continued Community Efforts	Balaklava
Heritage and Culture	Tumby Bay
Heritage and Culture	Victor Harbor
Environmental Sustainability	Kingston SE
Environmental Sustainability	TAFE Mount Gambier
Environmental Sustainability	Coffin Bay Rain garden
Environmental Sustainability	Naracoorte

## COMMENDATION AWARDS

Community Commendation	Rena Robinson
Community Commendation	Norma Hardy
Community Commendation	Stacey Keating
Community Commendation	Barry Brougham
Community Commendation	Nick Kriticos
Community Commendation	Ross Morris
Community Commendation	Lions Club of Murray Bridge
Community Commendation	Neighbourhood Watch Graffiti Team
Community Commendation	Truro & District Community Association
Community Commendation	Graham Ward

# Sustainability Program Award Winners

Community Commendation	Doggo
Judges Commendation	Orazio Cultreri
Judges Commendation	Jim Edlington

## WIPE OUT WASTE (WOW) AWARDS

Best practice resource separation systems and learning- Preschool	Redwood Park Child Parent Centre
Best practice resource separation systems and learning- Primary School	Eastern Fleurieu: Strathalbyn R-7 Campus
Best practice resource separation systems and learning- High School	Golden Grove High School
Best practice 10c collection systems	Pulteney Grammar School
Resource recovery and waste reduction learning in the curriculum	Littlehampton Primary School
Waste reduction and learning through the Less to Landfill Challenge	Kingston on Murray Primary School
Waste reduction and learning through the Less to Landfill Challenge	St Patrick's School
Litter reduction learning and action in secondary schools	Underdale High School
Outstanding action in implementing resource separation systems, learning and SEMP development	Nazareth Catholic College - Primary Campus
Maintaining the smallest volume of materials/ person sent to landfill	Barmera Primary School
Contributing the smallest volume of materials per person sent to landfill from secondary sites	Brighton Secondary School
Greatest reduction in materials to landfill for 2013	Brighton Primary School
Excellence in resource recovery and use of grants for waste reduction	Aldgate Primary School
Best practice statewide reuse program	ROSES- Reuse of Office Equipment and Supplies Scheme (DECD)

## NRM EDUCATION AWARDS

Environmental Themes (AMLR Northern Region)	Banksia Park Kindergarten
Youth Action (AMLR Northern Region)	Elizabeth Grove Primary School
Youth Action (AMLR Northern Region)	Our Lady of Hope School
Environmental Themes (AMLR Central Region)	Clarence Park Community Kindergarten
Youth Action (AMLR Central Region)	West Beach Primary School
Education for Sustainability (AMLR Central Region)	Marymount College
Environmental Themes (AMLR Southern Region)	St John's Grammar School
Environmental Themes (AMLR Southern Region)	Springhead Lutheran School
Youth Action (AMLR Southern Region)	Thiele Primary School
Environmental Themes (SAMDB Upper Murray Region)	Barmera Primary School
Youth Action (SAMDB Upper Murray Region)	Waikerie Primary School
Education for Sustainability (SAMDB Upper Murray Region)	Kingston on Murray Primary School
Environmental Themes (SAMDB Lower Murray Region)	Murray Bridge South Primary School
Youth Action (SAMDB Lower Murray Region)	Nairne School
Education for Sustainability (SAMDB Lower Murray Region)	Murraylands Christian College Murray Bridge
STATE WINNER Environmental Themes	Banksia Park Kindergarten
STATE WINNER Youth Action	Elizabeth Grove Primary School
STATE WINNER Education for Sustainability	Murraylands Christian College Murray Bridge



# ACKNOWLEDGEMENTS

## EXECUTIVE COMMITTEE

Chair	Ashley Watson	Piper Alderman Lawyers
Vice Chair	Brendon Corby	Master Builders Association (SA)
Treasurer	Geoffrey Webster	Waste & Management Services
Executive Member	John Dangerfield	Consultant (leave of absence: Jan '14 – Aug '14)

## BOARD

Meagan Bray	ResourceCo
Ben Haythorpe	RAA
Mike Haywood	MH Sustainable Resource Solutions
Mike Thomas	Thomas Building Advisory Services
Ros DeGaris	Consultant (appointed: Feb '14 – Aug '14)
Courtney Morcombe	EY (Aug '13 – Nov '14, resigned)

## APPOINTMENTS

Vaughan Levitzke	Minister's Representative
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## FINANCIAL ADMINISTRATION

Natacha Bursill	Accounts & Financial Management
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## STAFF

John Phillips OAM – Executive Director  
Louise Stewart – Office Manager & Product Sales  
Grace Barila – Business Development Manager  
Alex Hammett – Sustainable Communities Program Manager  
Dick Olesinski – Clean Site® Manager  
Matt Cattanach – NRM Education, NRM Education Regional Coordinator  
Elisia Banks – NRM Education, Central Coordinator  
Steven Walker – NRM Education, Central Education Officer  
Amy Blaylock – NRM Education, Central Education Officer  
Jo Hendrikx – Wipe Out Waste, Program Manager  
Caitlin Jaensch – Waste Education Officer  
Kathy Scarborough – Waste Audits Manager and Education Officer  
Cally Malone – Waste Education Officer  
Kerri Prossor – Waste Education Officer  
Megan Bekesi – Sustainability Education Services Manager (Jul '13 – Feb '14)  
Jackie Martin – Office Support (casual)

# Acknowledgements

## AUDIT STAFF

Andre Tertsch  
Malee Barclay  
Jodie Scarvelis  
Martin Nordstrom  
Jess Hand  
Tegen Woodham  
Brett Meldrum

## FOUNDATION MEMBERS

Adelaide Junior Chamber of Commerce  
Advertiser Newspapers Ltd  
Australian Glass Manufacturing Co.  
General Motors Holden Pty Ltd  
Royal Automobile Association of SA  
South Australian Brewing Co.

## PATRON

C M Hill AM (Life Member)

## LIFE MEMBERS

Scouts SA  
Country Women's Association  
Guides SA  
Rotary International District 9500  
Rotary International District 9520  
Andrew Jeffery  
Junior Chamber (Jaycees) SA  
R Hall  
C M Hill AM  
Ian Keech  
Ian McGregor  
D McCarthy BEM (deceased)  
Vince Monterola AFSM  
G Parsons  
L Willetts (deceased)  
Radio 5AD  
Radio Triple M  
NWS 9

## MEMBERS

Michael O'Reilly  
Lions Club of Mount Gambier  
Rotary Club of Victor Harbor  
Balaklava and District Lions

## LOCAL GOVERNMENT MEMBERS

### METROPOLITAN

Adelaide City Council  
Adelaide Hills Council  
City of Burnside  
City of Campbelltown  
City of Charles Sturt  
City of Holdfast Bay  
City of Marion  
City of Mitcham  
City of Norwood Payneham and St Peters  
City of Onkaparinga  
City of Port Adelaide Enfield  
City of Prospect  
City of Salisbury  
City of Tea Tree Gully  
City of Unley  
City of West Torrens  
Corporation of the Town of Walkerville

### RURAL COUNCILS

Alexandrina Council  
Barossa Council  
Berri Barmera Council  
City of Mount Gambier  
City of Port Lincoln  
City of Victor Harbor  
Clare and Gilbert Valleys Council  
Coorong District Council  
Corporation of the City of Whyalla  
District Council of Barunga West  
District Council of Ceduna  
District Council of Coober Pedy  
District Council of Elliston  
District Council of Franklin Harbour  
District Council of Kimba  
District Council of Lower Eyre Peninsula  
District Council of Loxton Waikerie  
District Council of Mallala  
District Council of Mount Barker  
District Council of Mount Remarkable

District Council of Peterborough  
District Council of Robe  
District Council of Streaky Bay  
District Council of the Copper Coast  
District Council of Tumby Bay  
District Council of Yankalilla  
District Council of Yorke Peninsula  
Kangaroo Island Council  
Kingston District Council  
Light Regional Council  
Mid Murray Council  
Municipal Council of Roxby Downs  
Naracoorte Lucindale Council  
Northern Areas Council  
Port Pirie Regional Council  
Regional Council of Goyder  
Renmark Paringa Council  
The Rural City of Murray Bridge  
Southern Mallee District Council  
Tatiara District Council  
Town of Gawler  
Wakefield Regional Council  
Wattle Range Council

## PARTNERS AND SPONSORS

Adelaide Resource Recovery  
AMLR NRM Board  
Badge Construction  
Bank SA  
Banrock Station Wines  
Bianco Construction & Industrial Supplies  
BP Australia  
British American Tobacco Aust.  
Business SA  
CBS Bins  
Cheap As Chips  
City of Adelaide  
City of Burnside  
City of Charles Sturt  
City of Holdfast Bay  
City of Marion  
City of Onkaparinga  
City of Port Adelaide Enfield

City of Prospect  
City of Tea Tree Gully  
City of Unley  
Construction Industry Training Board  
Coopers Brewery Limited  
Country Press  
Country Radio  
Country TV  
Defence SA - Techport  
Department of Aboriginal Affairs and Reconciliation  
Department of Education and Child Development  
Department of Environment, Water and Natural Resources  
Department of Planning, Transport and Infrastructure  
Department of Water  
DH&B Creative Communication  
Eco Marketing  
Environment Protection Authority  
Government of South Australia  
Housing Industry Association  
Hungry Jack's Pty Ltd  
Imparja TV  
Imperial Tobacco Australia  
Integrated Waste Services  
Jeffries Garden Soils  
Local Government Association of South Australia  
Mastec  
Master Builders Association  
McDonald's Family Restaurants  
McGregor Tan Research  
Media SA  
Medika Gallery, Blyth  
Messenger Press  
Mike O'Reilly Public Relations  
Packaging Stewardship Forum  
Peats Soil & Garden Supplies  
Piper Alderman Lawyers  
RASAC (Regional Anagu Services Aboriginal Corporation)  
Read Brothers Signs  
Recyclers of South Australia Inc.  
Renewal SA  
ResourceCo  
River Murray Urban Users Committee  
Royal Agricultural & Horticultural Society  
Rural Press  
Schweppes Australia Pty Ltd  
Scout Recycling Centre  
Sims Metal Management Australia  
Squareholes  
SULO Waste  
TAFE SA – Tea Tree Gully  
The Advertiser  
Veolia Environmental Services  
Visy Recycling  
Waste Care SA  
Wingfield Waste Management Centre  
Wrigley, A Subsidiary of Mars, Incorporated  
Zero Waste SA

# AUDIT STATEMENT



**Keep South Australia Beautiful Inc.  
Officers' report  
30 June 2014**

The officers present their report, together with the financial statements, on the incorporated association for the year ended 30 June 2014.

**Executive Committee**

The following persons were officers of the incorporated association during the whole of the financial year and up to the date of this report, unless otherwise stated:

Ashley Watson – Chair  
Geoff Webster – Treasurer

**Board Members**

The following persons were board members of the incorporated association during the whole of the financial year and up to the date of this report, unless otherwise stated:

Brendon Corby  
John Dangerfield  
Ben Haythorpe  
Ros DeGaris  
Mike Thomas  
Mike Haywood  
Meagan Hill (nee Bray)  
Vaughan Levitzke – Ministers Representative

**Objectives**

The principal activities of the Association are the promotion of a cleaner environment and a litter-free South Australia.

**Operating Result**

The Association recorded a Deficit of \$19,004 for the year after providing for income tax (nil) (2013 Surplus \$21,819)

Signed in accordance with a resolution of the Members of the Board

  
\_\_\_\_\_  
Watson A  
Chair

  
\_\_\_\_\_  
Webster G  
Treasurer

Signed at Adelaide this *12<sup>th</sup>* day of *August* 2014

KESAB 2013 – 2014 Financial Report and Statements of Financial Position are available on request from KESAB Inc.



# SPONSORS/PARTNERS



CITY OF  
Port Adelaide Enfield



INTEGRATED WASTE SERVICES



Recover Recycle Reuse





NRM Education at work in partnership with KESAB *environmental solutions*. West Beach Primary students test local water quality.