

CEO UPDATE

As we see life return to a new normal, which includes lockdowns, masks, and check ins, we at KBULG are happy to see our organisations connection with the local community resume.

Our first event of 2021 was the KBCCI Community Expo, hopefully you saw us in our brand new KBULG Marquee purchased with funds from Lotterywest, and grabbed some plants for the garden or popped by to just say hello.

Our Clean Up Kalgoorlie-Boulder event was held on the same day as National Clean Up Australia Day and saw approximately 100 volunteers turn up to a bushland block on the corner of the Waverley Street and Chaffers Street in Boulder. With the help of our volunteers, sponsors, and the City of Kalgoorlie-Boulder we cleaned up 12 tonnes of rubbish, 200 general rubbish bags and marked a stand of cactus for removal from the site. Michael Aspinall, Chairman of the Keep Australia Beautiful WA Council, and team made the long journey from Perth to help on the day and brought along fun activities and exciting competitions for the children to complete, complete with awesome prizes. A great day for a great cause.

Our organisation is dedicated to spreading the message 'Avoid, Reduce, Reuse, Recycle' and as such KBULG has teamed up with the Department of Water and Environment to help the schools of Kalgoorlie-Boulder implement the Waste Wise School Program. Our team got out to the schools at the beginning to



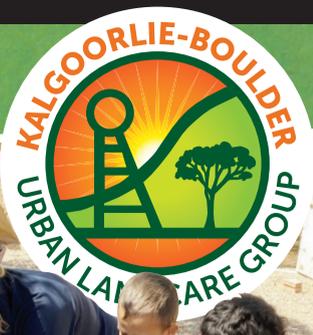
Kim Eckert and Sarah Campbell.

Eco Cultural Education Centre – Keep Australia Beautiful

KBULG is going to be lucky enough to host the Keep Australia Beautiful Council WA team for another fantastic workshop for the teachers of Kalgoorlie-Boulder in July. The Eco & Cultural

Education Centre is a fantastic site for these events and we love having our friends from Perth come to utilise this great resource.

Remember to Avoid, Reduce, Reuse and Recycle!



Students finishing a park tour with a lesson on propagation by our volunteers.



Students from the Wheatbelt enjoying a tour of the park and learning about the Great Western Woodland.



Volunteers Marcelle, Chris and CEO Kim Eckert.

Term 1 to introduce ourselves and give them a quick rundown of what KBULG is and what we can provide to the schools of Kalgoorlie-Boulder. KBULG is dedicated to not only helping educate the students on all subjects sustainability focused but also providing opportunities for students to put those skills into practice. Our clean up events and tree planting days are always very well attended not only by the adult members of the community but also the next generations.

KBULG's junior Landcare program has kicked off once again and we have had the pleasure of taking tour groups around the park from local and non-local schools. Our tours feature information about the history of Kalgoorlie-

Kim Eckert, Gabrielle Scannell and Anna Gavan at the 2021 Tidy Towns Awards at Optus Stadium.

Boulder, sustainability, indigenous information about culturally significant plants and the general biodiversity of the region. They are free for the schools of Kalgoorlie-Boulder and available to schools from different regions for a small cost. Education is a big part of what we do at KBULG and encouraging students to learn about our history and region is something we really enjoy.

KBULG was honoured to represent our city at the 2021 Tidy Town Awards with teacher Anna Gavan. With such an amazing community with a passion for humanitarian and environmental work it is no surprise that Kalgoorlie-Boulder was a finalist for three categories and an overall state finalist. Although Kalgoorlie-Boulder did not win to be a finalist for any of these categories shows that we, as a community, have a continued dedication to our culture, environmental education, and fostering leadership in our younger generations.

We look forward to the coming months and seeing what they bring. Don't forget to cut out our "What's on" section on the last page and stick it to your fridge and calendar so you can see what events we have coming up in the second half of the year.

Kim Eckert

REPORT ON CLEAN UP DAY

One of KBULG's key objectives is to convey the message 'Avoid, Reduce, Re-use, Recycle' to the wider community, a sustainability message which is becoming increasingly important in today's society.

KBULG organises events like the Clean Up Day event to empower the community to adequately assess the environmental impacts of waste and educate the community about methods of waste prevention and waste recovery.

The annual Clean Up Australia Day - a nationwide initiative promoted through state-specific Keep Australia Beautiful Councils, is KBULG's most prominent clean-up day, and attracts significant community interest as a result of the nationwide promotion of the event.

Every year the event is held at a different location, selected based on litter quantity and visual amenity priority. The 2021 Clean Up Day was attended by



approximately 100 volunteers who shifted and amazing 12 tonnes of waste and 200 bags from an area of bushland located on the North East side of Waverley Street in Boulder.

The event was attended by the team from the Keep Australia Beautiful WA Council who brought with them a bundle of fun activities and of course a helping hand.

As always, a huge thank you to all our sponsors who make it possible to run these events and for helping us reward our hardworking volunteers with a sausage sizzle and raffle prizes.

Big thanks to the City of Kalgoorlie-Boulder for helping us with the event, the



location and with the collection of the rubbish from the day's activities.

Thank you to our special sponsors; Coles who provided a prize for our Raffle and Bunnings Kalgoorlie who kindly donated gloves for our littlest cleaners and grab sticks to save our backs from so much bending over.



SCHOOL SUSTAINABILITY IN SPOTLIGHT



O'Connor Education Support Centre – Waste Wise School

One of our very own Kalgoorlie-Boulder Schools was featured on the Waste Wise Schools Facebook page in January 2021. Mrs Nixon's



class have wholeheartedly embraced the Containers for Change scheme, as have many schools in the region, and her class regularly collect the discarded containers earning their school additional funds and ensuring that valuable resources are able to

SHED PROJECT COMPLETE

KBULG's latest building project was finished in November 2020, a project completed by the Section 95 Day Release Prisoners and their supervisors.

The shed, paid for with funds donated by Evolution mining, was completed over the course of the year. The project was solely completed by the crew from the prison and enabled the prisoners to learn new skills and complete TAFE courses while they were completing the project. It was amazing to see the enthusiasm of the workers and their growing sense of accomplishment as they completed the project.

We owe them a huge thank you for their hard work and look forward to making the most of our new shed.



Section 95 prisoners surround Superintendent John Hedges, KBULG chief executive Kim Eckert and Evolution's Tara McRobbie-Rout as they hand over the keys to the new shed. Picture: Indiana Lysaght

be reused rather than ending up in landfill.

Remember to check with your local school or community group, if they are participating in the CDS scheme they can provide you with their scheme ID and you can help them fundraise.



ADVERTISING FEATURE

www.kbulg.org.au



Plant Profile

DODONAEA LOBULATA – NATIVE HOPBUSH OR BEAD HOPBUSH

Size and Form:

Multi-branched, upright shrub to 2m high, generally 1 - 1.5m tall.

Flowers:

From June to October, the flowers are inconspicuous, generally small and white. The fruit is a striking red colour and are often thought to be flowers.

Fruits:

Lobed or winged fruits which look like butterflies and are

generally red but vary in colour from green to peach and red to almost black. The fruits house small, black seeds.

Leaves:

Narrow leaves with small, well rounded lobes along the edge. Leaves are often sticky.

Habitat: A common plant throughout the Goldfields; grows in shallow red soils and sandy loams, on rocky slopes, ridges and hillsides.

Uses:

- For aromatic oils and pot pourri.

- Parts of this bush can be used for medicinal purposes.
- Lovely, medium-sized garden shrub due to its striking red fruits and low water use.

Interesting Facts:

- Is so named because of the similarity of its winged fruit to those of true hops used in brewing.
- Has a lovely aroma, smelling a bit like cinnamon or mixed spice.

Vegetable Soup Recipe

– Inspired Taste



Ingredients

- 3 tablespoons olive oil
- 2 cups chopped onion (1 medium)
- 1 1/2 cups chopped carrot (3 to 4 carrots)
- 1 1/2 cups chopped celery (2 to 3 stalks)
- 2 tablespoons tomato paste
- 4 teaspoons minced garlic (4 cloves)
- 3/4 teaspoon ground fennel seed
- 1/2 teaspoon ground black pepper
- 1/2 teaspoon fine sea salt, plus more to taste.
- 1/8 to 1/4 teaspoon crushed red pepper flakes (optional for heat)
- 1 (15-ounce) can diced tomatoes with their liquid.
- 6 cups stock or broth, homemade or store brought.
- 2 cups chopped potato (2 medium)
- 3 to 4 heaped cups chopped or shredded cabbage.
- 2 bay leaves
- 1 cup frozen peas
- 1/2 teaspoon apple cider vinegar or fresh lemon juice, optional

Recipe

Heat the oil in a stockpot or Dutch oven over medium heat. Add the onions, carrots, celery, and the tomato paste. Cook, stirring often until the vegetables have softened and the onions are translucent; 8 to 10 minutes.

Add the garlic, fennel, black pepper, 1/2 teaspoon of salt, and the red pepper flakes. Cook, while stirring, for one minute. Pour in the canned tomatoes and their juices as well as the stock/broth.

Add the potatoes, cabbage, and the bay leaves. Raise the heat to medium-high and bring the soup to a boil. Partially cover the pot with a lid, and then reduce the heat to maintain a low simmer.

Simmer for 20 minutes or until the potatoes, and other vegetables are tender. Add the frozen peas and cook for five more minutes.

Remove the pot from the heat and remove the bay leaves. Stir in the cider vinegar (or lemon juice). Taste and season with more salt, pepper or vinegar. Serve.

Remember that you can add seasonal vegetables are you have them. You can also add pasta, split peas or chicken to change it up.

Freeze leftovers in containers for those cool days when all you want is a good bowl of soup. You can even reuse jars to freeze in but remember to leave a good gap at the top as soup will expand when cold.

BOKASHI BINS

Ever thought of giving bokashi a go? What is it you ask?

Bokashi is the Japanese art of turning food waste into plant food through a pickling process. Bokashi systems lets you compost all the usual suspects and some you would not expect through a clever system. In Bokashi microbial organisms do all the hard work for you and you get reap all the rewards. Bokashi is compact and easy to

manage however you will need access to a garden bed or communal garden area to dispose of the contents of your bokashi when it is done breaking down.

Benefits of Bokashi systems include:

- Compact.
- Free fertiliser for your plants.
- System can take hard to compost items such as dairy, meat and bread.



Compost care...

Caring for your compost system in winter is almost identical as it is in the summer with a few key differences. Turn your compost slightly less in winter to preserve the heat in it's centre.

As organic matter composts it releases heat and in winter this heat is essential to the break down process when there is not as much ambient heat being added to the mix.

Continue adding your layers of brown (carbon) and greens (nitrogen) to your system.

It helps to chop up whatever you put into the system into smaller bits to aid the decomposition process which slows down in the winter months.

Remember to watch your water content in your compost system especially if you compost in exposed areas. During the winter months

there can be more rainfall and less natural evaporation so up your browns if your compost is looking soggy.



Waste free lunches...

BENTO BOXES

For adults packing lunch boxes for their children or even for themselves consider Bento Boxes instead of multiple little packets and meters of gladwrap.

Bento boxes originated in Japan but here they come readily available as lunch box sized containers that have been divided into sections ready for food.

Tips to Improve your Waste Free Lunch Game

- Buy in Bulk and dispense as needed. Not only does this decrease waste but also can potentially save you money.
- Create a few days' lunches ahead of time.
- Separate your wet and dry ingredients to avoid mushiness.
- Stick those yummy vegetables all together, no need to separate.
- Helpful tip – Use reusable silicon patty pans to act as little separators.



Snap, Send, Solve in our community

Download the Snap, Send, Solve app today to report damage, graffiti or caltrop to the council today.

GARDENING IN THE GOLDFIELDS WINTER VEGETABLES

Get these into the ground in early winter to get a good growing crop:

- Broad Beans
- Cabbage
- Carrots
- Leeks
- Onions
- Potatoes
- Peas
- Strawberries
- Celery
- Broccoli
- Beetroot
- Beans
- Spinach



KIDS CORNER

Make Your Own Paint Brushes

make it yourself. CARDBOARD CONSTRUCTION SET



DIY sustainable activities for you and the kids...

- Make your own paintbrushes.
 - Recycled crayon rehab.
 - DIY bottle planter – Microgreens.
 - Don't throw out those toilet rolls, wrapping paper rolls or paper towel rolls. Turn them into rain sticks, rockets, construction sets, marble racetracks.
- Type in toilet roll craft into google or Pinterest to get some great ideas.

CONSIDER BIODEGRADABLE CONFETTI FOR YOUR NEXT EVENT...

Biodegradable confetti is easy to make, non-harmful to the environment, comes in all sorts of colours and can be customised to your event.

- How to make it?**
- Collect the materials you want. Gum leaves are a nice choice as they are hardy and come in a variety of colours.
 - Grab a hole punch or a craft punch and get punching!
 - Collect your confetti in reusable or biodegradable containers.



- Add a bit of aroma to your confetti by including dried rosemary, mint, or lavender to your mix.
- Add some rose petals to add a splash of colour.

Feature – sustainability in the home

Check out Lindsay Miles – Treading My Own Path on Facebook to follow her sustainability journey. Lindsay is the Author of "That's a Wrap" and "The Less Waste, No Fuss Kitchen" and an inspiration for those making the journey towards more sustainable living. She makes no bones about her dislike of waste and offers easy to follow tips and tricks to helping you reduce your waste footprint.

the Less Waste No Fuss Kitchen

Sustainable Garden Quest

Could your garden be a winner in KBULG's 2021 Sustainable Garden Quest?



KBULG's Sustainable Garden Quest has become an important annual spring event for those green thumbs that excel at sustainable garden practises. Making your garden sustainable is easier than you think and can make your garden easier to maintain in the future. Consider these points when you make the move from high maintenance to sustainable and low maintenance gardens.

washing detergent and use that grey water to water the garden.

Water Use

- Install a rainwater tank to make the most of the water that Mother Nature provides.
- Install underground retic or dripper hoses.
- Mulch your exposed areas in the garden and around plants to reduce water loss.
- Plant natives from your area – in the Goldfields there are many lovely native plants that look good and don't use as much water as non-natives
- Work on improving your soil health to improve water retention.
- Grab a catch cup from KBULG to measure how much water your sprinklers use.
- Do you have an evaporative air conditioner – make sure you use the water on your garden with a small sprinkler or set it up to drip on plants, don't let it go to waste.
- Switch to an environmentally friendly

newsletter featured in the *Kalgoorlie Miner*.

Sustainability

- Edible gardens are a great way to improve the sustainability of your garden.
- Learn your seasons and what to plant when to make the most of your garden.
- Improve soil condition with nice rich compost to help your edibles make the most of their growing time.
- Build in Earth-cycling systems into your garden routines like compost and worm farms. There are plenty of systems to try!
- Consider smart landscaping
- Where is your afternoon bombarding the garden? Plant tolerant and hardy species here.
- Lovely morning sun is great for your more sensitive species and your edible plants.
- Use your vertical space to grow your edibles and cover those hard man-made surfaces to prevent heat reflection.
- The winners of the 2020 SQG were announced in our Spring edition of the KBULG

The judges were really impressed by the abundance of edible plants, native species, and water wise gardening practices.

Water wise gardening

The 2021 SQG will kick off in September and entrants will be able to grab their entry forms from our website, on Facebook, by email or from the Nursery during opening hours. Judging will take place on Saturday the 4th of September and the winners will be announced in the Spring edition of the KBULG newsletter and on our Facebook page. Don't be a stranger, come and visit the Nursery located in Karlkurla Bushland Park where we can provide you with great advice on how to create an attractive, sustainable, and waterwise garden. We also have native Goldfields plants for sale which can be purchased during opening hours or on Native Plant Group days. To find out when Native Plant Group is on keep and eye on our Facebook page or jump on our website and download a copy of our 2021 events calendar.

CONTAINERS FOR CHANGE

How does it work? Kalgoorlie-Boulder has its very own Return-It depot located at 5 Brooks Way, West Kalgoorlie.

We recommend giving yourself a bit of time to make the journey as the containers are counted by hand on the spot. If you are unsure of what is eligible and not eligible check out the Containers for Change website.

Most aluminium, glass, plastic, steel and liquid paperboard drink containers between 150ml and 3L are eligible for a refund but a quick check whether they have the refund mark never hurts. No beer, wine, spirit or milk containers! Remember to take those lids off before you drop in your containers, lids of eligible containers are accepted at the facility, but they must be clean and free from any contaminants, same as the containers they have come from.

KBULG SCHEME ID C10285533

HELP KBULG BY DONATING YOUR CONTAINERS OR THE FUNDS RAISED BY RETURNING YOUR CONTAINERS. KBULG SCHEME ID: C10285533

Eligible Containers

Most glass, plastic, aluminium, steel and paper based cartons between 150ml and 3L.

Ineligible Containers

Containers not commonly found in litter, including all plain milk, flavoured milks, 1L and above, pure juice drinks, wine and spirit bottles, cordials.

Tips to be sustainable this winter...

- Remember that reusable coffee cup for your hit of caffeine in the morning.
- Cook delicious soups in bulk, freeze it in individual portions and take these to work instead of pre-packaged soup.
- Put up curtains in your house this winter to prevent the heat from escaping through those glass surfaces.
- Before you switch on the heater in your house do a clothing check. Are you rugged up with a jumper, socks and comfy long pants? No then go chuck some on and see how you feel after that.
- Rug up with nice warm doona and flannelette sheets to keep yourself nice and toasty in bed.
- Check there are no drafts escaping from your house and if there are plug them up to stop that warm air escaping.



A REMINDER – what not to put in your general rubbish

- Household chemicals
- Paint
- Furniture and white goods
- E-Waste
- Hot/warm ashes from your fireplace
- Batteries
- Gas bottles
- Old Mobile phones and charging cords



WORM FARM CARE



Worm farming is a worthwhile and enjoyable activity for all members of your family and an excellent way of diverting organic waste from landfill. If you are interested in starting a worm farm remember to give your worms a few days to settle in to their new home before you start feeding them.

Tips to taking care of your worms:

Keep an eye on the moisture level of your worm farm, it should be damp like a rung out faced cloth, too much water and your worms will drown and too little and they will dry out. If your worm farm is too dry give it a drink or add some scraps like lettuce that contain moisture and if it is too wet add some dry materials like a bit of shredded newspaper, egg cartons or straw to soak up some of that moisture. Would could be a sign that you are over feeding your worms. We suggest pairing worms with an alternative compost system if your household is producing more than the worms can handle. You can also speed up your worms feasting process by chopping up the food into smaller bite size pieces, this helps the worms munch through the food faster and prevents the dreaded mould.

Keep an eye on how your worms behaving, remember worms are homebodies and if they are trying to flee their home then something is not right. A common problem can be the acidity of the worm farm and this can be fixed by smashing up dried egg shell and adding it to the worm bin or using a worm and compost conditioner to balance out the pH.

Obeo EAT NO TO LANDFILL

LANDFILLS ARE NOT EFFECTIVE AT BREAKING DOWN FOOD WASTE. THE ANAEROBIC CONDITIONS RESULT IN THE EMISSION OF HARMFUL GREENHOUSE GASES SUCH AS METHANE.

RECYCLE YOUR FOOD WASTE TO DIVERT IT FROM LANDFILL AND REDUCE THE EMISSION OF THESE GASES

SAY NO TO PLASTIC WATER BOTTLES

Source: www.waecorp.com

PLASTIC BOTTLE PRODUCTION USES **151 BILLION LITRES OF OIL** EACH YEAR

AROUND **40%** OF BOTTLED WATER IS FILTERED TAP WATER

IT TAKES **3 LITRES OF WATER** TO MAKE 1 PLASTIC BOTTLE

100 MILLION PLASTIC BOTTLES USED WORLDWIDE EVERYDAY!

80% END UP IN LANDFILL OR THE OCEAN

ENVIRONMENTAL ORGANISATIONS LIST PLASTIC AS THE NUMBER ONE THREAT TO OUR MARINE ENVIRONMENT

500 YEARS FOR PLASTIC TO DEGRADE

2.5 MILLION TONS OF CARBON DIOXIDE PRODUCED IN MANUFACTURING PLASTIC BOTTLES EACH YEAR

ONLY 1 IN 5 PLASTIC BOTTLES ARE RECYCLED

FAUNA CORNER

Common Name: Barking Gecko
Scientific name: Underwoodisaurus mili

Description:
 Generally the barking gecko grows between 10-12cms, takes 18 months to reach adult size, and they weigh between 20 and 25 grams. These geckos are nocturnal coming out to feed a night and resting during the day. They vary in colour from light to dark brown pigment, to gold and orange, with irregular patterns of white to yellow raised tubercles, lumps, and a dense band of these spots around the neck. Their tale is distinctively plump which tapers at the end and at the base.

Occurrence:
 These geckos are found all throughout the Southern part of WA, and the wider area of Australia. Sometimes found in congregations of several adults and juvenile, these little geckos are quite social. They also like to huddle to avoid the damaging effects of extreme temperature highs and lows of the Australian climate. These little geckos can be found in Karlkurla Bushland Park but should be left to their own devices, so remember to look but don't touch.

Habitat:
 Found in a variety of habitats across Australia, in vegetation debris, rocky crevices and tree bark. They like to find a nice, protected spot during the day and come



out to hunt at night, preying on small to medium insects and sometimes even spiders.

Interesting facts:
 These geckos are named for the 'guttural barking' call that they make when they are threatened or annoyed and during the mating season.

UPCOMING EVENTS...

WORLD ENVIRONMENT DAY CELEBRATION
 June 2

NATIVE PLANT GROUP DAYS
 June 26, August 28, September 18, October 30

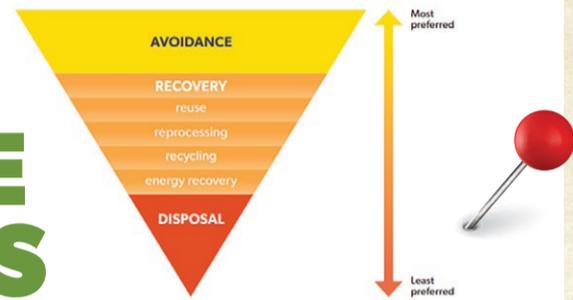
TREE PLANTING DAY
 August 1

SUSTAINABLE GARDEN QUEST - ENTRIES CLOSE
 September 1

SUSTAINABLE GARDEN QUEST - JUDGING
 September 4

WASTE WISE SCHOOLS

WASTE AUDITS



Get your school involved in the race against waste by holding a waste audit.

The first step to reducing your waste is to know what you are up against and the results may surprise you.

KBULG is your support team in Kalgoorlie-Boulder and we come prepared to help in your race against waste.

We bring all the necessary equipment and know how, all your school needs to provide is the waste and the helping hands to sort it all. A waste

audit is a great visual lesson for students and helps them understand what waste is generated by them and what can be diverted from landfill.

Great lessons for them to then take home with them. Contact KBULG to organise a Waste Audit for your school in Kalgoorlie-Boulder.

CELEBRATING WORLD ENVIRONMENT DAY

FREE COMMUNITY ACTIVITY

HELP US CELEBRATE WORLD ENVIRONMENT DAY WITH EVOLUTION MINING

CORNER OF GATACRE DRIVE & HART-KERSPIEN
 9:30AM - 11:00AM | 2ND JUNE 2021

Evolution MINING

City of Kalgoorlie Boulder

PARKING ON THE VACANT BLOCK OF LAND BETWEEN GATACRE DRIVE AND THE AIRPORT. ACCESS TO THE SITE VIA GRAVEL ROAD DIRECTLY ACROSS FROM THE O'CONNOR IGA.

LOOK FOR THE KBULG UTE

PLEASE BRING YOUR GLOVES, HAT, WATER BOTTLE AND TROWEL
 DON'T FORGET TO SLIP, SLOP, SLAP

WE NEED YOUR HELP TO WEED & INFILL PLANT AN EXISTING GREEN BELT WITH LOCALLY GROWN NATIVE SPECIES

FREE BBQ TO FOLLOW

PLEASE RSVP ALL WELCOME

Contact us
 KBULG Office: 0418 935 498
 Email: nursery@kbulg.org.au
 Facebook: /kbulg1
 www.kbulg.org.au

TRY THE WORLD ENVIRONMENT DAY BIODIVERSITY QUIZ



Time to renew your membership!

Join Kalgoorlie-Boulder's leading community environment group . . .

Name: _____
 Date: _____
 Address: _____
 Postcode: _____
 Phone: _____

To receive KBULG news the environmentally friendly way, please provide us with your email address
 Email: _____

MEMBERSHIP CATEGORY: (tick one)

Business \$100
 Financial Membership* \$10
 Social Membership (free) (Individual, junior or family)

Number of Adults: _____ Children: _____

*Financial Membership entitles you to have voting privileges and 10% off KBULG purchases.

If you volunteer with KBULG, here are some of the projects you can be involved in:

- Community Tree Planting Days
- Regeneration Zones
- Recycling Clean Up Days
- Bushwalks
- Gardening with Native Plants
- Flora and Fauna

I am interested in volunteering (please tick)

Comments: _____

RETURN TO: KALGOORLIE-BOULDER URBAN LANDCARE GROUP
 PO Box 8133, Hannans WA 6433
 Phone: 0418935498
 Email: admin@kbulg.org.au



Thank you to our valued sponsors

