



5<sup>th</sup> ANNUAL  
*Homescape  
Harvest Tour*

SATURDAY OCTOBER 17, 2015

10AM - 3PM



PROCEEDS SUPPORT WMG'S GREEN-LIVING CO-OP PROGRAM.



# HOMESCAPE HARVEST TOUR LOGISTICS

## FUEL UP ON TASTY TREATS AT THE LIVING LAB



### Start your Tour at the Living Lab

Peddler on the Path will be serving fresh coffee and espresso drinks from 9:30 - 11:30!



### Stop by the Living Lab for Lunch



Refuel at the Veg in a Box food truck and take a break in the shade from 11:30 - 1:30!

### FAQs

#### How does it work?

This is a self-paced tour, so you can visit the sites in any order between 10:00 a.m. and 3:00 p.m. on Saturday, October 17th. Choose the sites with your favorite features or try to visit them all—it's up to you! Explore each site for as little or as long as you'd like (within reason). Some of the houses may have pets. To avoid conflict please do not bring pets along on the tour.

#### How will I know I'm in the right place?

All the sites on this tour will post a sign reading: "Watershed Management Group Homescape Harvest Tour site", so you'll know you are in the right place.

#### What do I need to bring?

You don't need to show a ticket—but you will be asked to sign in at each site. Prepare to be outside: Bring water and a hat and wear sunscreen.

Some sites will offer light snacks, but you can plan your lunchtime stop at WMG's Living Lab to enjoy fresh eats from Veg in a Box food truck under the shade of our patio.



Take in the Tour sites by bike – see page 23

### Are you a solar, green infrastructure, or food fanatic?

We've highlighted these sites on separate maps to help you shape your tour route.



The future looks bright at sites that harvest the sun. See our solar sites on page 6.



Searching for shade on our streets? Find all the sites harvesting stormwater on page 15.



If you love a tasty harvest, check out the food lovers sites highlighted on page 19.



1137 N Dodge Blvd  
Tucson, AZ 85716  
watershedmg.org

Watershed Management Group develops and implements community-based solutions to ensure the long-term prosperity of people and health of the environment. We provide people with the knowledge, skills, and resources for sustainable livelihoods.



## 1. Mark

This environmentally-friendly estate in the foothills gets 100% of its power from the sun. Water harvesting is put to use to establish native trees and flowering plants, creating a lush and vibrant landscape. Mark says, "The entire WMG crew has provided the expertise and experience to make such a major project [transforming their foothills estate into a sustainable Eden] fun and enjoyable."

**Features:** Greywater, Rain gardens, Lawn replacement with native plants, Street-side stormwater harvesting, Solar water heaters, PV solar system, Native trees and habitat

## 2. Bill & Betsy

Bill and Betsy have been installing water-harvesting systems over the last three years at their home just north of Tucson and love to show it off to the public. The rain gardens and laundry-to-landscape greywater system installed by WMG is just a part of it. Solar and other DIY projects have transformed their home into something the neighbors talk about. Bill says, "Many of the ideas we have implemented have come from our experiences at other WMG Co-op workshops. Now our yard is a great place to enjoy a cup of coffee while reading the morning paper!"

**Features:** Rain tank, Rain gardens, Laundry-to-landscape greywater, PV solar system, Native trees, Pollinator-friendly plants



DESIGN - BUILD - MAINTAIN  
WATER HARVESTING  
XERISCAPING  
NATIVE & ARID-ADAPTED PLANT PALETTES  
WILDLIFE GARDENS  
ORGANIC MAINTENANCE



**ECOSENSE**  
LANDSCAPING

520.730.6153  
ecosenseAZ.com



# *edible*

BAJA ARIZONA



Your source for local food,  
urban homesteading, gardening,  
and news about our local foodshed.

Check out our Homestead section for gardening tips,  
recipes, planting schedules, and more.

Subscribe to have it delivered straight to  
your door every two months!

[EdibleBajaArizona.com](http://EdibleBajaArizona.com) • [facebook.com/EdibleBajaArizona](https://facebook.com/EdibleBajaArizona)



### 3. David

This west side home of a long-time WMG supporter and Co-op member is a showcase of sustainable desert living. With projects installed through WMG's Water Harvesting Certification Course and Co-op, a number of DIY projects, and extensive solar energy, this site has it all (or almost, anyway). The homeowner's "favorite element (and activity) is the outdoor shower." In addition to all the water-harvesting features, tour participants can learn about generating electricity from the sun and tons of other energy-saving home improvements. Get to this site early and you'll be treated to the famous solar oven chocolate chip cookies.



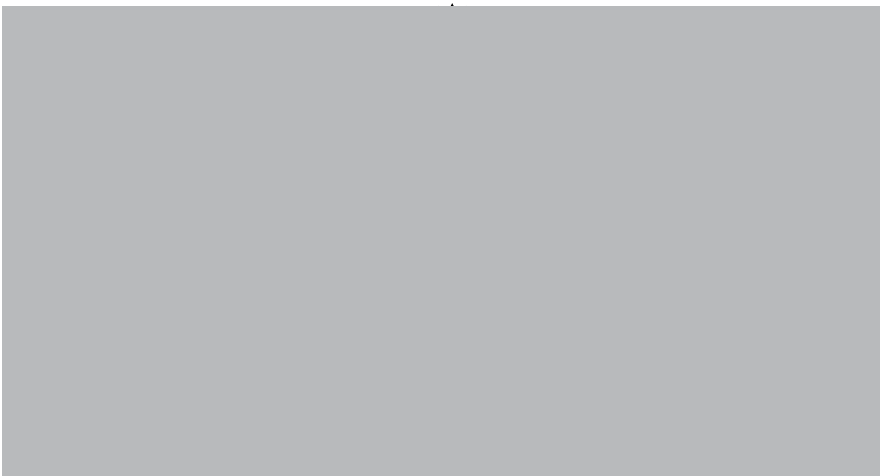
**Features:** Steel culvert cisterns, Rain gardens, Laundry-to-landscape greywater, Kitchen resource drain greywater, Outdoor shower, Organic food gardens, Compost, Native plants and habitat, Stone retaining walls for erosion control, PV solar system, Solar oven



### 4. Kate

With solar systems and water harvesting installed by Technicians for Sustainability, this homeowner has reduced her water and carbon footprints! Organic gardens thrive on the abundance of collected rainwater at this west side home. Kate says, "I just love that I have created a little sustainable oasis, inside and outside, with the help of TFS."

**Features:** Solar system, Solar hot water, Rain gardens, 10,000-gallon cistern, Rain tanks, Organic food gardens, Chicken coop



**Features:** Steel culvert cisterns, Ferro cement rain jar, Plastic rain tanks, Extensive rain gardens, Fruit trees, Large food-producing gardens including a greenhouse w/solar exhaust fan and 600-gallon aquaponic system, Chicken coop with laying hens, Desert tortoise habitat







**Sign up to view the maps!**  
**[watershedmg.org/hht2015](http://watershedmg.org/hht2015)**



**Enjoy the tour? Take part!**

**Go Solar** and become your own model of sustainability for \$0 down.



tfssolar.com | 520.740.0736





# QUALITY RAINWATER MANAGEMENT

Do you know where your water is going?

DESIGN

INSTALLATION

CISTERNS

CONSULTATION

EARTH  
WORKS



**520-369-2376**

P.O. BOX 41146 | TUCSON, AZ 85717 | [WWW.ETHOSRAINWATER.COM](http://WWW.ETHOSRAINWATER.COM) |



# CENTRAL

## 6. Peter & Terese

This home is well on its way to sustainability with 100% solar electricity, happy chickens in a backyard coop, and a 1,400-gallon rainwater cistern that collects water from the metal roof to support native trees and plants in an inviting courtyard. Come see this peaceful and inviting landscape with features installed by our tour partners, Ethos and TFS.

**Features:** Steel culvert cistern with metal roof and gutters, Earthworks, Native trees and plants, Chicken coop, PV solar system



## 7. Watershed Management Group **Living Lab and Learning Center** 1137 N Dodge Blvd Bus Route 4, 11



WMG's Living Lab and Learning Center is the cream of the crop! WMG staff will be giving tours so you can learn about all the systems in detail. Breaking news: the Living Lab is now water self-sufficient. That's right, we now have rainwater on tap and meet all our water needs with rainwater. WMG's educational center is also our office headquarters—14 staff are on campus regularly, using the composting toilet, outdoor shower, and solar oven. This office beats the pants off LEED standards! Bring the kids to enjoy the Raindrop Retreat, a children's playhouse featuring a rain tank, play kitchen with greywater, and sandbox for the kids to experience.

We'll have a food truck at the Living Lab from 11:00 to 1:30—so come enjoy lunch in our gardens.

**Features:** Rain gardens, Street-side stormwater harvesting, Steel culvert tanks, 10,000-gallon underground cement tank, Greywater-fed mini orchard and Sonoran food forest, Compost toilet and urinal, PV solar system, Outdoor shower w/ solar hot water, Solar oven, Native trees and edibles







## Barn-raising Sonoran Style!

*You provide the yard  
We provide the expertise  
The community does  
the labor*



**Join WMG's Green Living Co-op Today**  
[watershedmg.org/co-op](http://watershedmg.org/co-op)  
**520-396-3266**

WMG is a non-profit organization working for the prosperity of people and health of the environment



**Features:** Neighborhood parklet, Rain gardens, Native trees, Pollinator-friendly plants, Urban bird habitat



**403 N. SIXTH AVENUE**  
 TUCSON, AZ 85705  
[WWW. EXOCOFFEE .COM](http://WWW.EXOCOFFEE.COM)

OPEN 7:00AM - 6:00 PM EVERYDAY  
 FREE CUPPINGS SATURDAYS AT 1:00 PM

SPECIALTY ROASTED COFFEE  
 REGIONAL RECIPES  
 INTIMATE, HISTORICAL SETTING.



## 9. Danielle & Louis

It's been 3 ½ years since these homeowners got started, and this home is well on its way to meeting the homeowners' sustainability goals, thanks in part to solar installed by Technicians for Sustainability. Utilizing even the pool overflow, all the landscaping and gardens are 100% irrigated by rain and greywater! Danielle says, "It is so rewarding in the morning when I make our little girl an omelet consisting of eggs and veggies grown on site and watered exclusively by rainwater."

**Features:** Rain gardens, Salt-tolerant plant basin for pool overflow, Greywater, Four cisterns, Chicken coop, Fruit trees, Raised bed food garden and edible landscapes, PV solar system, Earthworm bin, Outdoor shower



## 10. Catlow & Lisa



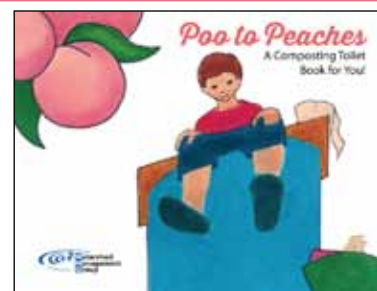
Come meet WMG's founders, Lisa and Catlow Shipek, and learn how they walk the talk at home. They are developing a Sonoran food forest with renewable water sources—a tall order in a yard with poor clay soil. They are constantly improving their soil with compost from the chicken coop, humanure from their composting toilet, and a urine diversion system that provides nitrogen to fruit trees. Plants are irrigated through a rain garden landscape, four rain tanks, and a variety of greywater systems—including a kitchen resource drain. Of all their features, their favorite is the solar-heated outdoor shower next to a large Meyer lemon tree.



New this year: The Shipeks remodeled their bedroom and added an off-the-water-grid half bathroom including a custom-built indoor composting toilet and simple sink design.

**Features:** Rain gardens, Food production, Ferro-cement cistern, Mulched driveway, Outdoor shower, Indoor & outdoor composting toilets, Kitchen resource drain greywater, Laundry greywater, Chicken coop, Compost, Fruit trees, Native trees, Pollinator-friendly plants


## Buy the book! Meet the illustrator!

Poo to Peaches, WMG's children's composting toilet book, is now available! Pick up your copy at the Shipek's house for \$10 and have it signed by the illustrator, Kim Afinowich.



*We Design, Deliver & Plant*



*Using Water Wisely In Gardens ...*

***At Civano Nursery We Know Plants!***  
 5301 S. Houghton Rd Tel: 520-546-9200 [www.civanonursery.com](http://www.civanonursery.com)

## 11. Sue

This beautiful midtown home features solar and water-harvesting systems installed by tour partners, TFS and Ethos. With native plant and food gardens, an outdoor shower, 100% solar power, and a variety of rain and greywater harvesting systems, there is a lot going on here.

**Features:** Steel culvert cisterns, Rain chain, Laundry greywater system with infiltration chamber, Rain gardens, Native trees and plants, Fruit trees, Outdoor shower, Veggie gardens, PV solar system



## 12. Maureen

When this midtown homeowner moved in a few years ago, she was astounded by the amount of water flowing down the street after even a small rain and wanted to capture some of it for herself! But she didn't stop with the water in her street—she added earthworks in her yard and greywater to the mix too. Maureen says, "I found working with the Co-op great. They are a very bright, energetic and committed group of individuals. I will definitely work with them again, and continue to refer them to people who (hard to believe) have not heard of their great works." With WMG's Co-op and rebates from Tucson Water she was able to complete projects that might have been put off until later and looks forward to adding a rain tank soon.

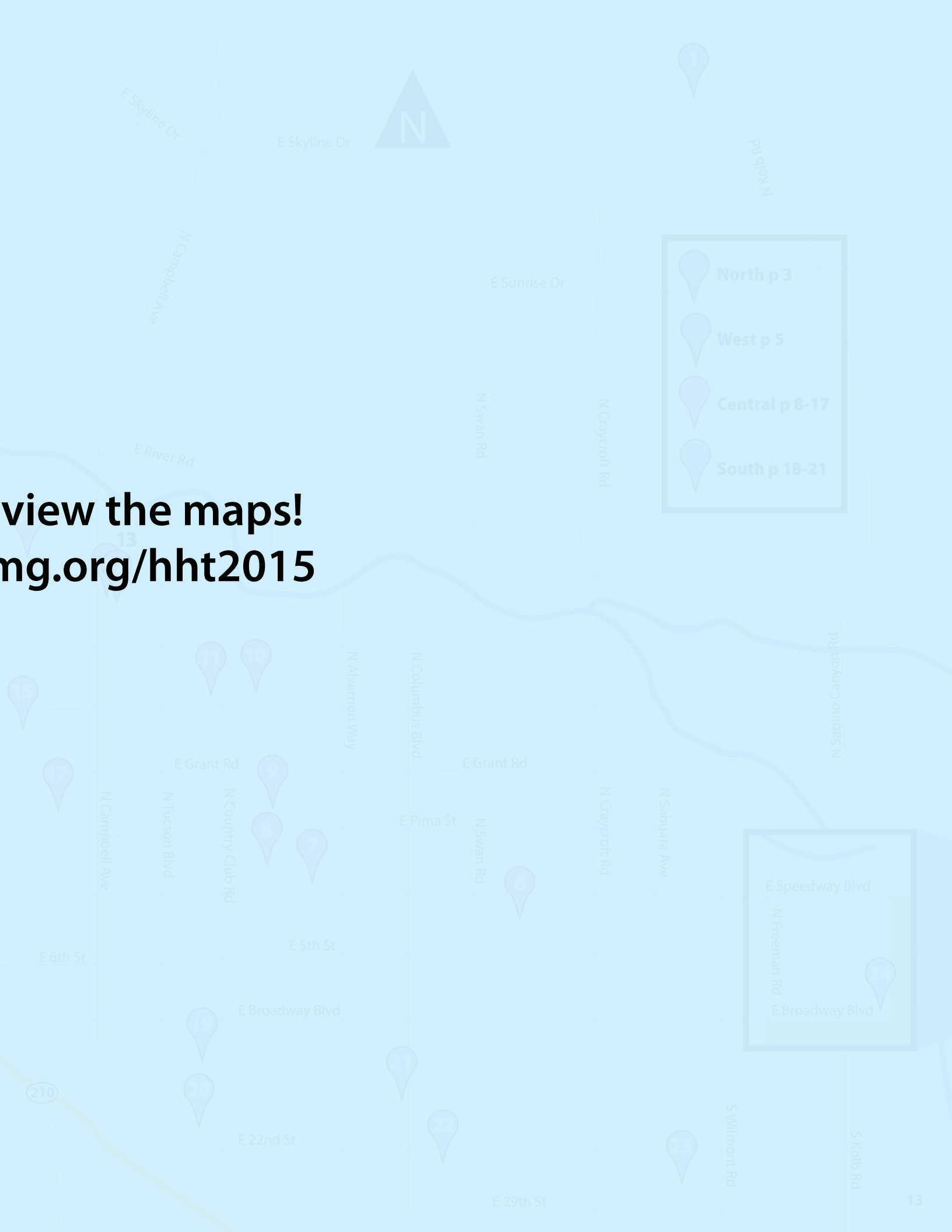
**Features:** Rain gardens, Street-side stormwater harvesting w/curb cores, Laundry greywater, Native trees







view the maps!  
[www.hht2015.org](http://www.hht2015.org)





## 13. Liz

Inspired by her neighbor and the projects she volunteered to install at other people's home through the WMG Co-op, this midtown homeowner was excited to finally get things rolling at her home. Utilizing existing driveway cuts allows her to harvest water from the street to grow shade and contribute to a more walkable neighborhood while improving her front yard environment.

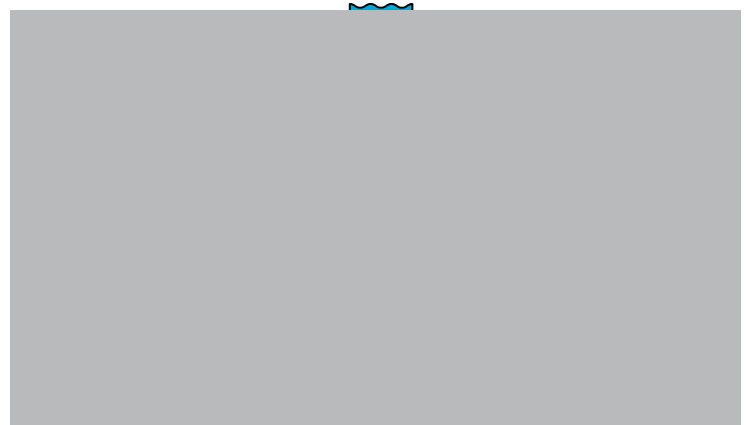
**Features:** Rain gardens, Street-side stormwater harvesting, Native trees, Pollinator-friendly plants



## 14. Kieran & Corin

This WMG staff member and his wife love to show off their central Tucson residence and share what is possible after just a few years of water harvesting. Kieran says, "I love all the free street runoff we harvest to create shade to cool our home and provide lovely native habitat and food for insects, animals, and people!" So stop by to be amazed at the power of mulch to transform a barren Tucson yard into a water sponge. This year you can check out a newly-installed solar system and a composting toilet in progress!

**Features:** Rain tanks, Chicken coop, Compost toilet, Street-side stormwater harvesting, Organic driveway, Native plants & habitat, Rain gardens, Fruit trees, PV solar system, Composting toilet (in progress)



**Features:** Street-side stormwater harvesting w/curb cores, Native trees, Urban bird habitat, Rain gardens





# GREEN INFRASTRUCTURE

**Sign up to view the maps!**  
**[watershedmg.org/hht2015](http://watershedmg.org/hht2015)**

## Gather rainwater...

- Save money on water bills
- Water yard to grow shade and food
- Improve neighborhood
- Prevent flooding
- Clean stormwater & air




**PIMA COUNTY**  
ENVIRONMENTAL QUALITY

**Stormwater:**  
[www.pima.gov/deq/water](http://www.pima.gov/deq/water)

**Low Impact Development:**  
[www.pima.gov/floodcontrol](http://www.pima.gov/floodcontrol)



## 16. Nicolas & Bonnie

These homeowners have worked to shape their 1970's ranch-style home into a miniature homestead in the heart of urban Tucson. With features installed through WMG's Co-op and a three-day, hands-on WMG training, this home has a lot to display. Using on-site and re-purposed materials has allowed them to transform their yard with minimal expense and environmental impact. Be sure to check out their urban oasis.

**Features:** Rain gardens, Ferro-cement cistern, Chicken coop, Solar clothes dryer, Compost, Swamp cooler condensate irrigation, Large vegetable garden, Laundry-to-landscape greywater



**Features:** Street-side stormwater harvesting, Native trees, Urban bird habitat, Walkability enhancements



**JOIN**  **C2E™**  
conserve to enhance

**FUND A PROJECT IN YOUR NEIGHBORHOOD**



**DONATE YOUR WATER SAVINGS AT**  
[conserve2enhance.org/tucson](http://conserve2enhance.org/tucson)  
**AND MAKE YOUR DROPS COUNT**

A promotional graphic for C2E. It features the text "JOIN C2E™ conserve to enhance" at the top, followed by "FUND A PROJECT IN YOUR NEIGHBORHOOD". Below this is a collage of five small images showing community projects: people working on a garden, a group of people, a large blue water-saving device, and a person standing next to a sign. At the bottom, it says "DONATE YOUR WATER SAVINGS AT conserve2enhance.org/tucson AND MAKE YOUR DROPS COUNT".



## 18. Ezra

This home fits right into Dunbar/Spring, Tucson's preeminent water-harvesting neighborhood. Watching the rain as it flows from the street to collect in large basins, discovering a full rain tank after a storm, and knowing that every load of laundry sustains citrus trees is deeply satisfying to this homeowner. Ezra says, "After two Co-op workshops at my house, my yard has significantly improved, and I am so thankful to WMG and the volunteers who made it all happen."

**Features:** Street-side stormwater harvesting w/curb cuts, Rain gardens, Laundry-to-landscape greywater, Native trees, Cactus & succulent garden, Vegetable garden, Fruit trees, Compost, Rain tank, Rain barrel



**Lil' John's Excavating, LLC**

**COMPLETE  
BACKHOE  
SERVICE**

Residential • Commercial  
Licensed, Bonded, Insured

John Litzel • Owner/Operator

**(520) 730-9350**

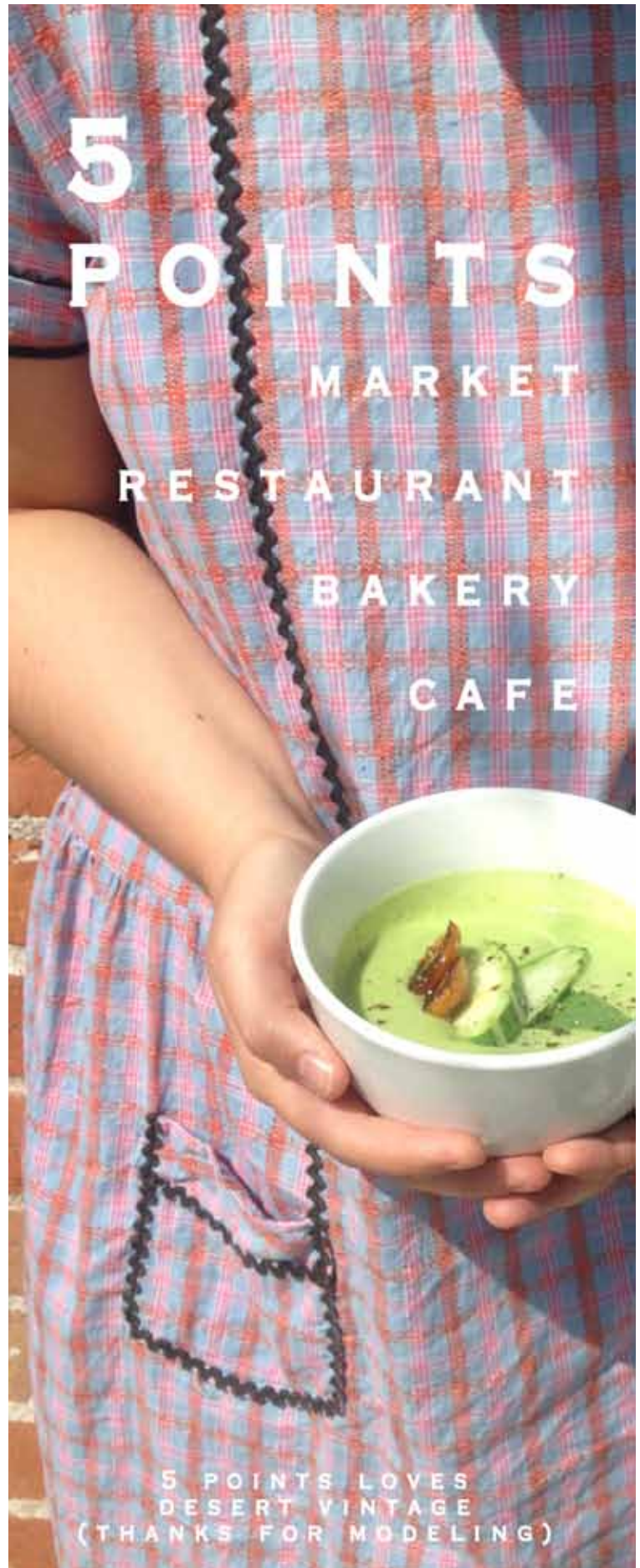
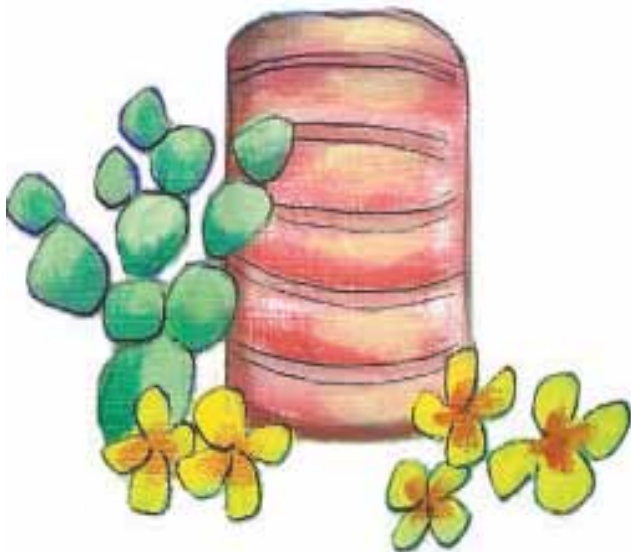


# SOUTH

## 19. Richard & Susan

This home of long-time WMG Co-op members offers a broad array of water-harvesting features with artistic flare—be sure to check out the murals on the rain tanks! Richard says, “We love the Co-op, and we love WMG! It’s been a great way to learn how to capture all the rainwater that falls in our yard to grow shade and Vitamin C, increase oxygen and reduce CO<sub>2</sub>.”

**Features:** Steel culvert cisterns, Rain gardens, Street-side stormwater harvesting, Greywater, Vegetable gardens, Worm & EM bokashi composting, Solar



## 20. Eric & Wendy

Watershed Management Group began helping these homeowners transform their yard through multiple workshops in 2010. Now they invite you to see their well-established site that features a wide variety of water-harvesting features, food production, and a uniquely designed spiral veggie garden over a buried swimming pool that was unearthed during a WMG workshop.

**Features:** Street-side stormwater harvesting w/curb cuts, Rain gardens, Chicken coop, Vegetable gardens, Laundry greywater, Fruit trees, Rain barrels, Steel culvert cistern



## FOOD LOVERS

**Sign up to view the maps!**  
[watershedmg.org/hht2015](http://watershedmg.org/hht2015)



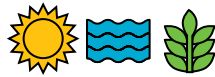
# SOUTH



## 21. Jan & Judith

Through WMG's Co-op and plenty of DIY projects, these homeowners have grown their site into a sustainable, pleasant, and private center for their outdoor lives. An inspiration to their neighbors, Jan says, "We love seeing what our neighbors are trying to do (and helping them do it!), and we love to learn from WMG."

**Features:** Steel culvert cistern, Plastic Bushman tank, Laundry greywater, Fruit trees, Outdoor shower, Rain gardens, Chickens, Veggie gardens, Bee house, Compost, Solar



**Features:** Steel culvert cisterns, Rain gardens, Street-side stormwater harvesting, Greenhouse, Veggie beds, Kino heritage fruit trees, Native trees and plants, Pollinator garden, Greywater, Fruit trees, Outdoor shower, Rain gardens, Chickens, Veggie gardens, Bee house, Compost, Solar

**WHEAT** | DESIGN GROUP  
LANDSCAPE ARCHITECTS

500 N. TUCSON BLVD. SUITE 150 | TUCSON ARIZONA 85716 | T: 520 884 7911 | WWW.WHEATDESIGNGROUP.COM

## 23. Susan

This east side homeowner ordered “the works” from the WMG Co-op. During three workshops from 2014 – 2015, WMG worked to install integrated water-harvesting systems, including rain gardens, laundry-to-landscape greywater, and a chain of three plastic rain tanks. Now Susan’s yard provides shade and native plants to welcome pollinators.

**Features:** Rain gardens, Plastic rain tank chain, Laundry-to-landscape greywater, Native trees, Pollinator-friendly plants



**Features:** Two cisterns w/combined capacity of over 10,000 gallons, Earthworks to harvest thousands of gallons of rainwater, Pollinator garden, Native landscaping and habitat exhibit, Tinaja habitat



**DESIGN • PRINT • MAIL**

*Premier specializes in printing for businesses including envelopes, business cards, postcards, mailers, brochures, flyers, newsletters, carbonless forms, full color printing, and digital copying (black & white or color).*

*We can also help you contact new and current customers through direct mail. Our automated bulk mailing service can reduce postage on your mailers to as low as 17¢ each plus saving you the time and cost of affixing labels. We'll even deliver your bulk mailing to the Post Office for you.*

*Call now for a free quote*

**520-322-0300**

*We also offer free pickup and delivery.*

*4949 East 5th Street  
Tucson, Arizona 85711*

*Visit our website at  
[www.premierprintmail.com](http://www.premierprintmail.com)*



# TANK'S ROLL OFF & RECYCLING FLAT-RATE ROLL OFF SERVICE

15-Yard: \$150

20-Yard: \$175

30-Yard: \$200

40-Yard: \$250

*Lowest tipping fees in  
Tucson for Tank's Roll Off  
& Recycling Customers!*

[TanksRollOff.com](http://TanksRollOff.com)

**290-1421**

*ALL materials are sent to our recycling facility!*



## TANK'S GREEN STUFF™

ORGANIC COMPOST  
GARDEN BLEND, MULCH,  
DECORATIVE WOOD CHIPS,  
AB CONCRETE, SAND & MORE

[www.TanksGreenStuff.com](http://www.TanksGreenStuff.com)

# The Fairfax Companies

We Provide LEED Documentation. Accepted materials vary by location.

520.290.9313 | [www.TheFairfaxCompanies.com](http://www.TheFairfaxCompanies.com)





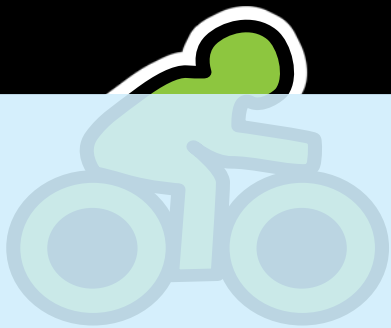
**Schedule a site visit with our design professionals today.**

Let us plan your water-harvesting, food-growing, shade-producing landscape.

**520-396-3266**  
**watershedmg.org**



## **JOIN A GUIDED BIKE TOUR!**



WMG is leading cyclists on a tour to select sites this year. For a 15-mile route, meet at Lisa & Catlow's house (p. 10) at 10 am. We will stop for lunch at WMG's Living Lab—bring your own or visit the food truck we'll have on site. The bike route will end at Manzo Elementary on the west side. You can visit more sites on your own, jump on transit from there, or park a car at Manzo.

**Sign up to view the maps!**  
**[watershedmg.org/hht2015](http://watershedmg.org/hht2015)**





# Edible Shade

## MESQUITE PANCAKE BREAKFAST

SUNDAY, NOVEMBER 22, 9AM – 12PM,  
WMG'S LIVING LAB: 1137 N DODGE BLVD



*You can have your shade—and eat it too!*

Come celebrate the delicious shade of mesquite, pomegranate, olive, and other edible native and desert-adapted trees. Enjoy live music, an artisan market, and educational presentations as you explore sustainability practices in action at WMG's Living Lab and Learning Center. Bring the whole family—and come hungry for a tasty Tucson tradition with the Mesquite Pancake Breakfast!

RSVP AND INVITE YOUR FRIENDS AT [FACEBOOK.COM/WATERSHEDMG/EVENTS](https://facebook.com/watershedmg/events)

SKIP THE TICKET LINE! PRE-PAY FOR PANCAKES AT [WATERSHEDMG.ORG/PANCAKES](https://watershedmg.org/pancakes)



Thanks to our sponsors:

