



Rain Water Harvesting and Greywater Reuse Resources

Rain Water Harvesting Rooftop Collection Estimation:

1 inch of rainfall on 1,000 sq.ft. roof could collect 600 gallons of water

Workshops:

Check the U of A Pima County Cooperative Extension web site for upcoming classes

Harvesting Rainwater for Landscape Use

Pima County Cooperative Extension Office, 4210 N Campbell Avenue

Call Teri at 626-5161 to register

<http://cals.arizona.edu/pima/smartscape/index.html>

Watershed Management Group, Inc. – Free hands-on water harvesting and greywater workshops and Co-op Program (see below for more information). 396-3266 <http://www.watershedmg.org/>

Web Sites, Books, Resources:

Rainwater Harvesting (RWH)

- ARCSA - American Rainwater Catchment Systems Association www.arcsa-usa.org/arcsa.htm
- City of Tucson Water Harvesting Guidance Manual and CD-ROM available on-line to download at <http://www.dot.ci.tucson.az.us/stormwater/education/waterharvest.cfm> or <http://www.ci.tucson.az.us/water/harvesting.htm>
- Harvesting Rainwater for Landscape Use University of Arizona Pima County Cooperative Extension. Available from Tucson Water at 791-4331 or on-line <http://www.ci.tucson.az.us/water/harvesting.htm>
- **Watershed Management Group, Inc.** – Tucson based non-profit that helps install rainwater harvesting systems for educational-based projects. Free hands-on water harvesting workshops, consulting, Co-op (attend workshops to learn and assist in constructing home systems including your own home after attending four workshops). 396-3266 <http://www.watershedmg.org/>
- Rainwater Harvesting for Drylands Author Brad Lancaster's book is available on his web site below and locally at Native Seed Search on 4th Avenue.
Great web site with lots of information and other resources <http://www.harvestingrainwater.com/>
- Rainwater Harvesting for the Mechanically Challenged, Suzy Banks & Richard Heinichen
- **AZ Dept. of Revenue Tax Incentive Revised May 2008 to include RWH**
25% of costs up to \$1,000 for residential
\$200/home builder http://www.azdor.gov/Refunds%20and%20Credits/Graywater_credit_implementation.pdf

Greywater

- **Watershed Management Group, Inc.** – Tucson based non-profit that helps install water harvesting systems for educational-based projects. Greywater Co-op – attend workshops to learn and assist in constructing home systems including your own home after attending four workshops. 396-3266 <http://www.watershedmg.org/>
- **The Water Conservation Alliance of Southern Arizona (Water CASA)**
626-2678 Water CASA web site: www.watercasa.org
- Create an Oasis with Greywater, Art Ludwig.
Oasis Design web site: Oasisdesign.net/greywater Santa Barbara, CA 805-967-9956
- **AZ Department of Environmental Quality (ADEQ)** Marci Mullins (602) 771-4464. No permit needed for residential properties but commercial properties require a Type 3 Reclaimed Water Permit and subsurface irrigation for >400 gallons/day of greywater. <http://www.azdeq.gov/environ/water/permits/reclaimed.html>

Water-harvesting earthwork / water-harvesting landscape creation

New Sonoran Rainscapes
Kent Sorensen 624-9909
mrmesquite868@aol.com
www.newsonoran.com

Wildworks Landscapes Incorporated
Russ Buhrow and Dottie Motheral
743-1309

Wildscapes
Scott Knight 325-2444
wildscapes89@msn.com

Greywater Installers

Technicians for Sustainability
Lisa Lucking Hoffman or Kevin Koch 740-0736
www.techniciansforsustainability.com

Greywater Supplies

Harrington Company
4141 E. Tennessee Ave. 745-8433
Hose, pipe, fittings for adapting tanks and culverts for rainwater and greywater storage and delivery

Irrigation & Sprinkler Supply Company
2130 E. 12th St. or 5120 N. La Cholla 792-4652 292-6900
Grey pipe for conveyance of greywater, also all types of irrigation supplies

Integrated Rain Water Harvesting & Greywater Design

Technicians for Sustainability
Kevin Koch or Lisa Lucking Hoffman 740-0736

Brad Lancaster 882-9443

Barbara Rose (Residential & Community Design) 572-7221

Site/Soil Assessment for Kitchen Resource Drain (KRD) and Other Alternative Homescale Wastewater Reuse Systems

Nichols On-Site Engineering, 5010 W Sweetwater Dr., Tucson 85745 743-1565

State Tax Incentives for Greywater and Rainwater Harvesting Systems

AZ Dept. of Revenue Tax Incentive

▪ 25% of costs up to \$1,000 for residential; \$200/home builder stub-outs for Greywater
http://www.azdor.gov/Refunds%20and%20Credits/Graywater_credit_implementation.pdf

<http://www.azdor.gov/>

<http://www.azdor.gov/Refunds%20and%20Credits/graywaterchoicesmenu.htm>

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Water Harvesting Design and Consulting

- Rocky Brittain (Commercial and Residential) 621-6751
- Barbara Rose (Residential) 572221
- Lisa Lucking Hoffman (Residential) 8614741
- Zona Gardens - Scott Calhoun 867.8038 Fax 520.867.8039 www.zonagardens.com Landscape Design, No irrigation gardens.
- Watershed Management Group, Inc. 396266 <http://www.watershedmg.org/>

Cistern Sellers & Install

Boyd Equipment

3625 S. Country Club 72244
www.boydco.com

Norwesco tanks and fittings for adapting tanks for rainwater and greywater storage and delivery.

New Sonoran Rainscapes

Kent Sorensen 52024-9909 or
www.newsonoran.com

Harvesting rainwater in sustainable landscapes. Installs cisterns, landscape design, & Earthworks.

Clean Water

Brent Cluff

1881 W. Prince 29561. Sells tanks ranging from 100 gallons to 3,000 gallons

Oasis Water Harvesting

Rick Weisberg, 4921 E. Hillcrest Dr. Tempe, AZ 85615 5204-7681

www.oasisrainwaterharvesting.com

Sells rain chins, Norwesco tanks custom made plastic tanks of varied sizes and colors. Installs cisterns.

Freeway Tank Sales

1412 S. Freeway (10 Access Rd. near 22 St.) 6232573 www.freewaytanksandpumps.com
35-10,000 gallon plastic and metal tanks

Southern Arizona Rain Gutters

8987 E. Tanque Verde Rd. #3097 299RAIN (2997246) Sells Bushman plastic tank systems. Installs cisterns.
www.southernarizonaraingutters.com

Glas-Tek

Chuck McCain 5041 E. Corona Rd. 88981
Fiberglass tanks

Loomis Tank Centers

2610 E. Ganley Rd. 88938
Sells tanks HDPE plastic tank 300-10,000 gallons

Technicians for Sustainability

Lisa Lucking Hoffman or Kevin Koch 520 7400736 Installs cisterns.
www.techniciansforsustainability.com

Native Roots

Omar Ore Giron 425-9795
Earthworks and Rainwater Harvesting

There are various on-line tank dealers that will deliver. Make sure to consider the sun exposure if considering a plastic tank. Here are few dealers search the Web to find more:

<http://www.watertanks.com/>
<http://polytanks.net/>
<http://www.plasticmart.com>
<http://www.tank-depot.com/>

Mechanized water-harvesting earthwork creation/excavation

John Litzel of Little John Excavating 520730-9350
Goodwillie Earthworks 520490-6956

Major source of information: Rainwater Harvesting for Drylands and Beyond by Brad Lancaster
Rainwater harvesting resources in Tucson 061308