

The "DIG IT" News



A PUBLICATION OF THE HIGHLAND LAKES MASTER GARDENER ASSOCIATION

The next scheduled Master Gardener General Meeting is noted below:

WHEN: 3rd Tuesday
July 17th, 2012

TIME: 3:00-5:00 p.m.

WHERE: Francesco's Italian
Restaurant— 701 N. US 281,
Marble Falls, TX 7864

1 Hr. of AT credit; 1 Hr. Volunteer Sv

TOPIC: "Establishing a certified Wildlife Habitat on your property". Dr. Elayne Lansford, Ph.D. Certified Wildlife Habitat Steward, will guide us through the process of providing wildlife habitat on our properties, with emphasis on plants to incorporate to be successful in times of drought.

Plan ahead, bring a bottle of wine and plan to dine Italian that evening as our way of saying "Thank You" to Mikey for giving us a place to meet this year for absolutely no cost to Master Gardeners. She will offer lunch menus as well as the dinner menu for those that might want a lite fare.

"HATS OFF"

President's Corner—Warren Struss

As I take a moment and reflect on the month of June, 2012 our HLMGA should be very proud of the work it accomplished. The Burnet County Fair was a huge success this year; hundreds of visitors to the Fair were treated to over 700 entries of all kinds. Incredible works of photography, arts and crafts, fine arts, potted plants, preserved foods, quilting, vegetables, aprons and so many other items were entered for judging and viewing. The Fair has become another true signature event for the HLMGA; so many volunteers gave their time and talents to making the Fair a destination for Burnet County. The fair included new activities to get the kids involved this year which added so much to the Fair. My **HATS OFF** to Rose Lackey for her amazing energy and leadership, we owe Rose and her Fair committee a huge thank you for bringing

back this ole time tradition. During my time volunteering, I saw more than 20 HLMGA volunteers and committee members hard at work ensuring the success of the Fair. On a personal note, I thought I had 1st place wrapped up for my onions; however, I got beat by the most beautiful garlic you have ever seen. O well, as any good Aggie knows there is always next year.

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WATCH YOUR WATER WELL IN DROUGHT



By WADE HIBLER
COUNTY EXTENSION AGENT

No one can have a garden without water. A good water well is often the only source many have to water their lawns, gardens and other outdoor areas.

During periods of severe drought, groundwater resources are relied upon to provide water. The combination of increased pumping and the loss of recharge often results in lowered water table elevations. It should be noted that some aquifers are less reliant on recent recharge and/or may be responding to climate conditions that occurred during decades prior to the current drought. Regardless of the cause of lowered water tables, there are several best management practices recommended to protect your water supply.

Monitor your pump. Rapid cycling of the pump on and off over short periods of time is the result of lowered water tables and slow static water level recovery. Rapid pump cycling will burn out the motor. Heat generated by a submersible pump in lowered water tables can damage the drop—pipe if it is constructed of PVC. Allow your pump to rest or, if possible, throttle-down your pumping rate. If pumping causes the sound of ‘sucking air,’ shut down the pump and allow it to rest. When the water table is drawn down below the pump intake, the well may begin to produce sand. If you notice sand in the toilet tank, the well is in danger of going dry and the pump will likely be damaged. A milky appearance of the water that clears upon standing also can occur when the pump draws air and may be an indication that the water level has dropped. Depending on the overall depth of the well, lowering the pump may be an option. Check with a licensed pump installer. The Texas Department of Licensing and Regulation maintains an online database of licensed well drillers and pump installers; the list is available through <http://www.license.state.tx.us/LicenseSearch/>.

As the water table drops and pulls air (oxygen) into the aquifer, the chemistry of the water will change. Sometimes exposing the aquifer to oxygen dissolves naturally occurring arsenic and may cause arsenic concentrations to increase. For example, if well water normally contains low concentrations of arsenic, expect concentrations to increase during drought and plan to sample the well water on a regular basis during and after the drought. Concentrations of other water quality parameters, such as TDS (salinity) may also change.

Lowered pumping rates and storage may protect well equipment and your groundwater resource. Working with neighbors to schedule common or heavy water use may help. For example, if everyone in a neighborhood typically does laundry on Saturday, wells may begin to go dry Sunday. Distributing the schedule of heavy water use over the week may allow individual wells to recover and sustain water supply in your neighborhood.

Practice water conservation to protect your groundwater resource during times of drought.

BURNET FARMER'S MARKET MAY & JUNE 2012

BY LAVONA FRY

May 2012

Burnet Farmers Market opened on May 5th. We have had a record month with 3522 customers, and 25 to 27 vendors each week. We did have a few attractions happening on the square which really made us successful. Different vegetables come in each week, we all know with no rain coming that will change things for the growers.

I want to thank all the volunteers that helped at the market in May. Jon Zubkus, Janice Hulse, Mitzi Reneau, Bob Caruthers, Lorraine Fletcher, Jim Chapman, Cal and Pat Harmsen, Melissa Duckworth, and Dan Nutter. The market can't be a success without all the Master Gardeners helping. Thanks to the Master Gardeners that do support our local farmers.

June 2012

Burnet Farmers Market had another successful month. We have vendors that come in a few weeks and they leave for vacation and someone comes, makes every Saturday a big surprise. Tomatoes are really showing up, also watermelons, and some okra. Black-eyed peas will be ready soon. A big Thanks to everyone that has worked the market this month. Barbara Booth, Cal & Pat Harmsen, Sue Hill, Quanah Green, Jim & Bob Ann Rossi, Jose Overton, Dennis Ellison, Terri Berhrmann, Bob Caruthers, Lori Fletcher, Lois Farris, Jon Zubkus, Noveleen Parker, Warren Dold and Dan Nutter. What a great team of workers.

I am scheduling August now and need a lot of help. I need three on August 4, four on the 11th, 1 on Aug 18th and 2 on 25th. Please check your calendar and give me a call. It is getting hot now so with more help we don't get as hot. If anyone would like to just come in to help set-up for a couple hours that will work also, but I need to put you on the schedule. Thanks again, Lavona Fry 512-756-0834



May 26-Dan Nutter with
Motorcycle Hearst



New Vendor—French Bakery from
Austin provides items freshly
baked at 5 a.m. to buy



David Payton selling bird-
houses to our MGs



Mary Woods selling Veggies

Photos by Lavona Fry
(con't on Page 6)

DR. DEB TOLMAN AND HER KEYHOLE GARDENING

BY SHARON JENSON

Highland Lakes gardeners learned all about Keyhole Gardening from Dr. Deb Tolman on her recent visit to the Marble Falls Helping Center Garden. Dr. Deb shared her thoughts on growing cycles with Master Gardeners. She said we have two optimal vegetable growing seasons, January through June, and July through December.

To overcome the challenging Hill Country climate, she recommends building a Keyhole Garden. As part of her presentation to the community, she led the Master Gardeners as they built a



Keyhole Garden at the Helping Center. If you drove by during the presentation, you might have wondered what people were doing jumping in a circle of rocks. Actually, after the rocks were stacked and mortared, a wire mesh cylinder was placed in the middle. It will be used for table scraps to provide nutrients in the garden.

Then, wet cardboard, newspaper, green clippings, manure, were layered and “packed down with feet energy” to create the planting surface. Dr. Deb shared that one keyhole garden was planted with 70 tomato plants. She planted another with 6 fruit trees, all being fed by this unique garden system. Our Helping Center Garden has 20 squash plants and 1 pepper plant growing now!



To construct a keyhole garden, start with a 6-foot diameter circle which defines the outside perimeter of the 3 foot deep gardening structure. The center of the garden includes a 1-foot in diameter mesh basket that's used for continual composting. The key to the ease of



using the structure is the notch, shaped like a piece of pie, which allows access to the compost basket. The birds-eye view of the structure resembles a keyhole. For detailed info about Dr. Deb's Keyhole Gardening concept, go to <http://www.texascooppower.com/texas-stories/nature-outdoors/keyhole-gardening>. You can also go to her website at www.debtolman.com.



The Helping Center Garden is always looking for community volunteers to assist with watering and maintaining the garden, located at 1315 Broadway St (at N St.), one block south of the HEB. It's a great way to learn more about best gardening practices.

Contact Pete at nrstds@verizon.net for more information. And be sure to drive by and see the Keyhole garden— and what's growing in that pile of nature's leftovers!



HIGHLAND LAKES PREGNANCY CENTER

NEW PROJECT IN KINGSLAND

BY LINDA POERNER

Thank Goodness for a little rain! The new project of landscaping around the sign at the Highland Lakes Pregnancy Center on Nob Hill in Kingsland is underway and nearly complete. In May the Board approved a short-term project to give the Pregnancy Center a little facelift. Working on mostly granite gravel and no soil to speak of, the first few weeks, after digging up the ground to get rid of weeds and some Bermuda grass, consisted of preparation and composting. Plants donated by members are struggling against the elements, but the rains have helped. A few plants were purchased that were larger and more established. The project required low maintenance and sun tolerant plants because of the location. JoAnn and Gene Blalock, directors at the Center, supplied a drip irrigation system that should help get the plants established.

The committee members, Lois Farris and Linda Poerner, would like to thank all who helped with much needed advice, help, and plants. Donated plants came from Susan Nye, Sharon Jenson, and Robert and Sheryl Yantis. Robert and Sheryl showed up at just the right time to deliver a truck load of mulch from KMUD. This will be an on-going project until August 31, then it will be turned over to the volunteer staff at the Center. A folder containing pictures of the flowers in the garden, plus instructions for maintenance, was left at the Center for future reference. Several directors have stopped by to express their appreciation to Highland Lakes Master Gardeners for helping out at the Center. The entrance looks better already and most of the plants haven't even begun to blossom.



(Farmer's Market Continued from Page 4)



Burnet County Fair Judges for the Vegetables
June 7, 2012. Left to right Ann Bybee,
Kitty Rawlings and Karen Wilkens



Left to Right Dan Nutter, Bob Caruthers,
Front row Quanah Green, Lori Fletcher,
Mike (Prickly Pair Farm) Jon Zubkus and
Lavona Fry

The July/August issue of Texas Gardener Magazine includes
an article entitled "Rose Lady of the Llano Estacado" by
Suzanne Labry.

(Continued from Page 1 by Warren Struss)

Shortly after the fair was over, the HLMGA at its June monthly meeting was treated to one of the best programs ever. My **HATS OFF** to Karen Wilkens, our Vice President, and all the Master Gardener volunteers for coordinating the intriguing and captivating program entitled Keyhole gardening. Dr. Deb Tolman from Clifton, Texas presented a fascinating presentation on sustainable gardening known as Keyhole gardening that will make you question how you are gardening currently. After the presentation to our general meeting, Karen arranged another workshop the following day at the Helping Center. This program was enjoyed by a huge crowd of interested gardeners and other visiting public. There is no doubt that everyone in attendance left Dr. Tolman's workshop with excitement and enthusiasm for another alternative gardening option. Now if I could just find a few rocks on my place, Colleen said she would build us a Keyhole garden. Certainly can't turn down that offer.

In closing, if you will join me in keeping all Master gardeners who are facing life's challenges in our thoughts and prayers. Until we meet again, please keep your hands in the soil and your spirits high.

NOTICE

HIGHLAND LAKES MASTER GARDENER ASSOCIATION THIRD QUARTER EXECUTIVE BOARD MEETING AGENDA

When: Tuesday July 10, 2012

Time: 1:30pm – 3:00pm

Where: IBC Bank Conference Room, 2401 N. Hwy 281, Marble Falls, Texas

The 2012 Master Gardener Executive Board in accordance with approved by-laws has scheduled the Third Quarter Meeting of the Board to discuss and take appropriate action on new business.

Agenda items for discussion and possible action are as follows: Recognition of Dr. Ray Buchanan's leadership and coordination of 2012 training class. Discussion of upcoming 2013 training class opportunities and training class refund policy. Discuss the need and possible purchase of computer equipment for HLMGA presentations and programs. Discuss with our Agri-life agent, Mr. Wade Hibler any opportunities and challenges for our Master Gardener Association in the upcoming year. Discussion may also occur on items as forwarded by any member of the Board.

**HIGHLAND LAKES MASTER GARDENER ASSOCIATION
MINUTES OF JUNE 19, 2012 GENERAL MEETING
3:00-5:00 P.M. AT FRANCESCO'S ITALIAN RESTAURANT
MARBLE FALLS, TEXAS**

Attendance: 62

Agenda:

Call to Order

President Warren Struss called the meeting to order at 3:05 p.m. and welcomed those attending, reminding all to sign in.

Welcome Guests

Guests at the June 19 meeting included Cynthia Chisolm's husband, Joe Chisolm, and Terri Whaley's neighbor, M.J. Hansen, a new Master Naturalist.

Program: 1 hour Advanced Training (AT); 1 hour Volunteer Service (VS)

Vice-President Karen Wilkens introduced Dr. Deb Tolman of Clifton, Texas, who—in her own words—has “a lot of formal education” (including a Ph.D.). Dr. Tolman insisted, however, that most of her gardening expertise was developed *after* she moved to Texas.

In her talk on June 19, she covered basic concepts of keyhole gardening, inviting both Master Gardeners and community members to attend her hands-on workshop and PowerPoint presentation the following morning, June 20, at the Marble Falls Helping Center Garden and the Crossview Baptist Church, respectively.

Keyhole gardening is becoming increasingly popular, especially in Texas with its recent record heat and drought. A singular advantage of keyhole gardening is that it allows one to garden MORE *early* in the season (January–June) as well as *late* in the season (September–November). This assures greater productivity and, in essence, makes possible *two* gardening seasons per year, rather than only one.

Dr. Tolman asked the audience what a gardener typically does during June, July, and August. The answer, of course (at least in Texas), is “water, weed, try to keep plants alive, and battle pests.” Dr. Tolman suggested a less strenuous alternative: The gardener should begin on January 1, rather than wait until March or early April—and, on June 1, rip everything out. That way, he or she doesn't have to work as hard during the hot summer months, but can, instead, add compost, amend the soil, and not have to worry about watering. Pest problems can be avoided with early- and late-season gardening, and, with a keyhole garden, the soil does not need to lie fallow. The gardener can then begin a “second” season in September.

Dr. Tolman advised using only heirloom plants in a keyhole garden—the seed will produce the *same* plant year after year; heirloom plants are hardy; and more of the plant can be eaten. She defined a keyhole garden as a “hot composting vessel,” adding that bottom heat is essential, as are air and water in between layers of cardboard and newspaper. Not one ounce of native soil is used! Finally, Dr. Tolman provided dimensions for, a range of desirable temperatures for, and a working model of a keyhole garden—all to be explained in greater detail at the workshop on June 20, as well as in her DVD.

On behalf of HLMGA, Karen thanked Dr. Tolman for her knowledgeable, enthusiastic presentation. A question-and answer period followed at the break, during which time HLMGA members could pre-register for the workshop and/or purchase copies of the DVD.

Break

Approval of May 2012 Minutes

Minutes of the meeting held May 15, 2012, were approved as published in “The Dig-It,” June 2012 (motion, Rose Lackey; second, Sheryl Yantis; unanimous vote).

Minutes of HLMGA Monthly General Meeting, Tuesday, June 19, 2012 — Page 2**Approval of Treasurer's Report**

The treasurer's report for May was also approved as published in "The Dig-It," June 2012 (motion, Rose Lackey; second, Sue Lilley; unanimous vote). Treasurer Donna Maier reminded members that, as a non-profit organization, the Highland Lakes Master Gardener Association will not pay sales tax on purchases. Many retailers in the Marble Falls area have the tax-exempt ID number for HLMGA.

Other Business:**Granting Cycle—Legacy Community Fund**

Warren called members' attention to an opportunity for project chairs through the Legacy Community Fund. Grants of \$2,500 are made to specific *projects* of non-profit organizations, not to the organization itself. Warren suggested that project chairs who are interested contact Sammye Childers or Suzanne Labry, both of whom have experience in writing grant applications.

Farmers Market—Record Attendance

Lavona Fry reported a record crowd of **1,850 people** on May 19, the third Saturday in May. "There was also a garage sale that day, and I'm sure that brought people out," Lavona remarked, "but they were all over the Square like ants!"

Rose Lackey saluted Lavona for her outstanding leadership of the Market and urged *all* Master Gardeners and new associate members to sign up to help. The Market is held every Saturday, 9 a.m. until 1 p.m., from early May through mid-November, on the Burnet Square. It has grown tremendously over the years, and, in 2012, boasts several new vendors as well as long-time favorites. Lavona appealed for help especially during the month of July.

Grant Recipient—Helping Center *and* Helping Center Update

Pete Smith announced that the Marble Falls Helping Center was one of 25 organizations recently awarded a \$1,000 grant from Pedernales Electric Cooperative. Another grant may become available in October. Pete remarked on the "many great volunteers" from various organizations who have assisted the Helping Center.

The Helping Center *Garden* also needs volunteers. Already in 2012, the Garden has yielded 138 pounds, 7 ounces of produce (as of June 18). Proving to be challenges this year are squash bugs and grasshoppers.

The retaining wall for the Garden will be refined and improved by engineers, and Home Depot is volunteering labor for the wall. Pete thanked all who have given time and effort to the Center, expressing his view that HLMGA's involvement has enhanced the reputation of Master Gardeners throughout the Highland Lakes area.

2012 Burnet County Area Fair a Huge Success

Rose Lackey attributed the success of this year's Fair to the "wonderful committee" that included several Master Gardeners. The total number of entries this year was 727, as compared with ~400 in 2011. The Burnet County Rodeo, held the same weekend (June 8–9), was also well attended, and as the date grew near, representatives of the Rodeo worked closely with the Fair Committee to ensure cooperation.

Get Well!

Sue Kersey announced that Carol Kowing was recently treated for cancer at the Mayo Clinic but is now back at home in Iowa. Sue promised to forward to the membership an e-mail from Ben, Carol's husband and a new Master Gardener associate member, that includes their Iowa mailing address. Cards, thoughts, and prayers for Carol will be appreciated.

Lavona Fry is doing well after a heart procedure earlier in June, and Carol Nicholson is recovering nicely from knee replacement surgery. Apparently, you can't keep good women down!

We wish the best for all these devoted members and their families.

Graduating Class of 2012

Dr. Ray Buchanan announced that the Master Gardener class of 2012, "The Year of the Monarch Butterfly," was a huge success. He thanked his assistants, Peggy Sweeney and Debora Moroney, and told the group he would serve as Training Coordinator again next year (great news!). Associate member Becky Rodriguez has now completed all requirements to become a Master Gardener. Congratulations, Becky, and others who have already qualified—and again, Dr. Ray, many thanks for your leadership.

Minutes of HLMGA Monthly General Meeting, Tuesday, June 19, 2012 — Page 3**Native Plant Society Festival—October 20 at Inks Dam National Fish Hatchery**

This year, the Society is hosting a “Celebration of Native Plant Week” at the Hatchery on Saturday, October 20. More details will be furnished as they become available. HLMGA’s Sylvia Williams serves on the planning committee for this event.

Program for July 2012

Karen Wilkens provided a preview of the program scheduled for Tuesday, July 17, at Francesco’s. Speaking will be Dr. Elayne Lansford on the topic of wildlife habitats, with emphasis on incorporating plants that can succeed in time of drought.

Announcements from Membership

Roger Scarborough announced that he has crinum bulbs to give away.

Suzanne Labry invited members to a 5K run at Lake Pflugerville Park on Saturday, June 23, at 8:30 a.m. Suzanne’s daughter Claire, who is deaf, founded this event, titled “Run to Hear,” three years ago. The 5K run raises money for cochlear implants.

Robert Yantis furnished copies of a handout announcing a program to be given by Sheryl on Tuesday, June 26, at 2:30 p.m. at the Lakeshore Library. Sheryl will speak on “Gardening for Wildlife—Birds, Bees, Butterflies, Etc.” After the presentation, there will be a wine-and-cheese party honoring Robert and Sheryl at the home of Ray and Carole Buchanan, to which directions were provided.

Adjourn

After a motion, second, and unanimous approval, the meeting adjourned at 5:12 p.m.

Respectfully submitted,

Kay Lee, Co-Secretary



Karen Wilkens presenting
Dr. Deb Tolman



Dr. Buchanan presenting Becky Rodriguez
her certificate of completion of Master
Gardener training.
(Photo by Colleen Struss)



HLMGA Meeting



HIGHLAND LAKES MASTER GARDENER ASSOCIATION FINANCIAL REPORT JUNE, 2012

Donna Maier, Treasurer

ADVANCED TRAINING IDEAS FROM THE MEMBERSHIP COMMITTEE

The Membership Committee would like to invite you to attend any of these interesting workshops to add to your AT hours for the year. The following classes have been approved for 1 hour of AT credit. Don't forget to add the class you attend to your calendar and fill in the Hours Report at the end of the month for easy accounting.

Saturday, July 21 "Tips for a Successful Fall Garden"--Sheryl Yantis will present a Green Thumb Program at the Burnet Herman Brown Free Library on the Town Square at 10:30 AM.

Upcoming Events at Backbone Valley Nursery in Marble Falls:

July 7th—9:30 a.m.—Succulent Wreath Workshop

Learn how to make your very own living succulent wreath or succulent hanging ball. Class is free of charge. Wreaths and materials will be available for sale or just come and learn how to create your own from scratch.

July 14th—9:30 a.m.—Worm Composting 101

Create your own worm composting bin for fresh worm castings with an inexpensive storage container. Class is free of charge. Supplies for making your own will be available for purchase.

July 21st—9:30 a.m.—Build your own Disappearing Water Feature--Learn all about how to build your own disappearing water feature in this FREE class.

July 28th—9:30 a.m.—Fall Tomatoes 101--Tomatoes.....Tomato! Who cares how it's spelled.....learn how to plant tomatoes for a fall garden.

Happenings at Natural Gardener Nursery in Austin

July 7—Colleen Dieter of Red Wheelbarrow (redwheelbarrowplants.com) presents "Maintaining Your Native Landscape."

July 14—Judy Barrett, horticulturist and prolific author, presents "Myths & Truths about Growing Roses."

July 28—Forrest Arnold—Composting! One of the most basic practices of organic and sustainable gardening is composting. Almost all of the plant material wastes from our yard and kitchen can be transformed into a free fertilizer and soil amendment, if we know how to compost.

For more information: www.naturalgardeneraustin.com

Residential Stormwater Management

--by Beth Mortenson

Now, more than ever, it is essential to make use of every drop of rain that falls from the sky. Oftentimes in Texas it is either feast or famine when it comes to rainfall. The next time we get one of those gully washers, be prepared to keep every drop of it on your property. With a small amount of work and a bit of ingenuity, you may be able to bridge the gap in rainfall and, at the same time, be better stewards of the land.

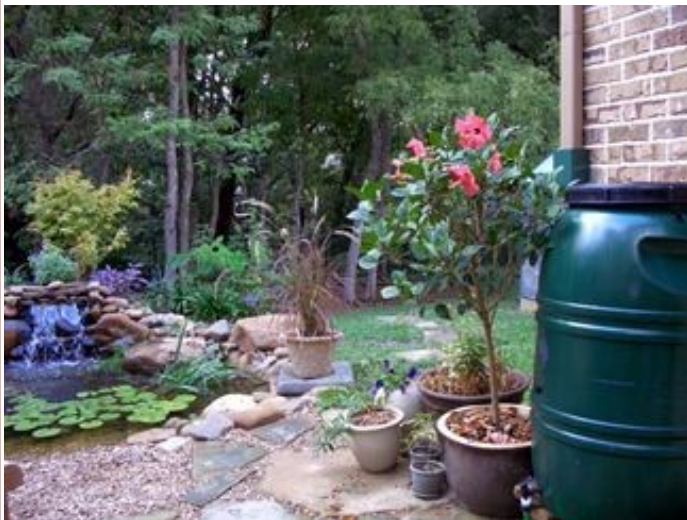
In recent years, residential developers have begun to change their approach to stormwater management. For years, the common philosophy regarding stormwater management has been to get rain water off the property as quickly as possible and into the storm drain where it would be quickly transported to the nearest stream or lake. Now the developers and the homebuilders have been challenged with keeping as much stormwater as possible on the residential properties. Why this shift in philosophy and practices?

Stormwater is precipitation that does not soak into the ground but instead runs quickly off its surface. This is mainly the result of urban development and the increase of impervious surfaces such as driveways, patios, streets, and the like. As the stormwater rushes over these solid surfaces, it picks up various debris, fertilizers, pesticides, soil and sediments, animal wastes, automotive oils, and other pollutants.



As this polluted water pours into the waterways, several negative events occur. Silt and sediment clouds the water, which keeps the sun from reaching the aquatic plants below. Without the sun's energy, the plants die, negatively affecting the aquatic life that are dependent upon it. The excessive fertilizer that would have best remained on the lawn now feeds the algae in the water and causes explosive growth, called algae bloom. As the algae dies, a chemical reaction occurs which robs the water of oxygen, subsequently killing fish and other aquatic life that is dependent upon it.

Water that has all of these unnatural pollutants is also very difficult to treat. More chemicals are needed to process this water for human consumption. This not only increases the cost of treatment, but it also means that the city drinking water contains more chemicals.



On the other hand, when water is allowed to percolate slowly through the soil, several beneficial processes occur. More water is available for plant life resulting in less need for irrigating the landscape with processed utility water. As the water continues to infiltrate, the soil acts as a filter and pollutants are trapped in the ground. Naturally occurring organisms in the soil break down the pollutants. The water that eventually reaches the water table and ultimately the surface water bodies is quite clean. This is a natural and efficient system.

(Continued on Page 14)

(Residential Stormwater Management Continued from Page 13)

There are several ways in which storm water can be encouraged to stay on the residential property and most of these methods can actually add beauty to the landscape.

Rain gardens are garden spaces that are created in low-lying areas on the property. Basins are dug and filled with water-absorbing material such as compost and peat moss. The garden is planted with plants that can handle “wet feet” occasionally and the soil is covered with a thick layer of mulch. Rainwater is directed to the rain garden by way of underground tubing which is attached to the guttering system, or alternatively, the water can be directed toward the rain garden by using berms, gullies, and rock streams.

Another way to encourage rain water to remain on the property is to use porous hardscapes instead of solid concrete wherever possible. Porous hardscape features used in driveways and patios can be very attractive. It is becoming quite popular to have a driveway that consists of a grid of alternating concrete tile and grass.

Rain barrels and cisterns are additional ways to keep rainwater on the property for use at a later date.

There are many more creative ways to keep rain water on the residential property and many people use a combination of these methods to manage storm water run-off. This is an honorable endeavor that is good for the landscape, helps reduce utility water for landscape use, and it is very good for the water supply and the aquatic life upon which depends.



Beth Mortenson Texas Licensed Irrigator LI0015762



Highland Lakes Master Gardener Association

Reimbursement Request Form

Date of request [_____]

Name [_____]

Address [_____
_____]

Phone [_____]

E-mail [_____]

Amount of reimbursement [_____]

Project Name [_____]

Purpose of expenditure [_____

_____]

Signature of Project/Committee Chair _____

ATTACH ORIGINAL RECEIPT(S)

For Treasurer use:

Budget line item _____

Date of reimbursement _____ Check number _____

Entered in ledger _____

Requesting Reimbursement: The Reimbursement Request Form has been edited and members are asked to please use the most current form for requesting reimbursement for project expenses. The form is also available from the Treasurer, Donna Maier dendon@nctv.com, if you would prefer to fill it in from your computer and then print it for submission.

2012 HLMGA Hours Report Form

NAME

CERTIFICATION YEAR

DATE

ADVANCED TRAINING (Never count drive time or mileage for advanced training.)

DATE	COURSE	INSTRUCTOR	HOURS
TOTAL			

VOLUNTEER SERVICE HOURS

Monthly Meetings attended (can only count volunteer service/no drive time or mileage)		HOURS		
MONTHLY MEETING				
APPROVED ACTIVITY			DRIVE TIME	MILEAGE
Administrative Duties				
AgriLife Extension Office				
Educational Contributions				
Green Thumb Program				
Spring Training Class				
TMGA Awards				
The DIG-IT				
Native Plant Garden Tour				
PROJECTS				
Burnet Co. Area Fair				
Burnet Farmers Market				
Burnet Middle School Greenhouse				
Colt Elementary Garden				
Granite Shoals City Hall				
Helping Center Garden				
Kingsland Chamber of Commerce				
Kingsland Library				
Lakeshore Library				
Lawn and Garden Show				
Marble Falls Farmers Market				
MFISD Transitional Facility				
MF Elementary School Gardens				
Oak Ridge Community Garden				
Raffle Quilt				
Shady Grove Rose Garden				
Skate Park				
The Oaks				
Wildflower Project				
Other:				
Other:				
TOTALS				

Send completed forms to: Carolyn Lange, 106 Deep Woods Dr., Kingsland, TX 78639

Download available online at www.tiny.cc/hlmga

Email to: carolyn_lange@hotmail.com 325-388-0100