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Art for Conservation rocks Ferndale

By Paul McGinn

Late last summer, I was contacted by GRWA president Todd Stone, about participating in a group show with other local artists. The benefit exhibit and sale was to a fund-raising event for land conservation in Nockamixon Township. The show was supported by a grant from the Erwin and Gertrude Neusch Fund and was done in partnership with the Heritage Conservancy in Doylestown. I did not know Todd, but was familiar with his work from his exhibit of 9/11 paintings at the Michener Art Museum. Apparently, he had seen my work at shows in Tinicum and Lambertville and thought my *plein air* technique would be appropriate for what he had in mind.

Other artists participating in the Art for Conservation exhibition included Ron Brown, Ranulph Bye, Joe Danciger, Linda Jenny, Paul McGinn, Pat McCutcheon, Sharon Mendelson, Carolyn Mercatante, Bob Noonan,

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UPPER BUCKS FUTURES

Spring/Summer 2010

The Voice of the Gallows Run Watershed Association

Vol. 7, Issue 1

Letter From the President

First major fundraiser caps strong 2009; volunteerism remains key to success

by Todd Stone

On Earth Day 2010, a hearty band of Gallows Run Watershed Association volunteers were out in the stream in the warm morning sunshine. We picked up trash between the Ealer Hill stone bridges downstream to the River Road bridge in Kintnersville. We found substantial storm damage along the main stem Gallows Run, but some improved trout habitat as a result.

We spooked some baby trout, and observed an unusual amount of algae growth on the red shale streambed. Volunteers from the Nockamixon Township road crew picked up the trash bags we collected and this year we even managed to divide out recyclables from the trash. Keeping up with regular clean-ups as we have over the years has really made the stream cleaner, and now the clean-ups themselves are easier.

The GRWA also had a great volunteer response to our second annual Lynn

Island clean-up in November. With help from DCNR's Ian Kindle and Richard MacNutt at the helm of the canoes, and the guidance of Morris Arboretum biologist Anne Rhodes, we transported workers across the Delaware to canvass Lynn Island for debris floodwaters had driven onto the island. We were watched by local bald eagles as we hauled back a dozen canoe-loads of collected trash.

The GRWA is a volunteer-based nonprofit corporation that advocates on behalf of sound environmental stewardship, sustainable land management and the preservation of the rural character of the Gallows Run Watershed. Our tools include educational outreach, scientific research, active participation in the legal processes that affect local land use, and a strategic partnership with other organizations that share our objective. Volunteers remain the heart of our effectiveness.

Extraordinary volunteer response provided a magical evening at our

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A warm, mid-November day provided great weather for 2009's second annual Lynn Island clean-up. Evidence showed lasting improvement through such efforts.

*— Photo by
Bill Brokaw*



Major Legislative Win Doesn't Negate Continuing Need To Know

By Todd Stone

Residents of the Gallows Run Watershed—both with and without vertebrae—benefited from the recent decision by Bucks County District Judge Diane Gibbons to uphold Nockamixon's zoning ordinances. Nockamixon was faced with a challenge by Hanson Aggregates' quarry in Ottsville, which argued that procedural mistakes in advertising zoning ordinances invalidated all the township's efforts to regulate land use. If this line of reasoning had been upheld, the township would have become unable to defend itself from anyone doing anything they please, wherever they please, in the township.

Nockamixon stood up and fought for itself and defeated a multi-national corporate giant that was using a legal technicality to bully locals to get their way, no matter the cost to the people who live here. Nockamixon supervisors deserve our thanks for not caving on this important matter.

The Township also responded to citizen concerns about the nature of leachate spilling into the creek from county-owned Hidden Valley Landfill. The GRWA collaborated with volunteers from Nockamixon's Environmental Advisory Committee to prepare a report on issues concerning Hidden Valley for the supervisors. As a result of this outreach, Nockamixon supervisors are working with the County and Pennsylvania's

Department of Environmental Protection to better share information and stabilize eroded conditions at the dump.

This is good news for the critters in Nockamixon Creek, which has evidenced degraded conditions below Hidden Valley. The long-term threat from whatever is seeping down from the uncapped bottom of the dump towards the aquifer remains unknown.

Unknown, too, is the reason why Palisades High School well levels did not register the recharge that this year's record rainfall should have provided. The water level recovery this spring is about 10 feet below that of the spring of 2008. And this comes after a very wet winter. Looking back at just the past 365 days, we are at 138% of normal rainfall. From May 3, 2009 to May 2, 2010 Bucks County received 63.3 inches of rain, versus our normal 45.9 inches. Most local well monitors reflected recharge concurrent with this spike in precipitation levels.

Take advantage of available resources

Also unknown is the day when the drilling rigs will appear in our neighboring Exceptional Value Rapp Creek watershed. Nockamixon Township and the Delaware Riverkeeper Network have filed an administrative challenge on May 21 to the Delaware River Basin Commission's decision to allow a gas well in Nockamixon to move forward

without review. PADEP issued on April 13 a permit for Arbor Operating Limited Liability Company to drill an exploratory well on the 100-acre Cabot Industries property on Beaver Hill Road. Although the Delaware River Basin Commission has issued a moratorium to issuing permits for water withdrawals for use in hydraulic fracturing, it continues to permit exploratory wells. Nockamixon is in ongoing litigation with Arbor since 2007 as the permitted drilling site is outside Township zoning for industrial usage. The Township's recent challenge argues that the DRBC is not protecting the Special Protection Waters they are mandated to protect.

We need to continue to be vigilant.

The environmental toll continues to mount from Pennsylvania's leaders decision to open up the Commonwealth's massive gas fields to immediate production without a complete understanding of the dangers of fracking methods to groundwater. The massive blowout in the Gulf calls us to recognize that the price of gas and oil does not reflect its catastrophic costs to the locals when drillers screw up or cut corners for short-term profit. In light of recent budget cuts to DEP for gas regulation in face of the boom, there is growing need for local citizen watchdogs of drilling activity.

The economic downturn has provided a pause in the need for local

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We advocate on behalf of sound environmental stewardship, sustainable land management, and the preservation of the rural character of our communities here in Bucks County Pennsylvania. Our tools include educational outreach, active participation in the legal processes that affect local land use, and a strategic partnership with other organizations that share our objective.

UPPER BUCKS FUTURES is a semi-annual newsletter published by the Gallows Run Watershed Association (GRWA). The publishers make every effort to confirm facts, dates, etc. We apologize for any typographical errors that may inadvertently slip by our proofreaders, but we cannot be responsible for any inconvenience that results from such errors.

Need more information about or wish to join GRWA?

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Art for Conservation

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Robert Ranieri, R. Woolston Rapp, Reinhold Schwenk, Karl Schwartz, Wesley Shaw, and Todd Stone.

Taking classes with several Bucks County artists improved my skills and knowledge. I realized my passion for plein air painting—outdoors as opposed to studio work—after taking some classes with George Thompson and a workshop with nationally known plein air artist Kenn Backhaus.

Todd arranged for some local property owners who had conserved their properties to let us tour their land in search of sites to photograph or paint. Todd whipped us into a cohesive unit as he hiked us up and down hills, through woods and fields, streams and wildflowers, and out onto a promontory atop the Palisades. His cheerleading got us all enthusiastic about painting the watershed, both as a fundraiser and as a pictorial history of the area.

I chose a few sites that I thought would lend themselves to paintings. One was done sitting in a rocky streambed with gnats for company. I didn't finish it in one sitting and the day I returned it was below 40 degrees, but at least there were no gnats. Another was painted on a promontory of the Palisades overlooking Lynn Island. The site was so narrow and dangerous I did the whole painting sitting on the ground, fighting acrophobia. Another painting was done in my studio, of the preserved farm at Trauger's Crossing around sunset with the moon rising in the background.

Now that the easy work was done, Todd did the legwork and coordination for the show. The Heritage Conservancy produced a book about the event, including images of many of the works. Karen Baron of the Ferndale Inn provided us with not only a beautiful setting but also enormous amounts of wonderful food for the opening. We had a great turnout, including a photographer from the Bucks County Herald, and despite the terrible economy, artwork actually sold.

After the Ferndale Inn exhibit, we moved the works to the gallery at Palisades High School. The opening was well-attended, with a chamber music concert provided by students. Some of the artists were asked to give a talk at the Middle School. We each spoke to a group of young adolescents. They seemed most interested by Ron Brown's presentation about the mathematic patterns in his art.

Perhaps we didn't raise as much money for the Conservancy as we had hoped, but I am sure that many people gained a new appreciation for the beauty of this area and the need to preserve it for the future. 🐾

Life Imitates Art – Poems of the Gallows Run

While hanging at the High School gallery, the “Art for Conservation” show became the focus of study for the Middle School's Watershed Integration Program. Students were challenged to create poems inspired by the paintings and other artwork. Here are a few samples of their work:

I feel a warm breeze on my face
I hear the buzzing of a saw
I can taste the sweet strawberries
I see my lonely grandpa and wave
...then I smell the wood

~ Amber Kalix

Touch, cool leaves under my fingers
See, an elderly man working alone
Hear, clanking of the tools he is using
Taste, the summer heat
Smell, fresh cut wood

~ Ashley Mancini

I feel leaves crunching beneath my feet and the
sleepy sun on my face.
I smell the trees and over-grown shrubs.
I taste the autumn air along my tongue.
I hear nothing; everything is “dead.”
I see something so beautiful I'm speechless.

- Alexis Adornetto

SIDE NOTES

Since much of the Gallows Run Watershed lies within the boundaries of Nockamixon Township, our fortunes are closely tied to those of the township.

- If you have a concern to bring to the Board of Supervisors of Nockamixon Township, you can visit its official website at www.nockamixontownship.org to print out a complaint form and mail or fax it to the township office. You can also copy and paste the form into an email and email to the office at nockamixon_clerk@epix.net
- Nockamixon provides free recycle bins as a service to its residents on the third weekend of each month. They're located in the Township Building parking lot at 589 Lake Warren Road in Ferndale.



Students in Palisades Middle School's Watershed Integration Program view and discuss salient points of the works displayed from GRWA's first-ever fundraiser, “Art for Conservation: Artists of the Gallows Run.” The show hung for several months in the school's gallery, and students wrote poems reflecting their experience of the work. – Photo by Kimberlee DeNato

Erosion: Understanding the Details

By Adam Katrancha, Kimball Project Engineer, PA Forest Steward


(The following was excerpted with permission from Forest Leaves, a publication of Penn State University.)

Earth disturbance activities, including timber harvesting operations, require an Erosion and Sediment Pollution Control Plan (ESPCP) to minimize accelerated erosion. The clearing, grubbing and grading of entrances, log landings, and haul roads are the primary disturbances associated with timber harvesting.

Site preparation for timber harvesting usually requires removing vegetation and grading. Both of these activities expose soil, making it vulnerable to erosion. Sediment from erosion is a pollutant and is also a transport mechanism for other pollutants attached to the sediment, such as oil and grease, heavy metals and more. Soil washed away is a lost resource and, as sediment, it affects fish and wildlife habitat, water supplies, flood control, and human recreation.

Erosion happens when wind or water detaches and transports exposed soil. The average landowner may not appreciate how a few raindrops can cause a problem; however, even unnoticed erosion on exposed soil surfaces erodes large quantities of soil.

Most often, erosion is only obvious when concentrated flows create dramatic rills and gullies. Sediment is the most prevalent pollutant in Pennsylvania waters and each year across the nation millions of tons of soil wash away, negatively impacting downstream sites and carrying pollutants into the environment.

Proper planning diverts runoff away from disturbed areas and minimizes concentrated flows. The landowner aware of the hazards associated with grading activities can plan to protect the site from unnecessary erosion. Careless vegetation removal and slope alterations can reduce infiltration while increasing runoff velocity and volume. The proper timing and activity sequencing will help to minimize the excessive soil compaction. Severe compaction can reduce the water intake as much as 90% of the original rate; thereby, increasing the volume and velocity of runoff and erosion potential. 



Watch for the GRWA Cookbook!

Look for *Cooking With Style*, recipes collected from your neighbors in book form, the sale of which will benefit the GRWA, to be available at local community day celebrations this fall.

This new publication joins Art for Conservation, a picture book of artwork by Artists of the Gallows Run, on the GRWA bookshelf.

Sustainable Lifestyles

Springtown Farmers' Market: Back With More in 2010!

By Rose Strong

The day has changed, the hours have changed and nearly all members of the Springtown Farmers' Market Advisory Board have changed since ending in October of 2009, but the new blood is hoping to energize the market in 2010.

With a new market manager, Joan Pavlika, and pre-season development manager Megan Melick—both hired to work on funding, advertising and vendor recruitment among other things—the advisory board members seem determined to make this market strong.

Market Thursdays is the theme. Starting on May 20 and taking place every Thursday from 4-7 p.m. through September 30, will be another season of fun and interesting goings-on each week.

Sprouts Corner Children's Garden, sponsored by Painted Earth and Shooting Star Farms, gives youngsters the chance to plant and watch something grow through the season.


Quakertown Food Pantry will be there on Opening Day and throughout

the season, to accept donations of non-perishable food items.

Some vendors are familiar, such as Trauger's, Tabora Farm, Rolling Pin Pastries, Marie's Soap Company and Meadowbrook Farm. Others, like Saylor's & Co. from Hellertown, Clarence Berger Produce, Longspring Antiques, Rocky Top Farm and Silo Yoga & Pilates, will bring a new dynamic to the market.

What are being touted as "cornerstone booths" will be at every market, and include:

- CO-OP Corner – featuring different vendors each week
- Culinary Corner – featuring local restaurants and cafes
- Sprouts Corner – for the kids, including a veggie garden, launching on Opening Day
- Wellness Corner – featuring local holistic and healing vendors and activities

If you'd like to sign up for weekly notices or find out more about the Springtown Farmers' Market, check out www.springtownfarmersmarket.org. 

Rick's Egg Farm: Keeping Business Local Before It Was Cool

By Rose Strong

Since 1932, Rick's Eggs in Kintnersville has been serving Upper Bucks County with fresh eggs. Long before it was the cool thing to keep food buying local, Rick's was selling milk, produce and plants from local farms to the population along the Route 412 corridor and beyond.

For those who pass the farm at the corner of Route 412 and Trauger's Crossing Road, you'd never know there was a little store at the end of a driveway if it weren't for all the little white signs with neatly stenciled letters announcing in-season produce, milk, local beef and even Pysanky eggs near the Easter holiday.

A well-maintained brick ranch home sits on the property, and beyond are long barns that house the Ricks' chickens.

"My father, Paul Rick, started this business with my grandfather, Edward Rick, in 1932, when he was 20 years old," says Faye Kooker. "He [Paul] passed away at 98 this past fall, and worked up till a year and a half before he died, collecting eggs every day."

Faye's brother, Tim Rick, took over the farm after their father retired in the late 1970s. Faye explains that their original house was over where Lake Nockamixon, a man-made lake, is now located. Across the street from where the farm and store are now was their grandfather's house. "When the lake was put in, my father built a house on the land across from my grandfather's house and we settled here and put the farm and the store here."

Years ago, Faye explained, her father and grandfather would sell their eggs at the Doylestown Egg Market. "At one time we had up to 12,000 chickens and the egg market was a co-op, where the eggs would be distributed to grocery stores in the area," she says. "It was a lot of work, and as the family moved away or had to slow down, we had to cut back."

Today, Rick's has about 3,000 hens. All are the standard white Leghorn breed, a medium-size bird. "Through all the years, we've never caged our birds, nor do we give them antibiotics or growth

hormones," Faye says. "My father used to be told by folks at Agway how much money he could save and make by caging the birds. They'd tell him he could have three times the amount of birds with much less work if he caged them. He didn't believe in that, and felt they'd be



Faye Kooker shows the friendly smile she's so famous for, along with the locally grown produce and local dairy products that accompany Rick's home-raised eggs. This is a family business in the very best sense of that word: family-run and where all the customers get treated like family when they come to visit. — Photo by Mary Shafer

healthier if they were loose."

She explained that the medium leg-horn is cheaper to feed than the typical Rhode Island Red, which are bigger birds and eat more. And although brown and white eggs are nutritionally the same, some people will insist brown eggs taste better.

"Today, people want pastured birds, but my father never thought that was healthy since they are susceptible to any disease that wild birds carry," says Faye.

In an effort to diversify when he took over, Faye explains that Tim brought

in the milk from Penn Field Farm in Dublin. It, too, is free from antibiotics or growth hormones.

"We even started growing a little produce to sell to customers. Nothing big, but just enough for the locals," she reports. "As we've grown, we now carry pasture-raised, hormone- and antibiotic-free beef from Meadowbrook Farm, and their pastured brown eggs."


In the spring, Rick's offers its own salad greens and rhubarb, but sells honey from King's Apiaries, apples and peaches when in season from Bechdolt's Orchard, and plants from Peace Tree Farm—all local food producers.

"Through the years, we've always worked with local farmers," says Faye. "I feel, in order for us to survive, we have to work together." She elaborates, "Farming today isn't what it used to be; a family business, where everyone in the family worked the farm. Today, people are farming to make a living, but starting it as a business. It's hard work and makes prices go up, they can't help that in many cases. We try to stay in line with what grocery stores charge, as well as keep market prices."

Between Faye and Tim, they split the daily chores.

"I'm up early and start about seven with collecting eggs, then go back in every 45 minutes from there till about noon. Not all the hens lay eggs in the nest boxes, so we like to get them off the floor or they'll discover how good they taste," she explains. "Then we wash them and candle them for cracks or other imperfections. Canded eggs can be considered Grade A. If someone sells eggs without candling them, they can be sold as unclassified, as are the brown ones from Meadowbrook that we carry now."

Local restaurants and other vendors such as Vera's Cafe, the Groveland Grill, the Ferndale Inn, Luberto's, Crossroads Bakery, Bechdolt's Orchard, Carroll's Seafood, the Cherry Top Drive-In, Back to the Fifties, A Country Place and C&C Café all use Rick's eggs.

Rick's Eggs is located at 4917 Durham Road (Rt. 412) in Kintnersville. Their phone is 610-847-5322. 

Effective Stream Management Tips from Palisades Stream Team

- Avoid close crop mowing to the edge of a stream. Allow a plant buffer to grow.
- Create a buffer by planting native wildflowers, shrubs and grasses, creating a natural habitat for water-based wildlife.
- * Don't deposit leaves or grass clippings near or in a stream—they alter natural nutrient balances.
- Avoid using non-organic weed killer, fertilizer and other chemicals in your lawn, as they can run off into a stream. Whenever possible, use natural or organic methods to control weeds.
- Avoid using concrete and other hard substances as streambank reinforcement. They increase erosion-related problems.
- Maintain an efficient stormwater drainage system that gradually filters water into a stream.
- Fence large farm animals such as horses and cattle away from the edge of a stream. Never compost animal waste nearby, and manage pet waste.
- Prevent ponding by creating small artificial waterfalls along tributaries. These increase water movement and oxygen content while providing a more landscaped feel to a stream.

Signs of a Healthy Stream

- Clear, odorless water
- Presence of fish, frogs, turtles and other aquatic life
- Quality, 10-50-foot planted buffer on either side of stream
- Variety of plant species within buffer
- Variety of water flow types, including pools and riffles
- Minimal amounts of erosion and sedimentation
- Minimal amount of algae in the stream

Threats to our Watershed

Erosion is caused by the wearing away of a streambank, resulting in **sedimentation**, the flow of muddy water into the stream. This happens due to

- Flooding and uncontrolled runoff
- Poor stormwater management
- Improper construction practices
- Poor buffer areas

Prevention/Solution

- Create plant buffer areas
- Distribute stormwater flow evenly
- Create protective barriers

GOOD Native Plants For Our Area

- Lady and Wood Fern
- Green or White Ash
- Box Elder
- False Jasmine
- Partridgeberry
- Sycamore

Harmful, Non-Native Plants

- Knotweed
- Purple Loosestrife
- Wisteria
- Garlic Mustard
- Multiflora Rose
- Bamboo

Flooding is the overflow of stream water onto land, which can cause severe erosion and sedimentation. This happens due to

- Heavy rain and runoff
- Overdevelopment
- Altering a stream's natural course
- Loss of wetlands
- Large areas of non-permeable pavement (asphalt and concrete)

Prevention/Solution

- Maintain infiltration system on the property
- Promote water seepage into the

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Water Watch

continued from page 2

Continued vigilance required

Planning Commissions to review sub-development plans. The time seems right to take a look at planning for a sustainable future that protects our valuable shared water resources. Our aquifer is threatened by water quantity and quality issues and we should be doing our local contingency planning now before we are in a drought or pollution emergency. We cannot count on outside agencies having our interests at heart

Real threats, right now

We hope the Delaware region's lawmakers will learn from mistakes made in western counties, which experienced the first Marcellus shale fracking. Our plans for the future must include protection for Upper Bucks' high and exceptional quality streams threatened by gas drilling. The data collected in our watershed by volunteer water monitors and its analysis by the scientific community is unparalleled in its scope and depth. We have plenty that we already know.

We have learned so much since the early gas and oil forums in Nockamixon, and we need to keep learning. The GRWA website is a good place to start in educating yourselves on the negative impacts intense, industrialized gas drilling can have on your community. There, you can also read expanded coverage of some *UBF* articles and information on when and where you should have your well water tested. You may download

the EPA's *Homeowners Guide to Septic Systems*. We make this publication available because it's not just the large issues like drilling that affect our water safety.

We all can—indeed, must—take responsibility for making sure our properties don't add to potential sources of toxins that could leach into the aquifer. It is ultimately up to each of us, individually, to protect our own water as we recognize our neighbors' need to do the same.

Along with staying abreast of these water quality issues, we must also consider matters of water quantity. Do we know what might trigger a drought emergency, and what we will do in such a case? Have areas of our watershed already been over-developed? It's up to us to actively seek the answers. 🐾

"Look and you will find it. What is unsought will go undetected." – Socrates



continued from page 1

Volunteer activism, community support grew in 2009

seventh annual members meeting at the Ferndale Inn. Overflow crowds swamped the Inn in support of *Artists of the Gallows Run: Art for Conservation*, a GRWA benefit for local land conservation. Sincere thanks to Karen Baron, who provided for us—*gratis*—a sumptuous feast, while the walls of the Inn became a flattering home for the works painted by local artists at sites conserved in the watershed.

Thanks also to the landowners who welcomed us, and to the artists who banded together to put their talents and materials towards a common cause, the preservation of the beauty of the Gallows Run.


Gratitude to Ondrey and Venise Gaspar for lending their Ranulph Bye watercolor of the Gallows Run to the exhibit; to the forward-looking collectors who bought artwork to support the effort; to Cathy Beck and Palisades High School for hosting the exhibit at the Palisades Community Gallery; and to the teachers at Palisades High and Middle Schools, who welcomed the artists into their classrooms.

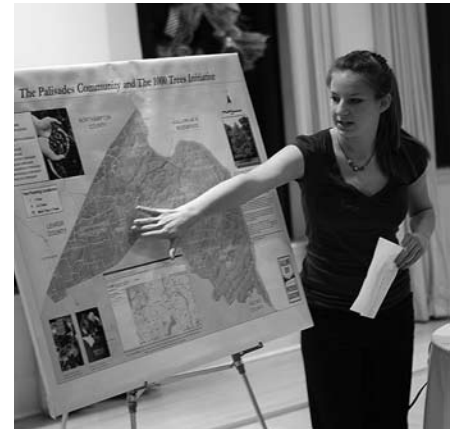
The Gallows Run has benefited from recent successes in conserving watershed lands, a key tool in preserving water quality and quantity. Strong preservation efforts continue in the Gallows Run Watershed, with four projects totaling more than 200 acres currently underway.

The volunteers of Nockamixon Open Space Committee have guided these projects to secure funding to support the creation of a greenbelt of conserved properties along the Gallows Run in Kintnersville. The Heritage Conservancy has donated many hours of its skilled experts' time to these projects.

And it is through the continued support of our membership that we fund our educational efforts such as Upper Bucks Futures—the newsletter you hold in your hands—and our recently re-grooved website at grwabucks.org, which serves as a clearinghouse of information about the watershed. This information includes postings of current issues and an archive of newsletter content, some of which is expanded from the print version.

Volunteers are the heart of our organization, and we're aware that we

can only count on those who live here to protect our collective future. We all understand we must remain vigilant locally, but we're a feisty bunch. We get the job done. Won't you join us? 



Our community outreach events have often featured the award-winning volunteer efforts of the Palisades Tree Squad, headed by Julia Brokaw (above). She graduates from Palisades High School this year, and is planning to study environmental science at Franklin and Marshall College in Lancaster.

Stream Management Best Practices

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ground where rain falls. This also replenishes groundwater reserves.

Pollution/Contamination is the introduction of foreign, harmful substances into the stream. This happens due to careless use and disposal of

- Fertilizers
- Pesticides
- Common chemicals such as detergent
- Biological waste such as sewage and manure
- Oil, paint and solvents

Prevention/Solution

- Use biodegradable products
- Limit domesticated animal access to streams
- Properly store and dispose of chemicals and inorganic compounds
- Properly manage stormwater runoff and septic systems

Litter and trash is any non-degradable or foreign material put into a stream. Common examples include


- Rubber tires
- Plastics



Photo by Todd Stone

- Packing materials
- Aluminum, glass and metal

Prevention/Solution

- Properly dispose of refuse
- Participate in Adopt-A-Highway or Adopt-A-Waterway programs
- Volunteer for community cleanup days
- Manage waste responsibly 

GRWA MEMBERSHIP APPLICATION

Please complete this form and return with check or money order (no cash, please) payable to Gallows Run Watershed Association. Mail to: GRWA Membership • P.O. Box 24 • Kintnersville, Pennsylvania 18930

All GRWA memberships are renewed annually on January 1st, with dues payable by December 15th of the previous year, to allow time for processing. Memberships initiated any time during the year will be effective until the following January. Please check ONE of the following to indicate your desired annual membership level:

- | | |
|--|--|
| <input type="checkbox"/> Student – \$5.00 | <input type="checkbox"/> Individual – \$25.00 |
| <input type="checkbox"/> Family – \$50.00 | <input type="checkbox"/> Contributing – \$100.00 |
| <input type="checkbox"/> Patron – \$500.00 | <input type="checkbox"/> Lifetime – \$1,000.00 |
| <input type="checkbox"/> Benefactor – \$5,000.00 | |

- Renewal New Membership

Name _____

Title _____

Organization _____

Address _____

City _____

State _____ ZIP _____

Phone _____

Email _____

(Please see our website at grwabucks.org for a full list of our membership benefits.)

YES! I understand the importance of volunteers to the health of a non-profit organization. I would like to volunteer to help with the following tasks that keep GRWA effective and running smoothly (optional):

- Newsletter Staff
- Publicity/Marketing
- Membership Committee
- Education Committee
- Scientific Committee
- Grantwriting/Fundraising
- Stream monitoring/Field research/Data collection
- Data entry/management



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