



# London Grove Gazette



Spring 2018 Newsletter

London Grove Township  
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Stephen Zurl, Vice Chairman  
David Connors  
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Thomas Szakas

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Latta White, Code Administrator

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Jacqui Guenther, Finance Director  
Dawn Maciejczyk, Township Secretary  
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Carolyn Kirby, A.M. Receptionist

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Zoning Officer:

Ken Battin

Right-To-Know Officer

Ken Battin

Tax Collector

Kurt Engleman, Real Estate Tax  
Keystone Collections Group, EIT

## A MESSAGE FROM OUR BOARD MEMBER

### Watertorial

We hear about how our water is being impacted by pollution. For this article, the three overarching environmental topics that I want to touch on are: The Clean Water Act of 1972, The Safe Drinking Water Act of 1974, and Pennsylvania MS4 Storm Water Program. Not only industrial & agricultural activity, but also personal actions can help or hurt London Grove Township's treasured water supply and resources. As an analytical chemist, I have spent much of my professional career associated with global environmental issues and have found over-and-over again, that most people don't know the detailed facts about the laws that are in place to provide societal guidelines for creating and maintaining a healthy environment.

**The Clean Water Act.** The overall goal of this act is to give the government/authorities the ability to legally fight pollution that makes it's way into the water supply. The pollution can come from farm runoff (i.e. silt, animal waste or fertilizers) or industrial effluent. The pollution can ultimately end up in a number of locations, such as streams, lakes, estuaries and aquifers. The Clean Water act is really an institution of common sense and does not allow the discharge of harmful pollutants. In the US, the EPA is the policing authority and sets standards of acceptability based on local activity and industry. It is the local authority to ensure proper codes are in place and water handling techniques are employed.

**Safe Drinking Water Act.** The overall goal of this act is to establish processes and to protect the quality of drinking water in the U.S. This law focuses on all waters actually or potentially designed for drinking use, whether from above ground or underground sources. All public water systems are given minimum quality standards for water being delivered to the public. This is geared to protect your health by mitigating consumption of known impurities. The water testing data that LGT runs on our water is publicly available on the township website.

**MS4 Stormwater Program.** A municipal separate storm sewer system (**MS4**) is a publicly-owned conveyance or system of conveyances (including but not limited to streets, ditches, catch basins, curbs, gutters, and storm drains) that is designed or used for collecting or conveying stormwater and that discharges to surface waters of the State. As you can imagine, after a rainstorm, there can be a significant increase in pollutants (oil, fertilizer, silt, etc.) to run into our White Clay Creek, and those impurities can significantly affect the wildlife (both plant and animal). LGT is continuously working to ensure that collection basins, drain fields, riparian buffers, etc., are installed and more importantly maintained.

These three components work together to protect our water resources. Over the next several newsletters, I will offer some more environmental educational information, and offer some easy tips to help you be proactive and vigilant in keeping LGT a great place to live.

Any comments to this, please feel free to email me directly at [tszakas@londongrove.org](mailto:tszakas@londongrove.org).

Sincerely,

Tom Szakas  
Board of Supervisors Member

## THE STATE WARNS PUBLIC TO BE ON THE LOOKOUT FOR SPOTTED LANTERNFLYS

Here we go again. First, it was the emerald ash borer that marched relentlessly from west to east across the commonwealth, leaving a trail of decimated ash trees in its wake. Now, the spotted lanternfly is threatening to spread from southeastern Pennsylvania and could wreak even more havoc than the ash borer.

According to the state Department of Agriculture, the pest poses a significant threat to the grape, apple, and stone fruit industries, worth nearly \$175 million, as well as the state's \$12 billion hardwood industry.

Consequently, the U.S. Department of Agriculture awarded the state nearly \$3 million last summer to fund control efforts and public outreach. With 13 southeastern counties under quarantine, state legislators have requested an additional \$20 to \$40 million in federal funding to combat the insect.

Municipalities in the quarantined counties have been asked to alert residents and post signs and information about how to recognize the spotted lanternfly. The goal is to minimize the risk of the insect leaving the quarantined area.

Given that insects don't recognize quarantines, it is a good idea to get educated about this invasive species and watch for its arrival in your community.

How to identify the pest:

The spotted lanternfly, *Lycorma delicatula*, is an invasive plant hopper native to China, India, and Vietnam.

The insect was first detected in Pennsylvania in Berks County in the fall of 2014 and spread to Bucks, Chester, Lehigh, Montgomery, and Northampton counties. To try to control its spread, the state extended the quarantine area to include Carbon, Delaware, Lancaster, Lebanon, Monroe, Philadelphia, and Schuylkill counties. The bug has also been seen in Delaware, New York, and Virginia.

The state Department of Agriculture says that adult lanternflies are about an inch long and a half-inch wide at rest. The lanternfly's forewing is gray with black spots, and the wing-tips have a net-like appearance in black and gray. The hind wings have contrasting patches of red and black with a white band between them. The legs and head are black, and the abdomen is yellow with broad black bands. Immature stages, called nymphs, are first black with white spots and then develop red patches as they grow.

Lanternflies prefer the plant called Tree of Heaven, *Ailanthus altissima* — another invasive species in Pennsylvania — as their primary food source and mating and egg-laying location. (To learn how to identify Tree of Heaven, go to [www.agriculture.pa.gov/spottedlanternfly](http://www.agriculture.pa.gov/spottedlanternfly), click on the "Program Information" box, and choose "Ailanthus Identification" in the list of publications on the right.)

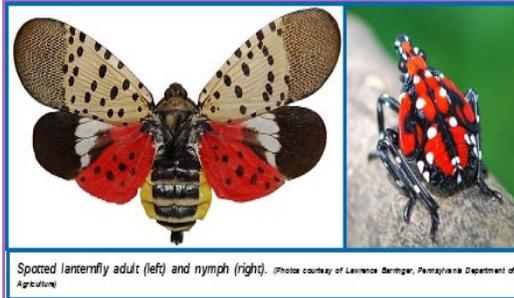
However, any smooth surface, from trees to vehicles, campers, yard furniture, farm equipment, and other items stored outside can act as sites for egg laying. Adult lanternflies begin laying eggs in late September and continue through late November or early December.

The warning signs:

Beginning in late April to mid-May, nymphs may be found on smaller plants and vines and any new growth on trees and shrubs. As the year progresses, older nymphs and adults will migrate to the Tree of Heaven, if available, and may be observed feeding on the trunk and branches.

Trees may have weeping wounds of sap on the trunks, and heavy lanternfly populations will cause honey-like secretions to build up at the base of the tree, blackening it and the surrounding soil with sooty mold. Wasps, hornets, bees, and ants may be attracted to the secretions and tree wounds.

In areas with large populations of lanternflies, adults may also feed on other trees, including willows, maples, poplars, tulip poplars, birch, and ash.



Spotted lanternfly adult (left) and nymph (right). (Photo courtesy of Lawrence Berlinger, Pennsylvania Department of Agriculture)

The Department of Agriculture says that egg masses can be scraped off the trees, double bagged, and disposed of. You can also drop the egg masses into alcohol or hand sanitizer to kill them.

The department is asking anyone who sees spotted lanternflies, especially outside the quarantined counties, to do the following:

- Collect a specimen and submit it to the department's entomology lab for verification, using the entomology program sample submission form at [www.agriculture.pa.gov/spottedlanternfly](http://www.agriculture.pa.gov/spottedlanternfly).

- Take a picture of any life stage of the spotted lanternfly, including egg masses, and email it to [badbug@pa.gov](mailto:badbug@pa.gov).

- If you can't collect a specimen or take a photo, report a sighting by calling the automated invasive species report line toll-free at (866) 253-7189. Leave a message, making sure to include details about where you saw it and your contact information.

What to do:

Anyone who observes spotted lanternflies beyond the quarantined counties should try to destroy them.

Because insecticides may kill beneficial insects, including pollinators, on infected trees, property owners should consider using the integrated pest management strategy that the state is using. It involves locating Tree of Heaven plants, killing all but a few to act as "trap trees" to attract the lanternflies, and then treating those with a systemic insecticide to eradicate the pests.

As an added step, Gov. Tom Wolf has created the Pennsylvania Invasive Species Council. This advisory panel of 17 state and non-governmental agencies will identify invasive species that currently or could threaten the state's natural and agricultural resources and the industries they support.

To learn more about these pests, go to the Department of Agriculture's website, [www.agriculture.pa.gov/spottedlanternfly](http://www.agriculture.pa.gov/spottedlanternfly), and check out information available from the Penn State Extension at <https://extension.psu.edu/shopby/spotted-lanternfly>.



### Park Hours: Dawn to Dusk

Although the ground is still cold experienced gardeners are planning this year's crops and reserving their plots at Goddard Park. There are 28 garden beds available to residents of London Grove and adjoining townships. The beds rent for \$30 for residents of the township and \$50 for non-residents. There will be 12 new raised beds on a first come first served basis this year. Applications for the plots are available at the township office or you can call the township office to make other arrangements. Goddard Park provides some tools, water and composting bins.

### Meeting Schedule

All meetings are held at the Township Building unless otherwise stated:

**Board of Supervisors Meetings** are held on the first Wednesday of the month at 7:00 p.m.

**Planning Commission Meetings** are held on the last Wednesday of the month at 7:00 p.m.

**Municipal Authority Meetings** are held on the first Monday of the month at 7:30 p.m.

**Parks and Recreation Board Meetings** are held on the third Wednesday of the month at 7:00 p.m.

**Zoning Hearing Board** meets on an as needed basis.

**Open Space Committee Meetings** are held on the second Thursday of the month at 7:00 p.m.

**Environmental Advisory Committee** meetings are held on the fourth Monday of the month at 7:00 p.m.



COMMUNITY RISK REDUCTION

## COMMUNITY RISK REDUCTION BY ROBERT WEER

Community Risk Reduction (CRR) is a process to identify and prioritize local risks followed by the integrated and strategic investment of resources to reduce their occurrence and impact. While it is not a new concept, it assists in formalizing the risk reduction process. The ability to determine risks ensures life safety and a cost reduction for the entire community. The process includes the following simple steps:

- Identify risk
- Prioritize risk
- Develop strategies to mitigate
- Prepare the CRR plan
- Implement the CRR plan
- Monitor, Evaluate, & Modify Plan

Community Risk Reduction provides a safer environment to work and live.

Another Risk Reduction is access of emergency vehicles. As a reminder there is no parking on-street in London Grove Township.

### Springtime Risks

Springtime is fast approaching. The nice weather will offer the opportunity to be outdoor cleaning up and making repairs to the challenges of winter.

As a reminder there is no burning within the Township. This ensures that everyone can enjoy the fresh air and reduces the risk associated with fire. The spread of fire is a high

risk in the spring due to the dry vegetation and windy conditions. Instead, contact the township about obtaining a brush permit that allows residents free disposal of brush and yard waste. Some of the other risks that are associated with spring time include:

Remember to wear proper clothing and apply sunscreen during outdoor activities

### Mowing and trimming bushes

- Refrain from children on or near equipment
- Pick up sticks to avoid becoming projectile
- Equipment is properly maintained
- Proper storage of gasoline and other products
- Allow equipment to cool prior to storage

### Installation of Lighting

- Follow manufacture instructions
- Use approved materials
- Be sure to turn off electric prior to work
- Ladders appropriately operate
- Be cognizant of others

Assist in avoiding unnecessary complaints regarding offensive lighting.

For more information contact the township or <http://riskassessment.strategicfire.org>.

## PARKS AND REC NEWS BY ERIC SCHOTT

In January the Park and Recreation Board (PRB) reorganized with Paddy Neilson becoming chair. Toinette Neilson will be assistant chair. Meetings are held the third Wednesday of each month at 7:00 in the Township building. The board welcomes all visitors and would love to hear your ideas about adding features to the park or sponsoring an activity.

The PRB is embarking on the creation of a survey of township residents in regard to the park and trail system. We want to examine the relationship between the park and the citizens of the township. The survey, which

is still being formulated, will hopefully determine the level of satisfaction that park users have with Goddard and also explore what attractions, amenities and offerings they might like to see added to the 120 acre site. The answers provided from this questionnaire will then be matched to the township's resources and possible grants that are available. London Grove has also hired David Sweet, one of the guiding consultants behind the park master plan and trail system, to aid in the survey and its possible implementation.

**MS4 Tip: Cars Leaking Oil**

When your car is leaking oil on the street, remember it's not just leaking oil on the street! Leaking oil goes from car to street, and is washed from the street into the storm drain and into our lakes, streams and into coastal waters. Now imagine the number of cars in the area and you can imagine the amount of oil that finds its way from leaky gaskets into our water. So please, fix oil leaks!

**Medication Disposal**

Do not flush or pour your unused medications down the sink.

How to dispose of medications at home:

1. Keep medicine in its original child-resistant container. Scratch or mark out the patient information on the label.
2. Place some water into solid medications, such as pills or capsules. Then add something nontoxic and unpalatable such as sawdust, kitty litter, charcoal, Comet or powdered spices (like cayenne pepper).
3. Close and seal the container lids tightly with packing or duct tape. If discarding blister packs of unused medicines, wrap in multi-ply layers of duct tape.
4. Place medicine containers in durable packaging that does not show what is inside (like a cardboard box).
5. Place in the trash close to garbage pick-up time.

Remember to keep your medications out of reach of children and pets. If you prefer to take your medications to a drop-off box, the closet one is located at the Pennsylvania State Police Avondale Barracks, 2 Moxley Road, Avondale, PA.



## Clean Water

### *A Bi-State Solution*



**A one-day conference highlighting  
the Brandywine-Christina watershed.**

**May 3, 2018 | Mendenhall Inn, Mendenhall, PA**

As one of the most historic small watersheds in the nation, the Brandywine-Christina supplies drinking water to over a half million people in Delaware and Pennsylvania and supports \$1.6 billion in annual economic activity and over 100,000 jobs.

This conference will include highlights from the newly released *Brandywine-Christina State of the Watershed Report* and showcase projects implemented by partners throughout the watershed. Following lunch the conference attendees are invited to attend a field tour to have a first-hand view of innovative agriculture practices and discuss water supply options and strategies for protecting source water in the watershed. The day will wrap up back at the Mendenhall Inn with a reception and networking event.

National and regional experts, Delaware and Pennsylvania legislators and dignitaries, and watershed stakeholders are encouraged to attend.

*This event is hosted by the Brandywine-Christina Cluster Partners, a partnership of six nonprofit organizations, funded by the William Penn Foundation through the Delaware River Watershed Initiative (DRWI).*



**BRANDYWINE  
CONSERVANCY**



**Brandywine  
Red Clay Alliance**



**Natural  
Lands**



**The Nature  
Conservancy**



**STROUD  
WATER RESEARCH CENTER**



**UNIVERSITY OF  
DELAWARE**


**VOLUNTEERS  
NEEDED**

London Grove Township needs volunteers for various Boards and Commissions.

Periodically the Township invites residents to volunteer their time on the various boards and commissions that service the community. Please see below the available opportunities to volunteer. This is your time to give back to your community. The Township appreciates your service!

If you would like more information on the Boards and Commissions that have vacancies please contact the Township at 610-345-0100.

#### Board of Auditors

3 Vacancies

#### Planning Commission

1 Vacancy

#### Uniform Construction Code Board of Appeals

2 Vacancies for alternates

#### Inniscrone Golf Course Advisory Committee

2 Vacancies

#### Environmental Advisory Committee

3 Vacancies



### WATER QUALITY REPORT

The 2017 Water Quality Consumer Confidence Report will be available to access on-line by June 1, 2018. Please visit [www.londongrove.org](http://www.londongrove.org) scroll to bottom of webpage, under "Quick Links" - Water Quality Consumer Confidence Report. This is an annual report required by Pennsylvania Department of Environment Protection for all public water suppliers in the Commonwealth of Pennsylvania.



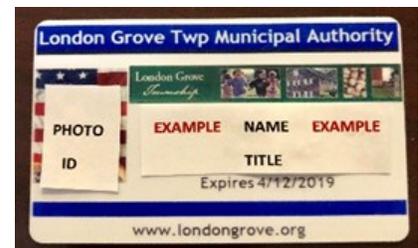
### FATS, OILS AND GREASE (F.O.G.)

Fats, Oils and Grease (F.O.G.) are substances that commercial, industrial and residential customers must **not** put in their sinks, toilets and drains. F.O.G. can ultimately create blockages in your privately-owned sewer pipes and in the public sewer system. Repair costs to clean/remove F.O.G. from the public sewer system are very expensive and ultimately will cost the consumer if this matter is not taken seriously. Please check the Township website, Public Water &

Sewer Municipal Authority, Fats, Oil & Grease Program for helpful ideas to keep F.O.G. out of the LGTMA Sewer System. Thank you.

### SAFETY FIRST!

London Grove Twp. Municipal Authority personnel should always have an appointment before they come into your house. All Municipal Authority personnel drive London Grove Township Municipal Authority vehicles, wear uniforms, and carry London Grove Twp. Municipal Authority identification. London Grove Township Municipal Authority provides all its employees with identification cards. The identification cards will show employees photo and name with the London Grove Logo at the top. **Example of Card:**



The Municipal Authority meets the 1<sup>st</sup> Monday of the month and *welcomes* the public. For any other information please feel free to contact the Municipal Authority Office at 610-345-0300.

Ms. Karen A. Linaweaver, Manager

London Grove Township

Municipal Authority

372 Rose Hill Road, Suite 300

West Grove, PA 19390

## AVON GROVE LIBRARY PLANS SPRING PROGRAMS FOR ALL AGES AND INTEREST

BY LISA SHERWOOD

From daily storytimes, homeschool programs, and special event weekend programming, to a teen service club, book club for adults, and crafting sessions for all ages, Avon Grove Library offers many opportunities for learning and enjoyment in spring 2018. Check the website [www.avongrovelibrary.org](http://www.avongrovelibrary.org) often for updates and additions.

### Children's and Family Programs:

Babies, toddlers and preschoolers, along with their caregivers, can attend **storytimes** held every weekday at the library. Most are themed for certain age groups, but older and younger siblings are always welcome. No registration or fees are necessary except for the Treetops Kitty Café storytime.

**Toddler Storytimes** are held every Tuesday at 9:30 and 10:30 a.m.

**Preschool Storytimes** are held every Monday at 10 a.m., Wednesday at 9:30 and 10:30 a.m., Thursday at 10 a.m. and Friday at 10 a.m.



**Cruise Into Kindergarten** will be held every Monday at 11 a.m. beginning March 5. Attendees participate in activities like circle time, stories, learning activities and art projects that prepare 4 and 5 year olds for kindergarten.

Avon Grove Library partners with Starbucks Coffee in Jennersville to offer a weekly **Storytime at Starbucks**, held every Thursday at 1 p.m.

**Pets and Friends Storytime**, a recent partnership with the Pets and Friends store in Jennersville, is held the first and third Monday of each month at 1 p.m. in the store.

**Storytime at Treetops Kitty Café** is held the third Thursday of each month at 10 a.m. Stories, crafts and playtime fun with the cats who are up for adoption. Kitty Café is located at 305 State Street, Kennett Square. Registration and fee required. To register and for more information, [www.treetopskittycafe.com](http://www.treetopskittycafe.com).

**Books and Breakfast** continues on the second Saturday of each month at 10 a.m. with season-themed stories, fun crafts and a delicious pancake breakfast. All ages are welcome to this lively family-friendly event. This free program requires no registration. On the first Saturday of each month at 1 p.m., visitors can build setups with tracks, buildings and accessories using the library's collection of **GeoTrax Trains**. This is a free program and no registration is needed. Children of all ages are welcome.

On the first Saturday of each month at 11 a.m. to noon, slots are available for a 10-minute session reading aloud to Cooper or Wesley, our **Paws for Reading** canine partners. All ages are welcome. Registration is required prior to this free program.

**Lego Club** and **Lego Block Party** are free, open to children of

all ages, and need no registration. **Lego Club** is held the first and third Thursday of each month 4:30-5:30 p.m.; **Lego Block Party** is held the fourth Saturday of each month 1-2 p.m. Legos, Duplos and/or MegaBlocks are provided. **Family Fort Nights** will be held on Fridays, March 2 and March 23 from 6:30-8 p.m. Families are invited to bring their own pillows and blankets and settle in to read, in pre-made forts located between the book shelves. Snacks and books will be provided. No registration is necessary for this free program.

**Cliffhangers Club** for 6- to 9-year-olds begins weekly on March 7 at 4:30 p.m. A librarian will read aloud from a chapter book over a series of weeks, start to finish, with plenty of "cliffhangers" in between. At the finish of each book, there will be an activity themed to the book. No registration is necessary for this free program.

Children in grades 1-5 are invited on Fridays in April, 4-5 pm, to **Stories and Snacks**. Attendees will enjoy themed stories and make an after-school snack. On April 6, participants will enjoy pizza; on April 13, ice cream; on April 20, cookies; and on April 27, pancakes. Registration is required for this free program, which is limited to 10 children.

Participate in **Longwood Reads** on Saturday, April 21 at 2 p.m. when a librarian will read *The Tree Lady* and other Earth Day themed books aloud. Attendees will also make eco-friendly crafts. All ages are welcome.

**Avon Grove Girls "Mary Ellen's Sock Hop"** on Friday May 18, 4-6 p.m., will turn back time to the 1950s with American Girl themed games, snacks, crafts, stories and more. Dolls also welcome! Registration is required for this free program.

**Family Spring Break Fun** -- Avon Grove schools will be closed various days this spring. Area children can enjoy their days off from school with a series of special library programs. No registration is necessary for these free programs, except where otherwise noted.

On Monday, March 26, 2-3 p.m., all ages are welcome to play **Candy Bar Bingo** and other games for chances to win candy and other treats.

**Make It, Take It Crafts** (drop-in crafting for families) will be held Tuesday March 27 and Friday March 30, 1-3 p.m. Attendees can choose from a variety of crafts and make one or more.

AVON GROVE  
LIBRARY

Read • Connect • Discover

Learn • Create • Inspire

## AVON GROVE LIBRARY PLANS SPRING PROGRAMS FOR ALL AGES AND INTEREST CONTINUED...

Using STEAM based ideas, participants can take part in an **Egg Drop** Wednesday, March 28 at 2 p.m. Attendees will be challenged to create packages to safely drop an egg from a distance of six feet.

During **Family Game Day** on Thursday, March 29, 1-3 p.m. families and friends can play with the library's toys and board games.

Families can bring the own hard-boiled eggs to dye and also enjoy themed stories and crafts on Thursday March 29, 6-7 p.m. during **Egg Dye**.

Homeschool Programs:

**Lunch Bunch Book Club** is a homeschool book club for 1<sup>st</sup>-3<sup>rd</sup> graders, who read an assigned book at home then come to the library to enjoy a bring-your-own lunch with friends while discussing the book and doing fun extension activities. Registration is required for this free program that meets the 1<sup>st</sup> Thursday of each month during the school year noon-1:30 p.m.

**Cooks Among Books** is a homeschool book club for 4<sup>th</sup>-6<sup>th</sup> graders, who read an assigned book at home and come to the library to enjoy a bring-your-own lunch with friends while discussing that book and then making a tasty treat related to the book. Registration is required for this free program that meets the 3<sup>rd</sup> Thursday of the month during the school year noon-1:30 p.m.

Teen Programs:

The **Teen Service Club** meets every Tuesday 3:30-5 p.m. Teens can accrue volunteer service hours by preparing storytime crafts, helping out at family programs, and participating in other activities to benefit the library. No registration is needed.

Teens in grades 6-12 can discover more about writing and how to sharpen their creative skills during **Teen Writing Workshop**. No experience is necessary. The workshop meets the third Saturday of every month.

**Young Adult Book Club** meets the third Saturday of every month from 1-2 p.m. Teens in grades 9-12 can read and discuss young adult books of all genres.

The Princeton Review and Avon Grove Library are sponsoring a free **ACT Practice Test** on Saturday March 17, 1-5 p.m. and a free **SAT Practice Test** on Saturday March 31, 1-5 p.m. Participants can register using the link on [www.avongrovelibrary.org](http://www.avongrovelibrary.org) under Teen Programs. Pre-registration is required to participate, and each test must be registered for separately. *Limited seating is available.* Registration forms will be used only for the purpose of registra-

tion, not for any solicitation. Avon Grove Library does not hereby endorse or promote The Princeton Review.

**Teen Spring Break Fun** -- Avon Grove schools will be closed various days this spring. Area teens can enjoy their days off from school with a series of special library programs.

On Tuesday, March 27, 5:30-6:30 p.m., 6<sup>th</sup>-12<sup>th</sup> graders can join in **Cupcake Wars** where attendees will showcase their creativity with cupcake decorating skills. All materials provided. Registration is required for this free program.

On Friday, March 30, 5:30-6:30 p.m., 6<sup>th</sup>-12<sup>th</sup> graders will search for candy-filled treats during an **Egg Hunt** in the library after hours. No registration is necessary for this free program.

Adult Programs:

Avon Grove Library's **Book Club for Adults** meets the third Thursday of each month at 6:30 p.m. Participants vote on the titles to read and gather monthly for lively conversation. No registration is necessary for this free program.

**Craft and Create for Adults** meets the first and second Thursday of each month at 6:30 p.m. Participants bring their own favorite project (painting, sewing, scrapbooking, etc.) and enjoy the company of other adults while crafting. No registration is necessary for this free program for adults 18 and over.

**Sit and Knit** will be held on the first and third Monday of each month, 4:30-6 p.m. Participants of any experience level should bring a project they are working on to learn tips and share ideas with other knitters. This program is also intended for crochet and embroidery crafters. All adults and children accompanied by an adult and are welcome. No registration is needed for this free program.

AAA partners with Avon Grove Library to present "**Senior Driving – A Refresher Course**" on Thursday, March 29 at 2 p.m. Topics discussed include rules of the road, common driver distractions and more. No registration is necessary for this free program.

Area residents can learn more about storytimes, classes and programs at [www.avongrovelibrary.org](http://www.avongrovelibrary.org), which is updated frequently with new programs and details.

Located in the heart of West Grove, Pa., Avon Grove Library is a vital educational institution, offering equal opportunity for self-directed learning, research assistance and instruction, and enriching experiences to over 30,000 people of all ages in southern Chester County. The library is a member of the Chester County Library System.

**Whose Trees Are These?**

London Grove Township periodically experiences trees falling down during storms, some of which have been found to have been dead or dying. This article provides some general information to property owners highlighting their responsibility to maintain their trees to prevent damage or injury.

All landowners are responsible for the trees and other conditions on their own properties. Although the Township has numerous rights-of-way that extend beyond the paved portions of Township-owned roadways, the abutting landowner is responsible for maintaining the trees and other conditions up to the edge of the roadway. This also includes all vegetation (whether wild or landscaped), as well as any sidewalks, driveways or other conditions outside of the roadway.

The Township is only responsible for certain conditions located within the paved roadways that are under the Township's control, and the Township has not assumed the maintenance responsibility for areas located outside of the paved roadway but within the Township's right-of-way.

Although the Township may at times clear trees, vegetation, and other debris obstructing a roadway, it is the abutting landowner's ultimate responsibility to prevent such obstructions from entering the roadway.

Please have your property inspected for any trees or conditions that may be at risk of falling or otherwise endangering the lives and property of those around you. Simple preventative action can help avoid potential significant loss.



**TRASH & RECYCLING DAYS AT SECCRA**

This is free event for Township residents only. Residence is defined as any dwelling unit used as a place of human habitation, which is not commercial, municipal, institutional, or a community activity.

For those items that cannot be recycled at the curbside these events will be Saturday, May 19, 2018 and again on Saturday, October 6, 2018.

Recycling occurs at SECCRA throughout the year, fees could apply.

By filling out a Brush Disposal Permit, Township residents are able to dump directly at SECCRA Landfill during their normal business

hours. This is free of charge offered to residents only. Brush Disposal permits are available at the Township Office, please bring Photo ID with proof of residency, permits will be issued each calendar year.

**May Not Participate**

- Businesses
- Commercial entities
- Landlords
- Non-residents
- Organizations

**Accepted Items**

- **Appliances:** refrigerators, washers, dryers, air conditioners, humidifiers, stoves, empty grills
  - **Electronics:** computers, monitors, televisions, stereo equipment, printers, cell phones, DVD players, basically anything that has a circuit board
  - **Automobile Tires:** limit 4 per load per residence, large batteries, such as those in automobiles or tractors
  - **Bulky Waste:** furniture, mattresses, carpet, doors, windows, etc.
  - Residential 20 pound propane tanks (empty)
- No materials will be accepted from "clean outs" of residences**

**When**

Saturday, May 19, 2018 and Saturday, October 6, 2018

**Where**

SECCRA Community Landfill (1-4 pm SHARP)  
219 Street Road  
West Grove, PA 19390



**WATERSHED RESIDENTS ENGAGE IN HELPING THE ENVIRONMENT ONE MEASUREMENT AT A TIME**  
**BY SHANE MORGAN AND JILLIAN YOUNG**



Have you ever considered volunteering your existing expertise or learning new skills to help the environment? You can join a team of citizen scientists studying the White Clay while experiencing our beautiful streams first-hand. Citizen science bridges the gap between the scientific community and the public, engaging people of all background in gathering scientific data used for research and natural resources management.

The White Clay Creek Wild and Scenic River Program relies on data collected by trained citizen scientists to help keep a pulse on stream health. On a typical day, citizen scientists are out in the field taking water quality samples and stream measurements. These data provide baseline information on streams that haven't been assessed by state agencies and help to detect changing water quality trends over time. Ultimately, this information informs decisions regarding land use, land management, and land protection – all of which have a significant impact on water quality and stream health. Learn how local volunteers have contributed greatly to citizen science in the White Clay:

Marion Waggoner, a retired physical chemist, and Dave Yake, a retired chemical engineer, are watershed residents who began their journey three years ago when a private water company gave notice of plans to begin pumping a well adjacent to their local stream, Broad Run, in New Garden Township. Their initial work measuring stream flow at several points along Broad Run grew into a larger interest in the watershed and water quality as a whole. Marion and Dave recognized the need for more information on smaller creeks throughout White Clay and expanded into measuring stream flow and taking additional water quality measurements at other stream locations throughout the watershed. Combining their backgrounds, they developed their own base flow and runoff model to predict how much water will flow after any given rain event. Their goal is to share this model with other citizen science programs beyond the White Clay. Marion believes there are other people out there looking for more purpose, and being a citizen scientist is one way of finding that, adding, "I didn't know volunteering would be quite as fulfilling as it is."



Rob Tuttle began his path as a citizen scientist as a volunteer for the Delaware Nature Society. As a volunteer, he noticed a need to expedite the analysis and reporting of the stream data collected. Using his background in software engineering, Rob created a stream data analysis program to interpret water quality data that is currently being tested by the White Clay Wild and Scenic Program in collaboration with the Delaware Nature Society's Stream Watch Program and The Nature Conservancy Stream Stewards Program. The software program Rob created allows for quick and easy reporting of stream data, including identifying water quality trends and water quality issues. Ultimately, Rob hopes his program will help natural resource managers communicate information and educate others about water quality so they will be more engaged in watershed restoration and protection. When asked about his experience as a citizen scientist, Rob commented, ***"There are many opportunities to apply your scientific skills, to continue learning, and to contribute to a better and sustainable future. I have found my volunteer experience quite rewarding."***

Marion, Dave, and Rob have strong science backgrounds, but you don't need a science background to participate - anyone can volunteer and learn with a little training. David Bressler, Citizen Science Project Facilitator at Stroud Water Research Center, provides technical assistance and training to watershed organizations building their own citizen science programs. Currently, Dave is providing guidance in the deployment and use of EnviroDIY Sensor Stations. These instruments take continuous measurements of electrical conductivity, water temperature, water depth, and turbidity. Dave and other Stroud scientists also provide workshops and technical assistance to citizen scientists and natural resource managers throughout the region as part of the Delaware River Watershed Initiative supported by the William Penn Foundation. Dave hopes to promote a more science literate culture through this initiative, as well as to develop a richer set of data describing conditions in the Delaware River basin. He wants citizen scientists to understand their goal before going into the field. Knowing what their goal is will allow for better measurements and understanding of the scientific process. Ultimately, "communicating effectively" is the target, which will in return make the scientific process more understandable and accessible.

As the White Clay Wild and Scenic Program Manager, I hope to build upon the foundation laid down by these volunteers to engage more people in watershed management and to create a strong and informed network of citizen scientists who are stewards and advocates for our natural resources. As the program expands, there will be additional needs and opportunities for citizens to contribute to science in the White Clay. To learn more visit <http://whiteclay.org/streamwatch>.

## PUBLIC WORKS DEPARTMENT NEWS BY SHANE KINSEY

### 10 Things You Can Do To Prevent Stormwater Runoff Pollution

April showers bring May flowers! Is the old saying for the Spring rains that we will be getting to bring out all those beautiful flowers. With those rains comes stormwater runoff. To prevent pollution please follow these 10 steps.

1. Use fertilizers sparingly and sweep up driveways, sidewalks and gutters.
2. Never dump anything down storm drains or in streams.
3. Vegetate bare spots in your yard.
4. Compost your yard waste.
5. Use least toxic pesticides, follow labels, and learn how to prevent pest problems.
6. Direct downspouts away from paved surfaces; consider a rain garden to capture runoff.
7. Take your car to the car wash instead of washing it in the driveway.
8. Check your car for leaks and recycle your motor oil.
9. Pick up after your pet.
10. Have your septic tank pumped and system inspected regularly.



### LONDON GROVE TOWNSHIP ADDING BEET JUICE TO WINTER ARSENAL

During the ice storm that hit the area on the morning of February 7, 2018, London Grove Township began utilizing Sugar Beet Molasses in its fight against winter weather. The township has been utilizing Sodium Brine for several years, but with the recent completion of their state of the art brine facility as part of a new Public Works complex, the Township can mix brine solutions specific to each storm. The ability to custom blend “Super Brine” for each storm will provide a quicker acting, more environmentally safe and fiscally responsible solution to both anti-icing and de-icing operations. The Sugar Beet Molasses is a byproduct of sugar production utilizing sugar beets. Sugar beets are utilized to produce 20% of the sugar used worldwide. London Grove Township purchases “Geomelt 55” from GVM Incorporated of East Berlin, Pa in 4500-gallon tanker truck loads. The Geomelt 55 is then blended with Sodium Chloride Brine and Calcium Chloride to produce “Super Brine”. A blend of 85% Sodium Chloride, 10% Geomelt 55, and 5% Calcium Chloride is used for a typical Southeastern Pennsylvania Storm, however the blend can be adjusted based on the precipitation type or temperature profile of a storm. The blending of these liquids can make the salt, which normally is only effective to around 20 degrees Fahrenheit, effective to negative 40 degrees Fahrenheit. The Sugar Beet Molasses is a coffee brown liquid and not the typical red beet juice we all think of. The “Super Brine” can best be described to look like tea. The product will not stain vehicles and lowers the corrosive nature of the materials used during a storm. Studies have shown that the use of “Super Brine” as a prewetting agent can reduce salt usage by 30% by not only reducing the bounce and scatter as the salt is spread but also “jump starting” the chemical reaction and making the salt more effective. The employees of London Grove Township will use the “Super Brine” not only as a prewetting agent, but also to pre-treat the roads prior to a storm. This pre-treating helps prevent the snow and ice from sticking to the road as a storm starts. Using “Super Brine”, with beet juice” it helps to prevent the dust that forms when plain sodium brine pretreatments dry, this helps reduce corrosion for the motoring public and allows the pre-treatment to be done up to 4 days before a storm. London Grove Township Public Works has completely designed and



built the sodium brine production unit, as well as the storage, blending, and loading systems. The Public Works staff also designed and built both 1250-gallon anti-icing units which are used to store and apply the brine before a storm. Utilizing this custom-built equipment has resulted in a significant savings over the purchase of commercially available equipment.



# Blood Drive

Save a life. Eat a cookie.  
(That's a good day.)

## LONDON GROVE TOWNSHIP BLOOD DRIVE

Friday, July 6, 2018

10:00 a.m. till 3:00 p.m.

**London Grove Township Building**

Log on for helpful tips and to reserve your appointment time.

[www.redcrossblood.org/make-donation](http://www.redcrossblood.org/make-donation)

London Grove Township Building  
372 Rose Hill Road, Suite 100  
West Grove, PA 19390

Search by sponsor code: **londongrove** to schedule an appointment.

For Donor Eligibility Guidelines: Call **1-800-REDCROSS**

\*\*\*Please contact [tedra.farrell@redcross.org](mailto:tedra.farrell@redcross.org) if you experience issues



RECYCLING CORNER BY: SUZANNE SYLVINA

**Spring Recycling-** Think about the Environment When Cleaning Out Your Home This Spring.

To most people March means spring cleaning. Spring cleaning can be a major problem for some homeowners, but with these easy and fun recycling tricks, you won't have excess garbage to worry about for months to come!

**Deep in Thought**

While in each room look for items you haven't used in awhile and place them in a container. If you can't think of why you haven't used them recently, it's time to throw out, recycle, or donate. If you didn't even remember you had these items, they won't be missed!

**Be creative**

Just because something is old doesn't mean it can't be reused as something completely different! Don't be afraid to be creative with your items. Some ideas include:

- Old clothing can become cleaning rags.
- Tired looking armchairs and sofas can be reupholstered for a fresh new look.
- Old birthday cards and scrap paper can go right into your child's craft bins for use later.
- Have new tableware? Try utilizing your old bowls and dishes as cutlery organizers, cupcake stands, and jewelry dishes.

**Empty Space**

Do you have empty space under your cabinets in your bathroom or a little storage area in your hallway? Consider putting small recycling bins there to remind your family how easily things can be recycled. Most people forget to recycle because their bins may be too far away, but with these reminders, they have no excuses!

**Reuse vs. Disposable**

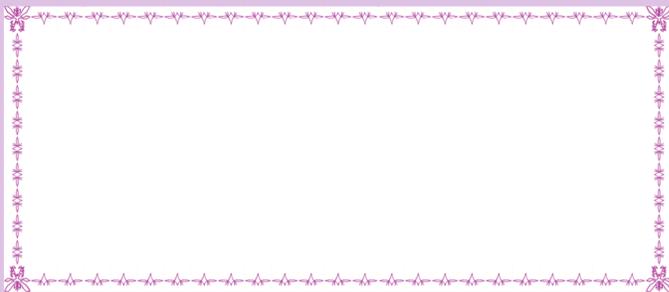
It's impossible to thoroughly clean your home without using mounds of paper towels and rags. These paper products usually end up in landfills. Instead, use reusable cloths. Use cleaning solutions that evaporate or can be vacuumed up, and if you have to use paper, be conservative with how much product you actually use!

**Keep these tips in mind, and you will have a successful Spring cleaning!**



The Township is doing their part to reduce and recycle. We are offering the newsletter electronically now. Please sign up on our website if you are interested in receiving them, [www.londongrove.org](http://www.londongrove.org). If you do not have access to a computer or want to continue having the newsletters mailed to you, please call the Township at (610) 345-0100.

Sincerely,  
Dawn Maciejczyk  
Editor



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London Grove Township  
372 Rose Hill Road, Suite 100  
West Grove, PA 19390

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