



## Lake Wallenpaupack to be even better flood control resource

Lake Wallenpaupack will be even more valuable as a flood control resource now that PPL Corporation has received interim approval to use regional snowpack data in managing the water level in the lake.

The change, suggested by PPL and approved on an interim basis by the Delaware River Basin Commission, meant that PPL could lower the lake level in March and April based on the amount of snow on the ground, allowing the lake to hold back more water during heavy spring rains.

The more water the lake holds back, the less flooding there is downstream.

During the nor'easter on April 15 and 16, Lake Wallenpaupack held more than 3 billion gallons of rain and runoff.

PPL manages the water level in the lake to balance many interests. Besides flood control, the lake provides drought relief, recreation and water power for PPL's Wallenpaupack hydroelectric plant. Setting the proper water level is the key to managing these interests successfully.

Until now, PPL did not have accurate data on regional snowpack. That data was recently made available to the public by the National Weather Service.

Month	Normal Target Level First of Month (Ft. elev. above sea level)	Actual Level First of Month (Ft. elev. above sea level)	Monthly total Rainfall (inches)	Water Flow for Generation (Billions of gallons)
January	1183.0'	1182.8'	2.80"	10.390 BG
February	1182.0'	1182.0'	2.95"	5.835 BG
March	1181.5 - Normal 1179.0' (SWE Adj.)*	1179.1'	3.60"	10.262 BG
April	1182.3'	1184.8'	5.37"	17.997 BG
May	1185.6'	1185.8'		

\*Snow water equivalent adjustment



## Discover fun programs at learning center

Whether tracking butterflies, hopping after some frogs, learning to fish or discovering how a dam works, you'll find plenty to do at PPL's Wallenpaupack Environmental Learning Center. The center is offering fun, family programs throughout the summer:

- **A Citizen's Guide to Stream, Lake and Wetland Conservation:** Learn about Pennsylvania's water resources and what you can do to protect them; 7-9 p.m. Tuesday, June 19.
- **Reptiles and Amphibians:** The species of frog, toad, salamander, lizard, snake and turtle in our region will be explored in this great program featuring live animals; 2-3:30 p.m. Saturday, July 14.
- **Youth Angling Workshop:** Kids ages 9-12 are invited to this free summer program where they will learn about fishing, casting, fly-tying and much more. The program will be held on select Saturdays and Thursdays in July and August. For more information or to register, contact PPL at 570-251-6196 or [pplpreserves@pplweb.com](mailto:pplpreserves@pplweb.com).
- **Butterflies Abound:** Discover the colorful and intricate wing patterns,

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# Help keep Lake Wallenpaupack beautiful

The pristine appearance of Lake Wallenpaupack is part of its appeal.

You can better appreciate the unspoiled beauty of Lake Wallenpaupack if you have seen a lake with entire sections that are green with algae. Not only is this overgrowth ugly, it is deadly to fish because algae consume nearly all of the oxygen in the water.

This overgrowth is due to eutrophication, which occurs when the water takes on too much nitrogen and phosphorus that act as fertilizers to certain lake plants like algae and can cause their excessive growth.

You can help maintain Lake Wallenpaupack's natural beauty by taking these preventive actions:

- Maintain your septic system. Have it checked and pumped regularly.
- Check the ingredients on household laundry and dish

detergents. Use a brand that does not contain phosphorus.

- Use approved herbicides to control poison ivy. The only herbicides that you can use on PPL property are those for poison ivy, and you must obtain a permit to use them.
- Front-lot owners can help clean up the shoreline by removing all nonpermissible items, previously permitted items that are no longer used and all debris that washes in.
- Lake policy prohibits raking or burning leaves or the burning of any material below the high-water mark of lake, which is 1,187 feet above sea level. Compost your leaves rather than raking them into the lake. Leaves make nutrient-rich mulch for gardens.

## Plan ahead for 2008 nonstandard permits

Lakefront property owners who plan to have work done that requires a nonstandard permit in 2008 should submit the request now.

PPL reviews requests for Nonstandard Shoreline Use Permits on an individual basis, and the process of acquiring this permit may take several months. Permit applications for 2007 are no longer being accepted.

Examples of work requiring a nonstandard permit include:

- Maintenance or reconstruction of existing structures such as ramps or steps located below the normal high-water mark of the lake.
- Large stone removal below the normal high-water mark of the lake in order to enhance walking access to a dock.
- Placement of a gravel path below the high-water mark of the lake to provide walking access to a dock.
- The placement of steps below the high-water mark of the lake.
- Lakebed maintenance dredging to maintain adequate water depths at permitted docks.
- Installation of a nonstandard path or road inland of the normal high-water mark of the lake.
- Shoreline stabilization and protection structures including shoreline bank stabilization and drainage improvements above or below the high-water mark of the lake.

PPL approval for this type of work may be requested through the nonstandard permit application. In most cases, federal, state or local regulatory approval and/or permits will be required before PPL will issue a permit. A PPL permit must be acquired before any construction may commence on PPL property.

For more information or to obtain a nonstandard permit application, please contact AnnaLisa Black at 570-226-8597 or [ablack@pplweb.com](mailto:ablack@pplweb.com).

## Lake Wallenpaupack Community Third Annual Open House

Friday, Aug. 10  
PPL's Wallenpaupack  
Environmental  
Learning Center Auditorium

Mark your calendar for the Third Annual Open House at the Wallenpaupack Environmental Learning Center. Join us for tours of the center and dam. There also will be several organizations displaying information about their local efforts in the watershed. For updates on the schedule for the day, visit [www.pplprojectearth.com](http://www.pplprojectearth.com) and click on "Calendar of Events."

## Learning Center unveils new displays

The Lake Wallenpaupack Environmental Learning Center has added two new displays to educate visitors on the history of the lake and the many roles it plays in the community.

Installed in January, the lake level display explains how various community interests – including electricity generation, flood control, drought relief, tourism and recreation – can lead to conflicting demands on the level of the lake water.

"Water levels are one of the main concerns for the communities surrounding Lake Wallenpaupack," said Paul Canevari, regional community relations director. "This display is part of PPL's ongoing effort to educate and inform our neighbors about the lake's operations and how we work to balance company, community and environmental needs."

Another display recently installed at the learning center highlights the history of the Lake Wallenpaupack Dam and how it has evolved over the decades.

While you're checking out the display, find out about the many educational programs available at the learning center year-round.

## Committee focuses on flooding concerns

A group of key community leaders, area residents and local officials has been meeting to address flooding concerns that surfaced after the June 2006 flood on the Lackawaxen River.

The Flood Mitigation Subcommittee of the PPL Lake Wallenpaupack Advisory Committee held its first public meeting in March to discuss the work being done and how changes made in the way the lake is managed will help enhance flood protection.

At the public meeting, the subcommittee unveiled a model being developed to help PPL better gauge the

water content of existing snowpack, prepare for predicted rainfall and calculate storm water flows into the lake. The subcommittee also has mailed a progress report to people who live along the Lackawaxen.

Flood control aspects of the lake have the greatest benefits in Pike and Wayne counties, but communities downriver also have expressed interest in the effect of lake operations on the Delaware River. PPL has discussed lake operations with elected officials in Bucks County.

## Lake Wallenpaupack a launchpad for geocaching adventures

If you're looking for a reason to get outside, you're about to "cache" in. PPL has set up a geocaching challenge at Lake Wallenpaupack that's fun for the whole family.

A treasure hunt for the 21<sup>st</sup> century, geocaching is a new trend growing in popularity with the increasing availability of hand-held Global Positioning System devices. Individuals and organizations set up caches throughout the world and share the location coordinates on the Internet. GPS users can then use the coordinates to find the caches – often simple containers with logbooks and trinkets.

Once you've found the cache, you take something, leave something and write something down in the logbook. The "treasure" may be small, but the bragging rights are big.

So get outside and begin your geocaching adventure.

For more information and starting coordinates for PPL's Lake Wallenpaupack geocache, go to [www.pplgeocaching.com](http://www.pplgeocaching.com).



**PPL's Geocaching**  
A Treasure Hunt for the 21st Century



**PPL Lake Office**  
P.O. Box 122  
Hawley, PA 18428

## Learn about the lake's history and biology

You're invited to participate in field studies to learn about the history and biology of Lake Wallenpaupack.

The program is for adult participants, who will learn about local history, watershed pollution control, stream and lake ecology, and wetland biology of one of Pennsylvania's largest lakes.

All the activities will begin at 5:30 p.m. in the Lake Wallenpaupack Environmental Learning Center. The program includes five sessions:

- **History of Lake Wallenpaupack:** Includes a tour of the dam and hydroelectric power plant. Monday, July 9.
- **Wallenpaupack Watershed Pollution Control:** Presentation by the Lake Wallenpaupack Watershed Management District and a tour of pollution controls in the watershed. Monday, July 16.
- **Lake Study:** Perform some of the same aquatic biology tests as done by lake biologists. Monday, July 23.
- **Stream Study:** Spend time learning about some creatures in local streams. Monday, July 30.
- **Wetland Study:** Learn about the importance and identification of wetlands. Monday, Aug. 6.

Registration is required. You may register anytime for any of the activities up to the day before each session. To register or for more information, call the Wallenpaupack Area School District's Community Education Office at 570-226-4557 ext. 3000.

## Fun programs

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erratic flight paths, fascinating life cycles and amazing migrations that make butterflies one of the most interesting insect groups to study; 1:30-3 p.m. Sunday, Aug. 5.

For more information about the programs PPL is offering this summer and to register, visit the Wallenpaupack Environmental Learning Center or contact us at 570-251-6196 or [pplpreserves@pplweb.com](mailto:pplpreserves@pplweb.com).

PPL provides these programs as part of PPL Project Earth, an initiative through which the company educates the public about energy resources and the environment.