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APPENDIX A:

Watershed Organizations in Pike County: Information and Volunteer Opportunities

Bushkill Watershed Conservancy

The Bushkill Watershed Conservancy (BWC) is dedicated to promoting stewardship for the protection and preservation of the high quality recreational land and water resources of the Bushkill Creek, Little Bushkill Creek and Saw Creek Watersheds. The Conservancy seeks to promote a forum for sharing information on watershed issues, to foster the development of local natural resource protection and restoration programs and to encourage cooperation on all levels of watershed conservation.

BWC hosts educational programs for the general public related to conservation issues in the Northeast Region. BWC accomplishments include a program that established stream signs throughout the watershed and development of a web site. Future plans include developing a stream-based water quality monitoring program. The majority of the Bushkill watershed lies within the boundaries of Pike County and includes all or portions of Porter, Lehman, Delaware, Dingman, Greene and Blooming Grove Townships.

Volunteer Opportunities:

- Participating in BWC's water quality monitoring program
- Assisting with membership/volunteer recruitment
- Maintaining the BWC web site
- Providing educational outreach programs for grade school to adult audiences
- Manning a display and information booth at community events
- Contributing to the BWC newsletter

Contact Information:

Bushkill Watershed Conservancy

P.O. Box 193 • Bushkill, PA 18324

Telephone: 570-226-8220

Email: pikecd@pikepa.org

Web site: www.bushkillwatershed.org/index.htm

The Lackawaxen River Conservancy

The Lackawaxen River Conservancy (TLRC) is a cohesive group of local residents who have joined together for a common purpose: the protection of the Lackawaxen River, its wildlife, watershed and natural beauty. Formed in 2001, TLRC strives to promote both community awareness of the ecological importance of the Lackawaxen River's environment and good stewardship of the natural resources of the Lackawaxen River Watershed for the benefit of both current and future residents.

TLRC provides a proactive community voice and actively participates as a partner with other organizations, local governments and residents in regional affairs, legislation, and planning issues that affect the river and its watershed. The Conservancy also works with local municipalities to encourage planning for sustainable development and conservation of water resources.

TLRC offers public education programs throughout the year on a wide variety of topics. Future plans include establishing a water quality monitoring program. The lower, southeastern portion of the Lackawaxen River Watershed lies within the boundaries of Pike County and includes all, or portions of, Lackawaxen, Blooming Grove, Palmyra and Greene Townships.

Volunteer Opportunities:

- Organizing TLRC's public outreach program including enlisting speakers and advertising events
- Manning TLRC informational booths at community events
- Increasing resident participation in the Conservancy through membership recruitment
- Participating in TLRC's water quality monitoring program

Contact Information:

The Lackawaxen River Conservancy
P.O. Box 176 • Rowland, PA 18457
Email: info@lackawaxenriver.org
Web site: www.lackawaxenriver.org

Lake Wallenpaupack Watershed Management District

The Lake Wallenpaupack Watershed Management District (LWWMD) is among the nation's first watershed organizations. Created in 1980 to address declining water quality in Lake Wallenpaupack, LWWMD continues today in its mission to protect and restore the lake and its contributing watershed.

The LWWMD Board of Directors is comprised of county commissioners, township supervisors, conservation district representatives, area business people and interested citizens. Since its inception, LWWMD has worked with F. X. Browne, Inc. in the analysis and improvement of water quality of Lake Wallenpaupack.

Accomplishments include creation of an innovative, watershed-based, model stormwater ordinance; obtaining federal and state grant funding totaling over one million dollars for water quality analysis and implementation of projects to improve farming practices and reduce soil sediment and nutrient pollution; and development of an award-winning environmental curriculum in cooperation with the Wallenpaupack Area School District.

Volunteer Opportunities:

The work of the Lake Wallenpaupack Watershed Management District is accomplished by its Board of Directors and the scientists, water quality specialists, and engineers, of F.X. Browne, Inc.

Contact Information:

Lake Wallenpaupack Watershed Management District

P.O. Box 143 • Hawley, PA 18428

Telephone: 570-226-3865

Email: LWWMD@ptd.net

Web site: www.wallenpaupackwatershed.org

Twin and Walker Creeks Watershed Conservancy

The Twin and Walker Creeks Watershed Conservancy (TWCWC) is a non-profit organization dedicated to promoting a better understanding of the Twin and Walker Creeks Watershed and its ecosystems, and to protecting, restoring and enhancing the watershed through proper management and watershed stewardship. Organized in 2000, TWCWC currently has a membership of 200 watershed residents.

The Conservancy maintains a water quality monitoring program for Twin and Walker Lakes, publishes a watershed newsletter and hosts educational programs and workshops for residents and community associations. To better direct its conservation efforts, TWCWC initiated a watershed assessment which identified priority issues affecting the Twin and Walker Creeks Watershed. TWCWC is continuing an on-lot sewage system assessment and education outreach program. The watershed lies entirely within the boundaries of Pike County and includes all or portions of Shohola and Dingman Townships.

Volunteer Opportunities:

- Collecting water samples as a part of the Conservancy's water quality monitoring program on both the Twin and Walker Lakes
- Participating in TWCWC's ongoing on-lot sewage system assessment and education program

Contact Information:

Twin and Walker Creeks Watershed Conservancy
Peter Wulfhorst, President • 100 Walker Lake Road
Shohola, PA 18458
Telephone: 570-296-3400
Email: PtW3@psu.edu
Web site: www.twcwc.com

APPENDIX B:

Pike County Municipalities Contact Information and Public Meeting Schedules

Abbreviations:

ARB – Architectural Review Board meeting BC – Borough Council meeting
PC – Planning Commission meeting S – Supervisor meeting

Blooming Grove Township Supervisors

Ms. Jo-Anna Donahue, Secretary/Treasurer
488 Route 739 • Blooming Grove, PA 18428-9039
Phone: (570) 775-6461 • Fax: (570) 775-9322
Email: joanna.donahue@bloominggrovetownship.com
Web site: www.bloominggrovetownship.com
S - 1st & 3rd Mon @ 7:00 pm • PC - 2nd Wed at 6:00 pm
Office Hours: M-F 8:00 am - 4:00 pm

Delaware Township Supervisors

Ms. Ileana Hernandez, Secretary/Treasurer
116 Wilson Hill Road • Dingmans Ferry, PA 18328
Phone: (570) 828-2347 • Fax: (570) 828-8705
Email: dtbos@ptd.net
S - 2nd & 4th Wed. @ 7:30 pm • PC - 1st & 3rd Wed @ 7:30 pm
Office Hours: M-F 8:30 am - 3:00 pm

Dingman Township Supervisors

Mrs. Karen Kleist, Secretary/Treasurer
118 Fisher Lane • Milford, PA 18337
Phone: (570) 296-8455 • Fax: (570) 296-2150
Web site: www.dingmantownship.org
S - 1st & 3rd Tues @ 7:30 pm • PC - 4th Wed @ 7:30 pm and
2nd Wed workshop session
Office Hours: M-F 8:30 am - 3:30 pm

Greene Township Supervisors

Mrs. Linda Kramer, Secretary
P.O. Box 243 • Greentown, PA 18426
Phone: (570) 676-9325 • Fax: (570) 676-9867
S - 1st Wed @ 7:00 pm • PC - 2nd Wed @ 7:00 pm
Office Hours: M-W-F 9:00 am - 12:00 pm

Lackawaxen Township Supervisors

Mrs. Shawn Roe, Secretary

P.O. Box 205 • Lackawaxen, PA 18435

Phone: (570) 685-7288 • Fax: (570) 685-2550

Email: township@ltis.net

Web site: www.lackawaxen.org

S - 3rd Wed @ 6:30 pm • PC - 1st Wed @ 7:00 pm

Office Hours: M-F 7:00 am - 3:00 pm

Lehman Township Supervisors

Mr. Robert Rohner, Secretary

RR #4 Box 4000 • Bushkill, PA 18324

Phone: (570) 588-9365 • Fax: (570) 588-1864

Email: lehmanpk@ptd.net

Web site: www.lehmantownship.com

S - 1st & 3rd Thurs @ 7:30 pm • PC - 2nd Thurs @ 7:00 pm

Office Hours: M-F 8:00 am - 4:00 pm

Matamoras Borough Council

Mrs. Nancy Buchanan, Secretary

P.O. Box 207 • Matamoras, PA 18336

Phone: (570) 491-2771 • Fax: (570) 491-2090

Email: mataboro@optonline.net

BC - 1st Tues @ 7:30 pm • PC - 3rd Tues @ 7:00 pm

Office Hours: T-W-TH 11:00 am - 2:00 pm

Milford Borough Council

Ms. Lizanne Samuelson, Secretary

111 West Catherine Street • Milford, PA 18337

Phone: (570) 296-7140 • (570) 296-4255 zoning office

Fax: (570) 296-6877

BC - 1st Mon @ 7:30 pm, PC - 2nd Mon @ 7:30 pm

ARB - 3rd Mon @ 7:30 pm

Office Hours: M-W-TH-F 9:00 am - 5:30 pm

Milford Township Supervisors

Mrs. Viola Canouse, Secretary

P.O. Box 366 • Milford, PA 18337

Phone: (570) 296-5540 • Fax: (570) 409-8348

Email: milfrdtp@ptd.net

S - 1st & 3rd Mon @ 7:00 pm • PC - 4th Tues @ 7:00 pm

Office Hours: M-TU-TH-F 9:00 am - 1:00 pm

Palmyra Township Supervisors

Mrs. Jo-Ann Rose, Secretary

HCR Box 15C • Paupack, PA 18451

Phone: (570) 226-2230 • Fax: (570) 226-2936

Email: palpike@ptd.net

S - 1st & 3rd Tues @ 7:30 pm • PC - 2nd Tues @ 7:30 pm

Office Hours: M-TH 8:00 am - 2:00 pm

Porter Township Supervisors

Ms. Theresa Rome, Secretary

HC 12 Box 461, Rt. 402 • Dingmans Ferry, PA 18328

Phone: (570) 775-7737 • Fax: (570) 775-7734

Email: portertw@ptd.net

S - 1st Mon @ 6:00 pm • PC - 1st Mon @ 5:00 pm

Office Hours: Call for appointment

Shohola Township Supervisors

Mrs. Nelia Wall, Secretary/Treasurer

159 Twin Lakes Road • Shohola, PA 18458

Phone: (570) 559-7394 • Fax: (570) 559-7523

Email: shohtwp@ptd.net

S - 2nd Thurs @ 7:30 pm • PC - 3rd Thurs @ 7:30 pm

Office Hours: M-F 8:30 am - 2:00 pm

Westfall Township Supervisors

Mrs. Lisa Green, Secretary

P.O. Box 247 • Matamoras, PA 18336

Phone: (570) 491-4065 • Fax: (570) 491-6353

Email: westfallsec@optonline.net

S - 1st Tues @ 7:00 pm • PC - 4th Tues @ 7:00 pm and

2nd Thurs 7:00 pm workshop

Office Hours: M-F 8:30 am - 3:00 pm

APPENDIX C:

Water Conservation at Home

(Adapted from the PA DEP fact sheet, “Drop by Drop: Use Water Wisely”)

Pike County’s groundwater supplies generally meet the water demands of residents and businesses. However, with rising levels of residential and commercial development, recurring drought conditions and increasing human demand, water conservation measures, practiced by businesses and residents, become increasingly important.

While the water withdrawn by an individual household well may not seem significant, many wells in the same watershed can have a cumulative effect. In addition to the potential impacts on residents and businesses, over withdrawal of groundwater also affects surface waters (streams, rivers, wetlands and lakes). Of particular concern are the many miles of streams draining Pike County watersheds. Over the course of a year, groundwater, flowing up from beneath the surface, supplies up to 80% of the water flowing through many of these streams and during dryer, hotter periods, 100% of the water flowing through many streams is supplied by Pike County’s groundwater resources.

Saving water at home also saves money. Residents on community water supplies that are charged a fee for water they use can lower their water bills. And any resident, whether on their own private well or a community well, can save money over the short-term by reducing energy costs, and over the long-term by lessening the wear-and-tear on water-using appliances (dishwashers, washing machines and water heaters) and extending the life of on-lot sewage treatment systems.

The primary water-saving options available to residents include:

- Installing low flow plumbing fixtures
- Purchasing water saving appliances
- Checking for household leaks
- Changing water use habits

Low Flow Plumbing Fixtures

Water saving plumbing fixtures and appliances are cost effective, providing short and long term economic advantages. Low-flow toilets, showerheads and faucet aerators save valuable water and energy used to heat water without requiring a change in personal use habits.

Bathroom

- If your present toilet was manufactured before 1994, consider placing a plastic gallon container in the toilet tank to save water with each flush. (Toilets manufactured since 1994 are designed to use less water).
- Install low flow showerheads and faucets that use no more than 2.5 gallons per minute at maximum flow.

Kitchen/Laundry

- Replace a top loading clothes washer with a front loading unit that uses about 30% less water and 40-50 % less energy.
- Operate a clothes washer or dishwasher only when fully loaded.
- Set the proper water level and load size selection on clothes washers according to the amount of laundry being washed.
- Install low flow aerators on all faucets.

Repair Leaks

- Fix leaky faucets and connections. Hot water leaks waste water, energy and money.
- A leak inside a toilet can waste up to 200 gallons of water a day. Toilet leaks can be detected by adding a few drops of food dye to water in the toilet tank. If the colored water appears in the bowl, the tank is leaking.

Changing Water Use Habits

In addition to installing low flow plumbing fixtures, purchasing water saving appliances and repairing leaks, water use can be reduced by changing your water use habits inside and outside the home.

Water Saving Tips Inside the Home

- Turn the faucet off while brushing teeth and use a glass of water for rinsing.
- When shaving, use a sink filled with rinse water instead of letting the faucet run.
- Take short showers instead of baths and consider bathing small children together.
- If the shower has a single hand control or shut-off valve, turn off while soaping or shampooing (some low flow shower heads offer a convenient shut-off valve for easily

turning a shower off and back on again without needing to adjust water temperature).

- Keep a container of water for drinking in the refrigerator instead of letting a faucet run until cold water flows.
- Rinse vegetables in the sink with the drain closed or in a pan of water and use leftover water for plants.
- If you wash dishes by hand, do not let the faucet run for rinsing. Instead, use a dish rack and spray device to rinse them. If you have two sinks, fill one with rinse water.

Water Saving Tips Outside the Home

- Use a broom, instead of a hose or power sprayer, to clean driveways, steps and sidewalks.
- Wash the car with water from a bucket. If a hose is used, control the flow with an automatic shut-off nozzle.
- Water the lawn only when needed. Grass that grows little or goes dormant during dry periods will generally rebound when rain returns.
- Water the lawn or garden during the coolest parts of the day in early morning or early evening. Avoid watering on windy days.
- Set sprinklers to water the lawn or garden only and not streets, driveways or sidewalks.
- Reduce the water use in the garden by 20 to 50 percent by using soaker hoses and drip or trickle irrigation systems. These systems also save time that would otherwise be spent watering.
- Use mulch around shrubs and garden plants to reduce loss of water from soils and to cut down on weed growth.
- In landscaping, use native plants that require less care and water.
- When not in use, cover swimming pools to prevent evaporation.
- Adjust lawn mowers to a higher setting to provide natural ground shade and to promote water retention by soil.

APPENDIX D:

Resource Conservation Organizations in Pike County: Information and Volunteer Opportunities

Alliance to Keep Pike Green

The Alliance to Keep Pike Green is a coalition of conservationists, business people, builders, landowners, local officials and community residents who are committed to preserving Pike County's high quality of life through effective, long-term planning and active conservation. The goal of the Alliance is to find balanced solutions to the population pressures that are threatening the high quality water resources, the forested landscapes and rural way of life that make Pike County unique.

The Alliance recognizes the importance of and supports residents in publicly expressing their support for wise and balanced planning – through Smart Growth strategies – that strives to accommodate increasing levels of commercial and residential development while conserving Pike County's highly valued natural resources.

Volunteer Opportunities:

- Staffing a booth at events, answering questions and handing out flyers on upcoming programs
- Hosting a meeting with neighbors or with a community group
- Providing general office support, scheduling meetings, stuffing envelopes for mailings and sending email notifications
- Writing articles on innovative growth and land development options
- Making updates to the Alliance website

Contact information:

Alliance to Keep Pike Green

P.O. Box 218 • Hawley, PA 18428

Telephone: 570-226-3164

Email: info@keeppikegreen.org

Web site: www.keeppikegreen.org

Delaware Highlands Conservancy

The Delaware Highlands Conservancy is dedicated to conserving the natural and cultural heritage of the Upper Delaware River region. Since its creation in 1994, the Conservancy has helped to protect over 5,500 acres of land providing ecological, recreational and economic benefit to residents of the region. The majority of land conserved through the Conservancy's efforts is protected through land preservation agreements between landowners and the Conservancy.

The Delaware Highlands Conservancy provides technical and, when available, financial assistance to landowners interested in protecting all or a portion of their property. In addition to working with individual landowners, the Conservancy runs a variety of educational events from environmental education programs for children to workshops for adults on protecting the land and water resources of their communities.

Volunteer Opportunities:

- Supporting the Conservancy's public relations and outreach by promoting and organizing education programs and outings and fundraising events
- Conducting field work on protected properties to collect information on existing cultural and natural resources
- Participating in annual field monitoring of protected sites
- Assisting with the annual Meadow Party
- Staffing informational displays at public events
- Crafting grant proposals to generate funding to support the Conservancy's activities
- Contributing to the Conservancy's quarterly newsletter including writing articles
- Providing office support including preparing mailings and website updates

Contact Information:

Delaware Highlands Conservancy

P.O. Box 218 • Hawley, PA 18428

Tel 570-226-3164

Email: info@delawarehighlands.org

Web site: www.delawarehighlands.org

The Eagle Institute

The Eagle Institute is a non-profit, volunteer organization dedicated to protecting the bald eagle in the Upper Delaware River watershed in New York and Pennsylvania and the lower Hudson River Valley of New York. To achieve this, the Institute promotes a stewardship ethic for bald eagle conservation through education, research and public awareness programs.

During the winter months, when approximately 150 eagles migrate to the region, the Institute assists visitors to find, identify and view bald eagles by posting volunteers at public viewing locations and providing guided eagle viewing trips. The Institute is also involved in the collection of scientific data on both the wintering and, in recent years, the growing breeding population of bald eagles in the region.

Volunteer Opportunities:

- Assisting at public events and programs, including the annual EagleFest
- Collecting data and monitoring habitat conditions
- Locating and identifying eagles
- Assisting visitors and answering questions about eagles and their habitat needs
- Providing clerical and administrative help including mailings and publicity
- Staffing the Institute's winter field office in Lackawaxen, PA

Contact Information:

The Eagle Institute
P.O. Box 182 • Barryville, NY, 12719
Telephone: 570-685-5960
or 845-557-6162
Email: eagleinstitute@yahoo.com
Web site: www.eagleinstitute.org

Grey Towers National Historic Site

Grey Towers National Historic Site is the ancestral home of the eminent conservationist Gifford Pinchot, first chief of the U.S. Forest Service and former two-term governor of Pennsylvania. The Grey Towers mission is to perpetuate the Pinchot conservation legacy.

The stone mansion and manicured gardens of the 100 acre estate are

managed by the U.S. Forest Service. Public interpretive tours and conservation education programs are available for school students, educators and visitors. Grey Towers also maintains a heritage resource program and functions as an active conference center for conservation and natural resource issues.

Volunteer Opportunities:

- Working with the Grey Towers horticulture team on maintaining garden areas
- Assisting the trails team with pedestrian trail upkeep
- Participating in conservation education youth programs
- Assisting with cultural events
- Supporting curatorial staff with historical research
- Providing guided tours

Contact Information:

Grey Towers National Historic Site
P.O. Box 188 • Milford, PA, 18337
Telephone: 570-296-9630
Email: greytowers@fs.fed.us
Web site: www.fs.fed.us/gt

Pocono Environmental Education Center

The Pocono Environmental Education Center (PEEC) strives to enhance environmental awareness, knowledge and appreciation through hands-on experience in a natural outdoor classroom. PEEC provides educational and recreational programs on a year-round basis to a widespread audience of school students, educators, families, scout and youth groups, individuals and local community members throughout the region.

PEEC uses a one-of-a-kind, 70,000-acre classroom, the Delaware Water Gap National Recreational Area, in which the complexities of nature and natural systems are available to every visitor to study. “Volunteers in PEEC” (VIP) share their skills and knowledge in managing the Center’s library, performing clerical duties, maintaining buildings and grounds and leading programs.

Volunteer Opportunities:

- Providing general office support including data entry
- Assisting with general grounds maintenance
- Providing support for special events
- Maintaining grounds and trails
- Providing instruction and presentations to a

variety of audiences

- Leading interpretive hikes
- Assisting at the Center's library
- Helping with mailings and marketing
- Patrolling the Center's trail system

Contact Information:

Pocono Environmental Education Center
RR 2 Box 1010 • Dingmans Ferry, PA 18328
Telephone: 570-828-2319
Email: peec@ptd.net
Web site: www.peec.org

**Promised Land State Park and Varden Conservation Area,
PA Department of Conservation and Natural Resources**

Promised Land State Park provides educational and recreational opportunities for park visitors and the general public including families and various youth and adult groups. Programs focus on fostering an awareness and understanding of natural, cultural and historical resources found locally and regionally both within and outside of park boundaries.

Volunteer Opportunities:

- Staffing the museum located at Promised Land State Park
- Assisting with educational programs
- Maintaining trails and lake shorelines
- Providing educational programs for park visitors
- Conducting historical research and surveying of natural resources
- Participating in work parties for annual community events

Contact Information:

Jen Naugle
Environmental Education Specialist/Volunteer Coordinator
Promised Land State Park/Varden Conservation Area
RR 1 Box 96 • Greentown, PA 18426
570-676-0567 or 570-676-3428
Email: promisedlandenedsp@state.pa.us
Web site: <http://www.dcnr.state.pa.us/stateparks/parks/promisedland.aspx>
and <http://www.dcnr.state.pa.us/stateparks/parks/varden.aspx>

APPENDIX E:

Water Testing

In Pennsylvania, protection and maintenance of a private well is largely the responsibility of the homeowner. A private well is typically a safe, dependable source of water if sited wisely and constructed properly.

However, even the best constructed well, placed in an appropriate location, is still vulnerable to contamination. The homeowner, interested in learning more about the quality of their well water, must take the initiative to have their water tested.

Based on groundwater contaminants that have been detected in residential and community wells in Pike County, listed below are some of the main water quality parameters to consider testing along with suggestions for how often to test for them:

Primary Concern:

- Total Coliform bacteria. Test annually (see note below).
- pH (measures acidity). Test every 3 years.
- TDS (Total Dissolved Solids). Test every 3 years.

If some or all of the pipes carrying your household drinking water are made of copper or other metals, test for the following*:

- Corrosivity
- Copper
- Lead (Testing for lead is recommended when metal pipes, installed prior to 1991, are part of a home's plumbing system).

*Test for these parameters in a new home or when testing a water supply for the first time. Consider repeating if a change is made to a home water supply system, such as the installation of a new well or if plastic plumbing is replaced with copper pipes.

Note:

- If total Coliform bacteria tests positive, follow-up with a test for *E. coli*.
- Nitrates: Consider testing if you have knowledge of your own or a neighbor's on-lot sewage system malfunctioning, if on-lot systems occur in high densities in your community or if there are any small-scale livestock operations (horses, llamas, goats) in the

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vicinity of your residence, particularly in proximity to your wellhead.

Secondary Concern: These parameters are related to any observed stains, tastes, odors, etc.

- Iron – test if orange stains or a metallic taste in your water is present. Common in this region.
- Manganese – test if black flecks or metallic taste in your water is present. Common in this region.

To help ensure accurate results, follow instructions for taking and storing water samples. PA DEP recommends that residents use a state certified lab to perform testing of samples collected. Check your phone book, visit the DEP website, at www.dep.state.pa.us/labs/ or contact the Conservation District for a list of certified labs offering water testing. Residents can also contact the Conservation District (570-226-8220) or their local Penn State Cooperative Extension office (570-296-3400) for more information on water testing.

Resources for More Information

Penn State University: www.age.psu.edu/extension/factsheets/f/. Includes fact sheets on water treatment.

Penn State University. Water Tests: What do the Numbers Mean? pubs.cas.psu.edu/freepubs/pdfs/agrs90.pdf

Wilkes University Drinking Water Testing and Information: www.water-research.net/helpguide.htm

APPENDIX F:

Source Water Protection for Community Water Supply Wells

Source Water Protection (SWP) plans are designed to protect community water supplies. A **Wellhead Protection (WHP)** plan is a specific kind of SWP plan that focuses on protecting the groundwater that supplies a community water well. WHP plans provide an excellent foundation on which Pike County communities can build for long-term groundwater management and protection.

Creating a WHP plan involves the following steps:

1. **Create a local community-based advisory committee** to provide input and assistance in directing the development of a WHP plan. In addition to community residents, elected officials, water system operators, watershed organization representatives, emergency management coordinators and conservation district staff are all candidates to participate on an advisory committee.
2. **Identify the area to be protected** by mapping the boundaries of the aquifers or community groundwater supplies found beneath the earth's surface. To accomplish this, a professional hydrogeologist or scientist with expertise in the field of groundwater management and protection is typically employed.
3. **Within the mapped area, identify and inventory risks for groundwater contamination** including commercial and industrial facilities, stockpiles of road salt, underground storage tanks, small-scale livestock operations, on-lot sewage disposal systems, abandoned wells and transport trucks hauling home heating oil and other potential contaminants on roads that cross over community aquifers.
4. **Develop a management and protection program** including risk management strategies, prioritizing potential sources of contamination for action, educating residents and developing emergency response plans including identifying alternative water sources.
5. **Implement your community Wellhead Protection Plan**

As a voluntary program, citizen involvement is critical to the success of the development and implementation of any WHP plan. Residents

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can encourage their community association and the operators of their community water supply to develop a plan.

For any community interested in creating a new WHP plan or building on an existing plan, a community representative can contact the Pennsylvania Rural Water Association (www.prwa.com/v2/index.asp) at 800-653-PRWA or the PA DEP, Bureau of Watershed Management at www.depweb.state.pa.us/dep/site/default.asp, select “Water Topics” and “Source Water and Groundwater Protection” or call 717-787-5259.

Appendix G: Agency Contact Information for Environmental Complaints, Problems and Emergencies

Complaint, Problem or Emergency	Contact
Air Pollution – Burning materials (including waste from construction activities or demolished buildings) other than household garbage	PA DEP Regional Complaint Line
Air Pollution – Burning household garbage	Municipality (Appendix B)
Dumping waste (construction debris, furniture, appliances, rubbish, etc.) on land	PA DEP Regional Complaint Line and Municipality (Appendix B)
Dumping waste in surface waters*	PA DEP Regional Complaint Line and PA Fish & Boat Commission
Encroachment** on surface waters and floodways	Pike County Conservation District
ENVIRONMENTAL EMERGENCIES including chemical spills from transport trucks, trains and industrial facilities	PA DEP Regional Complaint Line
Floodplain disturbance	Municipality (Appendix B)
Groundwater Contamination (including underground storage tank failures and pollution of water supply wells)	PA DEP Regional Complaint Line

*Surface water: stream, river, pond, lake, wetland, spring, etc.

**Encroachment: A structure or other activity which changes the course, current or cross section of a watercourse, floodway or other body of water.

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Appendix G: Agency Contact Information for Environmental Complaints, Problems and Emergencies

Complaint, Problem or Emergency	Contact
Mining/quarrying Operation Problems	PA DEP Bureau of Mining and Reclamation
Soil Sediment Pollution to surface waters from earth disturbance*** sites	Pike County Conservation District
Recycling Locations	Pike County Office of Human Development
Sewage Problems (private, individual on-lot systems)	Municipality (Appendix B)
Sewage Problems (industrial, commercial, & multi-lot systems)	PA DEP Regional Complaint Line and Municipality (Appendix B)
Stormwater Runoff Problems (non-construction related)	Municipality (Appendix B)
Stormwater Runoff related to earth disturbance	Pike County Conservation District
Water pollution: chemical wastes, sewage treatment plant discharge, etc.	PA DEP Regional Complaint Line and PA Fish & Boat Commission
Wildlife (Fish, Reptiles, Amphibians) – Nuisance Problems or to Report Violations	PA Fish & Boat Commission
Wildlife (Mammals or birds) – Nuisance Problems or to Report Violations	PA Game Commission

***Earth disturbance: Construction or other activity that disturbs the surface of the land.

Agency Contact Information: Telephone Numbers

PA DEP Bureau of Mining and Reclamation	(570) 621-3118
PA DEP Regional Complaint Line	(866) 255-5158 Ext 2
PA Fish & Boat Commission	(570) 477-5717
PA Game Commission	(570) 675-1143
Pike County Conservation District	(570) 226-8220
Pike County Office of Human Development	(570) 296-3434