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Lancaster County Clean Water Consortium

Core Values

July 28, 2011

Teamwork: The Consortium will promote and support a diverse, yet unified team. Everyone will work together to meet the common goals of the Consortium.

Respect: The Consortium will honor the rights and beliefs of our members and different sectors within Lancaster County. We will treat everyone with dignity and respect.

Accountability: The Consortium accepts individual and team responsibilities and we will meet our commitments. We take responsibility for all of our actions and decisions.

Integrity: The Consortium will adhere to high ethical standards and we will be fair and honest in all of our actions.

Innovation: The Consortium will be innovative in its approach to facilitate the need to provide clean water in Lancaster County.

Mission/Vision

July 28, 2011

The mission/vision of the Consortium is to facilitate the development of proactive, efficient, and cohesive strategies to restore and maintain the waterways of Lancaster County, Pennsylvania, ultimately resulting in compliance with federal and state regulations intended to reduce pollution and accelerate restoration of the Chesapeake Bay.

**Lancaster County Clean Water Consortium
Strategic Objectives
2011-2014**

- **The Lancaster County Clean Water Consortium will educate all of the different sectors in Lancaster County concerning the need to provide clean waterways now and in the future.**
- **The Lancaster County Clean Water Consortium will educate the different sectors concerning the incentives of belonging to the Consortium and addressing the quality of waterways in Lancaster County.**
- **The Lancaster County Consortium will facilitate the knowledge of Watersheds within Lancaster County along with providing the benefits of addressing clean waterways in Lancaster County.**
- **The Lancaster County Consortium will facilitate the sense of urgency within different sectors on the importance of being compliant with current and future Federal and State water quality standards.**
- **The Lancaster County Consortium will facilitate and connect different sectors to resources (grants & educational resources) that will assist the different sectors with their efforts to provide clean water ways for Lancaster County.**
- **The Lancaster County Consortium would be self-supporting at the end of three year period.**

Pennsylvania Department of Environmental Protection
Source Water Protection



PARTNERS

- **PA-LWV (PA League of Women Voters SWP Promotion):**
<http://www.drinkingwaterwise.org/>
- **WREN (Water Resources Education Network Local Educational Grants):**
<http://wren.palwv.org/>
- **PRWA (PA Rural Water Association SWP Info Clearinghouse):**
<http://www.sourcewaterprotection.org>
- **EPA (EPA Source Water Resources):**
<http://www.epa.gov/safewater/protect.html>
- **USGS (WHPA Delineation Strategy/Case Studies):**
<http://pa.water.usgs.gov/publications/>

(OFR 92-635, Valley-Fill Aquifers; WRIR 95-4033, Fractured Rock Aquifers; WRIR 99-4047, Fractured Crystalline Rock Aquifer Case Study; WRIR 02-4271, Fractured Sandstone/Shale Aquifer Case Study)

PARTNERSHIP ORGANIZATIONS

- **SAN (Schuylkill Action Network):**
<http://www.schuylkillactionnetwork.org/>
- **Potomac DWSPP (Potomac River Basin Drinking Water Source Protection Partnership):**
<http://www.PotomacDWSPP.org>



DIRECT ASSISTANCE

- **SWPTAP (Source Water Protection Technical Assistance Program):**
<http://www.depweb.state.pa.us>
(DEP Programs A-Z: Source Water Protection)
- **PRWA (PA Rural Water Association - Source Water Protection):**
<http://www.prwa.com/content/sourcewater-protection>

NATIONAL PARTNERSHIP ORGANIZATION

- **Source Water Collaborative (23 national organizations united to protect America's sources of drinking water):**
<http://www.ProtectDrinkingWater.org>

Pennsylvania Stormwater Technical Workgroup

BRINGING SCIENCE TO STORMWATER IMPLEMENTATION

PaSTW



**JOIN
NOW**

PaSTW is comprised of engineers, scientists and academics working in the stormwater profession.

Three easy Steps to Join:

1. Choose a Sub-Committee
2. Email a Team Leader
3. Provide a Resume

PaSTW's purpose is to integrate state-of-the-art science and sound engineering practice into Pennsylvania's stormwater management designs. One of our missions is to provide engineering, ecologic, pedologic and hydrogeologic guidance so that designers and reviewers can better utilize the [Pennsylvania Stormwater Best Management Practices Manual](#). We provide recommendations to DEP to help form a sound stormwater policy that better reflects current engineering and scientific practices. Each of several sub-committees is responsible to review, understand, update, and defend one or more sections of the BMP manual. All members are stormwater professionals and work with a sub-committee.

PENNSYLVANIA STORMWATER TECHNICAL WORKGROUP



Sub-committee Topic	Team Leader*	Email
Alternative Design Methods	Robert Traver	Robert.Traver@villanova.edu
Calculation Methods	Michele Adams	michelea@melioradesign.net
Vegetated Systems	Mark Bowen	mark.bowen@kleinschmidtUSA.com
Capture & Reuse	Bud Newton	bud@newtonengineering.us
Water Quality	Frank Browne	fbrowne@fbrowne.com
Infiltration	Russ Losco	soildude@comcast.net
Redevelopment	Gary Kribbs	gkribbs@verizon.net
Highways & Linear Projects	Jeff MacKay	jmackav@ntmeng.com
Inspections, Operation & Maintenance	Al Brulo	abrulo@hrg-inc.com
Integrating Stormwater and Site Design Process	Keith Lieberman	klierman@tandmassociates.com
Karst Stormwater	Tom Gillespie	tgillespie@elminc.com
Low Impact Development	Katie Blansett	kblansett@enr.psu.edu

* The Sub-committee Team Leaders serve on the Board of Directors

Chairman: Mark Bowen

Secretary: Frank Browne

Past Chairman: Robert Traver



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOURCE WATER PROTECTION TECHNICAL ASSISTANCE PROGRAM (SWPTAP)

Local source water protection (SWP) programs are community-based voluntary efforts to protect drinking water sources used by community water systems. Local SWP programs are effective tools for public health protection, water supply security and managing operational and capital costs through improved or maintained source water quality. The Source Water Protection Technical Assistance Program (SWPTAP) can help develop and establish local SWP programs.

WHAT IS PROVIDED BY SWPTAP?

DEP has secured the services of a contractor to provide technical expertise and assistance to interested community water systems for the development of local SWP programs. SWP programs can involve wellhead protection for groundwater sources, watershed protection for surface water sources or both for systems using both groundwater and surface water.

Community water systems receiving services through the Source Water Protection Technical Assistance Program must establish local SWP programs through a steering committee that will develop a source water protection plan detailing a program that meets DEP's minimum elements (see box). Assistance can be provided for developing a complete program or just specific elements needed to complete a program.

The SWP plan should incorporate:

- Public education;
- Program promotion;
- Support for pollution prevention methods;
- Integration with land-use planning; and
- Restoration and/or conservation of the source water protection area.

The SWP plan should include a strategy addressing both existing sources of contamination and potential sources of future contamination identified in the Source Water Assessment. The strategy can include the use of other funding sources and existing grants. Applicants eligible for SWPTAP include a community water system (CWS), an individual municipality with a community water system, or a group of adjacent municipalities.

The minimum elements of a local source water protection program include:

- Local steering committee and public participation;
- Source water protection area delineation;
- Contaminant source inventory;
- Source water protection area management methods and commitment;
- Contingency planning; and
- Protection of identified new source sites.

HOW WILL PROJECTS BE SELECTED FOR ASSISTANCE?

DEP Source Water Protection staff in conjunction with the contractor will assist the community water system in developing a Scope of Work.

DEP will consider the following criteria when developing and reviewing proposals:

- How well does the project adhere to DEP's minimum requirements for a SWP plan?
- What is the likelihood of successful completion within the projected time frame?
- Does the project have a clear source water protection focus?
- Does the water supplier and/or local government(s) demonstrate a commitment to develop, implement, support and sustain a local SWP program after funding is received?

- Will all of the components of a local SWP program be in place at completion?

HOW DOES IT WORK?

Interested parties should complete and submit a SWPTAP Information Request Form.

The form and information for this program can be obtained by:

- Visiting the DEP Web site at www.depweb.state.pa.us, keyword: Source Water and Groundwater Protection.
- Contacting the appropriate DEP Regional Office; or
- Contacting the DEP Source Protection Section at 717.772.4048.

SWPTAP requests for enrollment in the program may be submitted to DEP at any time. There is no application period or closing date.

SWPTAP Information Request Forms must be sent to:

PA DEP
 Bureau of Watershed Management
 Source Protection Section
 Rachel Carson State Office Building, 10th Floor
 400 Market Street
 PO Box 8555
 Harrisburg, PA 17105-8555
 Telephone: 717.772.4048

Assistance will be provided following completion of the Information Request Form. DEP will review the form and initiate a scoping meeting with the CWS and the contractor to determine what is needed and who will be responsible for each task. A formal Scope of Work (workplan, budget and schedule) is developed and approved by all parties. With DEP oversight, the contractor will assist the CWS in developing the SWP plan. The final SWP plan is then submitted to the DEP regional office for review and approval.

Before completing the request form, note the following:

- Table 1 of this fact sheet lists a summary of the requirements for SWPTAP. Read the summary to verify that your project meets these requirements;
- Construction, including buildings, building materials and fencing, is not an eligible category for SWPTAP. Lighting fixtures/standards, telemetry equipment and computers are also not allowed. Land acquisition and activities related to permitting/regulatory requirements for community water system wells are also not eligible for funding under the Source Water Protection Technical Assistance Program.

For more information, visit www.depweb.state.pa.us, keyword: Source Water and Groundwater Protection.

Table 1. - SOURCE WATER PROTECTION TECHNICAL ASSISTANCE PROGRAM SUMMARY

Characteristic	Explanation
Eligible Applicants	Municipality with a community water system, group of adjacent municipalities, community water system
Project Duration	No more than 2 years
Types of Projects	<ul style="list-style-type: none"> • Rigorous wellhead protection area delineation • Enhanced contaminant source inventories • SWP area management or planning (ordinance development, transfer of development rights, early warning monitoring systems, public education activities, road signs, emergency response plan enhancements/contingency planning)
Sources	All active permitted sources must be included in the SWP program
Allowable Costs	<ul style="list-style-type: none"> • Professional services not obtainable through voluntary personal, regular organizational staff or this program • Materials and supplies necessary for program development
Final Product	"Approvable" local SWP plan (describes local SWP program that meets DEP Minimum Elements for Local SWP Programs)