



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building
P.O. Box 2063
Harrisburg, PA 17105-2063

December 8, 2009

Office of the Secretary

717-787-7196

Mr. David Naftzger
Executive Director, Great Lakes-St. Lawrence River Basin Water Resources Council
Secretary, Great Lakes-St. Lawrence River Water Resources Regional Body
c/o Council of Great Lakes Governors
35 East Wacker Drive, Suite 1850
Chicago, IL 60601

Subject: Water Management Program Report and Water Conservation and Efficiency Program
Report Submitted on behalf of the Commonwealth of Pennsylvania

Dear Mr. Naftzger:

On behalf of the Commonwealth of Pennsylvania, please find enclosed a Water Management Program Report; and, a Water Conservation and Efficiency Program Report being sent pursuant to and in satisfaction of the obligations included in Section 3.4 of the Great Lakes-St. Lawrence River Basin Water Resources Compact.

If you have any questions, please contact me by e-mail at cathmyers@state.pa.us or by telephone at 717-787-7196.

Sincerely,

Cathleen Curran Myers
Special Assistant for PA Recovery

Alternate of Governor Edward G. Rendell,
Member, Great Lakes-St. Lawrence
River Basin Water Resources
Council

cc: Governor Edward Rendell
Peter Johnson, Program Director, Council of Great Lakes Governors



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Water Conservation and Efficiency Program Review

The following information summarizes Pennsylvania's efforts regarding a Water Conservation and Efficiency Program, and is being submitted to the Regional Body and Compact Council pursuant to the requirements in the Agreement Article 300 and the Compact Section 3.4.1.

1. Lead agency/agencies and contact person(s).

Lead Agency: Pennsylvania Department of Environmental Protection

Lead Contacts: Gary Obleski, Jay Braund or Andy Zemba,

Contact Number: (717) 772-4785

2. Status of the State or Province's Water conservation and efficiency goals and objectives consistent with the Basin-wide goals and objectives. If developed, include State or Provincial goals and objectives or link to electronic version.

Pennsylvania is working to achieve its commitments through the establishment of a Water Resources Technical Assistance Center (WRTAC), which is also required by Commonwealth Act 220 (State Water Planning Act).

Pennsylvania will focus on developing voluntary water use reduction through efficient water use technologies and water conservation. WRTAC will serve to encourage efficiency in water use by providing guidelines and information on water conservation. The Center will be an enhancement to the State Water Plan by establishing a repository for efficiency and conservation practices and principles and providing a statewide program to promote voluntary reduction of water loss.

Under a grant from DEP and through a competitive process, the Susquehanna River Basin Commission (SRBC) selected the Pennsylvania Environmental Council as the contractor to establish and develop the WRTAC. SRBC worked with DEP and representatives of the State Water Plan Statewide Committee to make the selection. Pennsylvania Environmental Council is also working with the PA Organization of Watersheds and Rivers and the Eastern Research Group on the project.

WRTAC is being developed to meet eight key goals that also support the Basin-wide and regional objectives of the Compact. Pennsylvania's Act 43 establishes that the Water Conservation and Efficiency Program required under Section 4.2 of the Compact shall be a voluntary program, utilizing the provisions of 27 PA.C.S. § 3120 (relating to water conservation). Additional examples of how these goals support the Compact are contained in answers contained in this form. The eight key goals are:

1. Establish guidelines for developing voluntary water use reduction in Critical Water Planning Areas
2. Identify and compile principles, practices, and technologies to assist all water users in conserving water

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3. Identify and compile principles practices and technologies to encourage groundwater recharge
4. Develop a statewide program to promote voluntary reduction of water loss
5. Establish a voluntary statewide water conservation program for all users
6. Develop educational programs for households, industry, and other water users
7. Facilitate Governor's Water Conservation and Efficiency Award Program
8. Establish voluntary water use reduction goals for all users

3. Water Conservation and Efficiency Program Overview.

- a) Citations to State/Provincial Water Conservation and Efficiency Program implementing laws, regulations and policies.
 - o *ACT 220: Water Resources Planning Act of 2002 (P.L. 1776, No. 220), 27 Pa. C.S. §3101 et. sq.*
 - o *The Great Lakes-St. Lawrence River Basin Water Resources Compact, 32 P.S. Section 817.21 et seq.*

Section 5 ("Powers and duties of department") of that PA statute, 32 P.S. Section 817.25, states, inter alia, that "The department shall have the power and duty to:

"(2) Administer and implement within the basin a water conservation and efficiency program required under section 4.2 of the compact. Such program shall be a voluntary program, utilizing the provisions of 27 Pa.C.S. Section 3120 (relating to water conservation)."

- b) Summary description of the State's or Province's Water Conservation and Efficiency Program including what elements are voluntary and mandatory.

Pennsylvania's program will focus on developing voluntary water use reduction through efficient water use technologies and water conservation. WRTAC will serve to encourage efficiency in water use by providing guidelines and information on water conservation. The Center will be an enhancement to the State Water Plan by establishing a repository for efficiency and conservation practices and principles and providing a statewide program to promote voluntary reduction of water loss

- c) For each of the regional objectives identify how the State/Provincial program is consistent with the regional objective. More details for each objective are available at

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http://www.glsregionalbody.org/Docs/Resolutions/GLSLRWRRB_Resolution_6-Conservation-Efficiency.pdf and can be referenced below.

OBJECTIVES

- Guide programs toward long-term sustainable water use.

WRTAC is being guided openly and collaboratively through the State Water Plan process. Activities are discussed at public State Water Plan meetings, and an advisory board has been formed to help provide input. The Board is comprised of representatives from the agricultural, water/power utilities, manufacturing and government sectors. This input will be used to help develop sustainability. Also, addressing WRTAC Key Goal Number 1 will help guide long-term strategies that incorporate water conservation and efficient water use.

- Adopt and implement supply and demand management to promote efficient use and conservation of water resources.

Addressing WRTAC Key Goal Numbers 1, 2 and 3 will help promote efficient use and conservation of water resources.

- Improve monitoring and standardize data reporting among State and Provincial water conservation and efficiency programs.

Pennsylvania's plan is to continue to participate in interstate discussions on this issue, and adaptively manage programs to help support this objective.

- Develop science, technology and research.

Pennsylvania has identified developing new technologies as one of three primary goals of the State Water Plan. WRTAC Key Goal Numbers 2 and 3 will also help meet this regional objective.

- Develop education programs and information sharing for all water users.

Development of a website for sharing information is a key part of the business plan for WRTAC. A draft version is undergoing review and editing. WRTAC Key Goal Numbers 6 and 7 will also help meet this regional objective.

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4. Description of how the State or Province promotes Environmentally Sound and Economically Feasible Water Conservation Measures.

Pennsylvania will report technologies promoted by WRTAC once the Center is established and operating.

5. Description of the State or Provincial Water conservation and efficiency program implementation timeline and status.

WRTAC's website will be implemented in 2010. Development will be on-going.