

January 7, 2010

**Great Lakes-St. Lawrence River Water Resources Regional Body
Great Lakes-St. Lawrence River Basin Water Resources Council
JOINT DECLARATION OF FINDING**

Water Management Program Review
Water Conservation and Efficiency Program Review
Commonwealth of Pennsylvania

PURPOSE

Pursuant to Section 3.4 of the Great Lakes-St. Lawrence River Basin Water Resources Compact (“Compact”), each Party State must submit a report to the Great Lakes-St. Lawrence River Water Resources Regional Body (Regional Body) and the Great Lakes—St. Lawrence River Basin Water Resources Council (Compact Council) on actions taken by that State to meet the provisions of the Agreement and Compact. Following the review of such reports, the Compact Council, in cooperation with the Provinces, shall determine if that State’s program meets or exceeds the provisions of the Compact; does not meet the provisions of the Compact; or, would meet the provisions of the Compact if certain modifications were made and what options may exist to assist the jurisdiction in meeting the provisions of the Compact.

Pursuant to Article 300 of the Great Lakes-St. Lawrence River Basin Sustainable Water Resources Agreement (“Agreement”), each Party State and Province must submit a report to the Great Lakes-St. Lawrence River Water Resources Regional Body (Regional Body) on actions taken by the State or Province on actions taken by that State or Province to meet the provisions of the Agreement. Following the review of such reports, the Regional Body shall determine if that State or Province’s program meets or exceeds the provisions of the Agreement; does not meet the provisions of the Agreement; or, would meet the provisions of the Agreement if certain modifications were made and what options may exist to assist the jurisdiction in meeting the provisions of the Agreement. However, and as noted below, Article 300 of the Agreement has not come into force as of this date, so all such submissions to date and subsequent Declarations of Findings issued pursuant to this Article are recognized as voluntary, and shall not be implied to indicate that Article 300 of the Agreement has come into force.

STIPULATIONS

Entry into Force of the Agreement and Compact

1. The Agreement was signed by the Great Lakes Governors and Premiers on December 13, 2005. Pursuant to Article 709 of the Agreement, the terms of the Agreement do not come into force unless and until all Parties to the Agreement notify all other Parties that measures have been enacted into law, except for the following terms that came into force on December 13, 2005:
 - a. Preamble
 - b. Chapter 1
 - c. Article 202
 - d. Article 208

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- e. Article 302
- f. Article 303
- g. Article 304
- h. Chapter 4
- i. Chapter 6
- j. Chapter 7

To date, no such notification has been given, and the remaining terms of the Agreement have not come into force, except as described in Regional Body Resolution #8 (Attachment "A").

2. The effective date of the Compact is December 8, 2008. Therefore, pursuant to PA PL 43 (2008), the Compact and all terms contained therein became enforceable State law in the Commonwealth of Pennsylvania on **December 8, 2008**.

Relevant Actions Taken by the Regional Body and Compact Council

1. Pursuant to Article 304, Paragraph 1 of the Agreement, the Regional Body must identify Basin-wide Water conservation and efficiency objectives to assist the Parties in developing their Water conservation and efficiency programs by **December 13, 2007**. The Regional Body adopted Basin-wide Water conservation and efficiency objectives in fulfillment of this provision on **December 13, 2007**.
2. Pursuant to Section 4.2. of the Compact, the Compact Council must adopt Basin-wide conservation and efficiency objectives. The Compact Council adopted Basin-wide conservation and efficiency objectives on **December 8, 2008**.

Provisions of the Agreement or Compact that must be met by the Commonwealth of Pennsylvania to date

1. Pursuant to Section 4.12.2 of the Compact, the Baseline for determining a New or Increased Diversion, Consumptive Use or Withdrawal was set as of **December 8, 2008**. The corresponding provision in the Agreement (Article 207, Paragraph 1) has not yet come into force.
2. Pursuant to Section 4.8 of the Compact, all New or Increased Diversions are prohibited, with exceptions as described in Section 4.9, and exemptions as described in Section 4.13, as of **December 8, 2008**. The corresponding provisions of the Agreement (Article 200, Article 201, and Article 208) have not yet come into force.
3. Pursuant to Section 4.12.2. of the Compact, each State must submit a list of Baseline Diversions, Consumptive Uses and Withdrawals to the Regional Body and Compact Council by **December 8, 2009**. The corresponding provision of the Agreement (Article 207, Paragraph 1) has not yet come into force.
4. Pursuant to Section 3.4.1 of the Compact, each State must submit a report to the Regional Body and the Compact Council detailing its Water management and conservation and efficiency programs pursuant to the Compact by **December 8, 2009**.

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The corresponding provision of the Agreement (Article 300) has not yet come into force.

Provisions of the Agreement and Compact that must be met by the Commonwealth of Pennsylvania by a future date

5. Pursuant to Section 4.2.2 of the Compact, consistent with the Basin-wide goals and objectives adopted by the Regional Body and the Compact Council, each State must establish Water conservation and efficiency goals and objectives by **December 8, 2010**. The corresponding provision of the Agreement (Article 304, Paragraph 2) will come into force at a date currently uncertain.
6. Pursuant to Sections 4.2.2, 4.2.4 and 4.2.5 of the Compact, each State must establish a Water Conservation and Efficiency program for all water users that is consistent with the Basin-wide goals and objectives as well as State goals and objectives by **December 8, 2010**. The corresponding provision of the Agreement (Article 304, Paragraphs 2, 4 and 5) will come into force at a date currently uncertain.
7. Pursuant to Section 4.1 of the Compact, each State must develop and maintain a Water resources inventory for the collection, interpretation, storage, retrieval exchange, and dissemination of information concerning the Water resources of the State, including, but not limited to, information on the location, type, quantity, and use of those resources and the location, type, and quantity of Withdrawals, Diversions and Consumptive Uses **by December 8, 2013**. The corresponding provision of the Agreement (Article 301) will come into force at a date currently uncertain.
8. Pursuant to Section 4.10.1 of the Compact, each State must create a program for the management and regulation of New or Increased Withdrawals and Consumptive Uses by adopting and implementing measures consistent with the decision-making standard of the Compact (see Section 4.11) **by December 8, 2013**. The corresponding provision of the Agreement (Article 206, Paragraph 1) will come into force at a date currently uncertain.
9. Pursuant to Section 4.10.2 of the Compact, each State must set threshold levels that comply with Section 4.10.1 of the Compact **by December 8, 2018**. Any State that fails to do so shall apply a threshold for management and regulation of all New or Increased Withdrawals of 100,000 gallons per day or greater average in any 90 day period. The corresponding provision of the Agreement (Article 206, Paragraph 2) will come into force at a date currently uncertain.

FINDING ON COMMONWEALTH OF PENNSYLVANIA'S WATER MANAGEMENT AND CONSERVATION AND EFFICIENCY PROGRAMS

The Regional Body and the Compact Council have received the Commonwealth of Pennsylvania's report on its Water management and conservation and efficiency

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programs, which are attached hereto as Attachments “B” and “C”, respectively. Upon review of said submissions, the terms of the Agreement and Compact, as well as other actions taken by the Commonwealth of Pennsylvania as described above, the Regional Body and Compact Council find the following:

Provisions of the Agreement or Compact that must be met by the Commonwealth of Pennsylvania to date

1. Because the Compact is law in the Commonwealth of Pennsylvania, pursuant to section 4.12.2 of the Compact the Baselines for determining a New or Increased Diversion, Consumptive Use or Withdrawal in the Commonwealth of Pennsylvania was set on **December 8, 2008**.
2. Pursuant to Sections 4.8 and 4.9 of the Compact, the prohibition on Diversions and corresponding exceptions to such prohibition came into effect in the Commonwealth of Pennsylvania on **December 8, 2008**.
3. Pursuant to Section 4.12.2 of the Compact, the Commonwealth of Pennsylvania submitted its list¹ of Diversions, Consumptive Uses and Withdrawals that existed as of December 8, 2008, to the Regional Body on **December 8, 2009**.
4. Pursuant to Section 3.4.1 of the Compact, the Commonwealth of Pennsylvania submitted a report on its water management and conservation and efficiency programs, which are attached hereto as Attachments “B” and “C”, respectively, to the Regional Body and Compact Council by **December 8, 2009**.

Provisions of the Agreement and Compact that must be met by the Commonwealth of Pennsylvania by a future date

5. The Regional Body and the Compact Council find that neither the Compact nor the Agreement requires the adoption or implementation of water conservation and efficiency goals and objectives at this time.
6. The Regional Body and the Compact Council find that neither the Compact nor the Agreement requires adoption or implementation of a water conservation and efficiency program at this time.
7. The Regional Body and the Compact Council find that neither the Compact nor the Agreement requires the adoption or implementation of a water resources inventory program at this time.
8. The Regional Body and the Compact Council find that neither the Compact nor the Agreement requires the adoption or implementation of a water management program at this time.
9. The Regional Body and the Compact Council find that neither the Compact nor the Agreement requires the adoption or implementation of a threshold for determining

¹ This list is subject to future correction or revision.

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which Withdrawals of Water will be subject to management and regulation pursuant to the Compact and Agreement at this time.

THEREFORE, the Regional Body and the Compact Council, after reviewing the Water Management Program report from the Commonwealth of Pennsylvania, finds that such program meets or exceeds the current requirements of the Agreement and Compact.

FURTHERMORE, the Regional Body and the Compact Council, after reviewing the Water Conservation and Efficiency Program report submitted by the Commonwealth of Pennsylvania, finds that such program meets or exceeds the current requirements of the Agreement and Compact.

Issued by the Great Lakes-St. Lawrence River Water Resources Regional Body and the Great Lakes—St. Lawrence River Basin Water Resources Council on January 7, 2010.

ATTACHMENT “A”

**GREAT LAKES—ST. LAWRENCE RIVER WATER RESOURCES REGIONAL
BODY**

**RESOLUTION #8—ENTRY INTO FORCE OF CHAPTER 5 OF THE
AGREEMENT (REGIONAL REVIEW)**

WHEREAS, on December 13, 2005, the Governors of the States of Illinois, Indiana, Michigan, Minnesota, New York, Ohio and Wisconsin, the Commonwealth of Pennsylvania, and the Premiers of Ontario and Québec signed the *Great Lakes—St. Lawrence River Basin Sustainable Water Resources Agreement* (“Agreement”); and,

WHEREAS, Chapter 7 of the Agreement came into force on December 13, 2005, pursuant to Article 709 paragraph 1j of the Agreement; and,

WHEREAS, pursuant to Article 709, Paragraph 2j of the Agreement, Chapter 5 of the Agreement will come into force “60 days after the last Party [State or Province] has notified the others that it has completed the Measures necessary to implement” specific provisions of the Agreement as described in Article 709, Paragraph 2 of the Agreement; and,

WHEREAS, the Parties to the Agreement have neither completed all the Measures as described in Article 709, Paragraph 2, nor have they notified the other Parties that they have completed such Measures; and,

WHEREAS, the Great Lakes—St. Lawrence River Basin Water Resources Compact (Compact) became effective on December 8, 2008; and,

WHEREAS, the Compact requires Regional Review to be performed from time to time to properly implement the terms of the Compact; and,

WHEREAS, Article 705 of the Agreement states that “Each Party shall, from the date of execution of this Agreement, exercise its best efforts to refrain from taking any action that would defeat the objectives of this Agreement;” and,

WHEREAS, the inability to engage in Regional Review would hinder the ability of the States to implement the Compact, which would in turn defeat the objectives of the Agreement.

NOW THEREFORE BE IT RESOLVED that the members of the Regional Body declare that Chapter 5 of the Agreement shall come into force immediately as of December 8, 2008, with regard to any requirements for Regional Review that may arise in respect of proposals from the States of Illinois, Indiana, Michigan, Minnesota, New York, Ohio and Wisconsin, and the Commonwealth of Pennsylvania as they implement the Compact.

BE IT FURTHER RESOLVED that in accordance with Paragraph 5 of Article 709 of the Agreement, the terms, agreements and review processes contained in the Great Lakes Charter of 1985 (Charter) shall remain in full force and effect, except for those instances where Regional Review may take place in respect of diversion proposals from the States as they implement the Compact. In such instances, Regional Review shall replace prior notice and consultation requirements and activities in the Charter. The Regional Body shall be used for all prior notice and consultation activities under the Charter where they continue to apply.

BE IT FINALLY RESOLVED that Chapter 5 of the Agreement shall come into force with regard to any requirements for Regional Review that may arise in respect of proposals from the Provinces of Ontario and Quebec once each province has notified the other Parties that they have completed the measures needed to implement the prohibition of diversions and the management and regulation of exceptions. Once notice has been provided, Regional Review shall replace prior notice and consultation requirements under the Charter for diversion proposals in that Province.

***Adopted by the Great Lakes-St. Lawrence River Water Resources Regional Body on
December 8, 2008.***

ATTACHMENT “B”



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



Pennsylvania Great Lakes Water Management Program Report
December 8, 2009

The following information is included in the report submitted by the Commonwealth of Pennsylvania to the Regional Body and Compact Council pursuant to the requirements in the Agreement Article 300 and the Compact Section 3.4.

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

Pennsylvania Department of Environmental Protection: Lori Boughton, Chief, Office of the Great Lakes, (814) 217-9635; John Booser, Associate Director for River Basin Cooperation, Water Planning Office, (717) 772-1101.

2. Citations to State/Provincial Water management program implementing laws, regulations and policies:

The Great Lakes-St. Lawrence River Basin Water Resources Compact, the act of July 4, 2008, (No. 43), 32 P.S. Section 817.21 et seq.

The Water Resources Planning Act, the act of December 16, 2002 (P.L. 1776, No. 220), 27 Pa. C.S. § 3118(b)

The Pennsylvania Safe Drinking Water Act, the act of May 1, 1984 (P.L. 206, No. 43), 35 P.S. §§721.1-721.17

The Water Rights Act, the act of June 24, 1939, P.L. 842, 32 P.S. §§631-641.

The Pennsylvania Clean Streams Law, the act of June 22, 1937, P.L. 1987, as amended, 35 P.S. §§ 691.1 *et seq.*

The Oil and Gas Act, the act of December 19, 1984, P.L. 1140, 58 P.S. §§601.101 et seq.
* Water withdrawal activities related to Marcellus Shale development

The Dam Safety and Encroachment Act, the act of November 26, 1978, P.L. 1375, 32 P.S. §§ 693.1 et seq.

Implementing Regulations: Title 25 Pa. Code Chapters 78, 93, 96, 105, 109, 110:

In the case of Oley Township, *et al.* vs. Commonwealth of Pennsylvania, Department of Environmental Protection and Wissahickon Spring Water, Inc. Permittee (EHB Docket No. 95-101-MG), the Environmental Hearing Board (EHB) found that DEP also has an affirmative obligation to make a determination concerning the effect, if any, on adjacent water resources of projects subject to permitting by the Department.

Chapters 93 and 96, Chapter 93 Water Quality Standards and Chapter 96 Water Quality Standards Implementation specifically direct DEP to prevent degradation of water quality that supports existing and designated uses.

Chapter 105, Dam Safety and Waterway Management.

Chapter 109, Safe Drinking Water.

Chapter 110, establishes the requirements for registration of water users and record keeping and reporting of water withdrawal and use information, as required by the Water Resources Planning Act. The regulation specifies who is required to register, keep records and report information related to withdrawals of water in the Commonwealth and details the information that is to be recorded and reported to the Department.

Policies: Susquehanna River Basin Commission pass by flow requirements are being applied statewide; Anti-degradation Manual. Water Quality Antidegradation Implementation Guidance (ID# 391-0300-002) states that it is the policy of the Department of Environmental Protection (DEP) to protect the existing uses of all surface waters, and the existing quality of High Quality (HQ) and Exceptional Value (EV) Waters.

3. Summary description of the State's or Province's Water management program scope & thresholds:

Anyone subject to Pennsylvania's Safe Drinking Water Act, Water Rights Act or Oil and Gas Act related to Marcellus Shale Development is already regulated and application covers both ground and surface water. The Great Lakes-St. Lawrence River Basin Water Resources Compact's (Act 43) enabling legislation in Pennsylvania contains specific language that is being assessed by DEP for any need for clarifying regulations to recommend to the Environmental Hearing Board. Act 220 sets the reporting threshold for all water withdrawals in Pennsylvania at 10,000 gpd. The triggers were established by Section 6 of Act 43 setting the threshold for management and regulation for all sectors:

FOR PURPOSES OF SECTION 4.10 OF THE COMPACT, THE THRESHOLD FOR MANAGEMENT AND

REGULATION SHALL BE AS FOLLOWS:

(I) ANY NEW OR INCREASED WITHDRAWAL FROM THE BASIN IN AN AMOUNT THAT EQUALS OR EXCEEDS 100,000 GALLONS PER DAY AVERAGED OVER ANY 90-DAY PERIOD;

(II) ANY NEW OR INCREASED CONSUMPTIVE USE OF WATER WITHDRAWN FROM THE BASIN IN AN AMOUNT WHICH EQUALS OR EXCEEDS 5,000,000 GALLONS PER DAY AVERAGED OVER ANY 90-DAY PERIOD; OR

(III) ANY NEW OR INCREASED DIVERSION OF WATER FROM THE BASIN.

4. Description of how the provisions of the Standard of Review and Decision are applied:

The Standard of Review and Decision was codified in Pennsylvania in Act 43 and will be applied when DEP does permitting under the statutes mentioned in Number 3 above.

5. Overview of State/Provincial reporting and database of Withdrawals, Consumptive Uses and Diversions:

Chapter 110 regulations set out acceptable mechanisms of measurement, record keeping, monitoring and reporting.

6. Withdrawal application form(s):

Applications for reporting of all withdrawals under Chapter 110 can be found at:
<http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-10662> .

Water users are encouraged to use the web applications for reporting through Pennsylvania's Greenport:

<http://www.pawaterplan.dep.state.pa.us/StateWaterPlan/WaterUse/WaterUse.aspx#Link2>

<https://www.depgreenport.state.pa.us/pls/apex/f?p=ecomm:selfregallapps:2481704340092031>

The Department issues gas permits under the Oil and Gas Act which require compliance with other laws administered by DEP. The Department requires a demonstration, through the submission and approval of a Water Management Plan in connection with the gas well permit, that the gas well operator's withdrawal and use of water sources in the Commonwealth in connection with natural gas well development will not violate the Clean Streams Law's admonition against pollution. Pennsylvania case law indicates that diminution of water resources can be pollution.

Public Water Supply Permit Applications:

<http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-9486>

<http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-9484>

7. Summary description of the State's or Province's initiatives to support an improved scientific understanding of the Waters of the Basin and an improved understanding of the groundwater of the Basin and the role of groundwater in Basin water resource management:

Pennsylvania is working on several projects with The Nature Conservancy to establish processes for evaluating in-stream flow needs and management which will be usable statewide. The recently adopted Pennsylvania State Water Plan, with scheduled updates, elaborated baseline information for Pennsylvania's Great Lakes watersheds, delineating water supplies and pour points in tributary watersheds.

ATTACHMENT “C”



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.