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**Sent:** Wednesday, September 09, 2009 12:43 PM

**To:** EP, RegComments

**Cc:** Kasi, Veronica

**Subject:** Administration of the Water and Wastewater Systems Operators' Certification Program, Document Number: 7-433

INDEPENDENT REGULATORY  
REVIEW COMMISSION

Attached please find a cover letter, summary sheet, and comments from the Water Utility Council (WUC) of the Pennsylvania-Section American Water Works Association (AWWA).

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**Pennsylvania Section**

American Water Works Association

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September 9, 2009

Environmental Quality Board  
P.O. Box 8477  
Harrisburg, PA 17105-8477  
[regcomments@state.pa.us](mailto:regcomments@state.pa.us)

RE: Administration of the Water and Wastewater Systems Operators' Certification Program,  
Document Number: 7-433

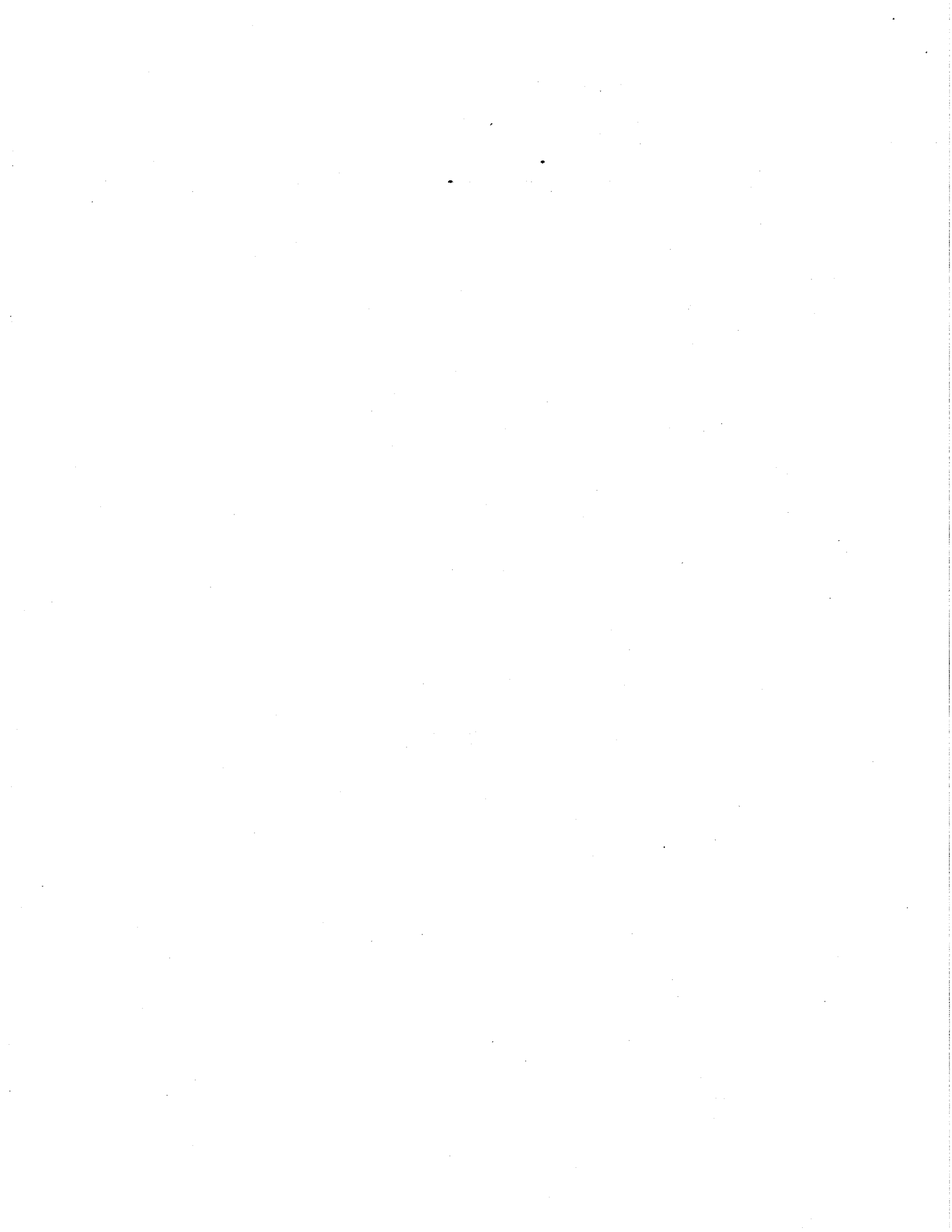
Dear Environmental Quality Board:

Enclosed for filing, please find the comments and one-page summary of the Water Utility Council (WUC) of the Pennsylvania-Section, American Water Works Association (PA-AWWA) in the matter referenced above.

The Pennsylvania-Section, American Water Works Association (PA-AWWA) consists of 2,500 + members representing all classes of water utilities in Pennsylvania, including those owned by investors, authorities and municipalities, plus regulators, vendors, contractors, engineers and others dedicated to promoting the health and welfare of Pennsylvania by providing affordable drinking water of superior quality and sufficient quantity. The Water Utility Council of AWWA includes representatives from the National Association of Water Companies, Pennsylvania Chapter; Pennsylvania Municipal Authorities Association; Pennsylvania Rural Water Association; and Water Works Operators' Association of Pennsylvania.

Very truly yours,

STEVE TAGERT  
Chairman  
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Works Association, Water Utility Council  
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### Comment Summary

#### Administration of the Water and Wastewater Systems Operators' Certification Program, Document Number 7-433

The Water Utility Council (WUC) of the Pennsylvania section – American Water Works Association generally supports the proposed rulemaking; however, we have some concerns that need further clarification:

#### **§302.202. Operator Certification Program Fees**

The WUC would like to see the DEP clarify that the proposed fees for “Approved Examination Providers” are one-time fees on an annual basis. Specifically, the language should clearly indicate that the fee for a conference covers the entire conference, not individual sessions within the conference. Moreover, the course approval fee should specify that it is a one-time approval for that particular course, and not an annual approval for the course.

In addition, further clarification is needed regarding the proposed fees for “Owners” to specify that the Annual Service Fee for Class A through E Systems is based on Public Water System ID (PWSID) for water systems or National Pollutant Discharge Elimination System (NPDES) permit numbers for wastewater systems, with the maximum fee a trainer or owner will be charged is \$10,000 per year.

#### **§302.304. Issuance of Certificate through Reciprocity**

With the majority of the workforce in water and wastewater treatment facilities fast approaching retirement age, the WUC believes the proposed rulemaking should allow for greater flexibility with respect to reciprocity by not requiring a certified operator from another state to take the treatment technology specific examinations before being granted certification in this Commonwealth. Operators from other states should be granted the licenses in Pennsylvania that they have valid in other states.

#### **§302.705. Accelerated Certification Requirements for System Modifications**

The WUC believes §302.705 (b) should also waive the one year additional experience requirement when there is a change in treatment processes and the operator has completed the manufacturer’s training course and the Part II Treatment Technology Specific Examination. Otherwise, the operator would have to take the Part II Treatment Technology Specific Examination and wait one year.

#### **§ 302.1006. Laboratory Supervisor Certification**

To be consistent with the Environmental Laboratory Accreditation regulations at 25 Pa. Code § 252.302(h), the WUC believes the requirements of § 302.1006 should clearly indicate that they will not take effect until 12 months after a certificate for laboratory supervisor in the appropriate water or wastewater subclassification becomes available from the DEP.

#### **Subchapter L. System Operation**

The WUC believes the proposed regulation is not very clear in what may be a possible potential for violation and needs to be clarified, as well as eliminate the requirement for registered mail notification. Once clarification is made in the regulation, we recommend that the DEP prepare a guidance document to outline and describe the type of scenarios that should be reported to the system owner and establish a menu of notification options, such as e-mail or documenting concerns in logs.



**Before the  
Environmental Quality Board (EQB)**

In Re: Administration of the Water and  
Wastewater Systems Operators'  
Certification Program

Document Number: 7-433

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**Comments of  
Pennsylvania Section, American Water Works Association  
Water Utility Council**

The Pennsylvania Section of the American Water Works Association (PA-AWWA) seeks to promote public health, safety, and welfare through the continual improvement of the quality and quantity of water delivered to the public in this Commonwealth. PA-AWWA consists of over 2,500 members representing all classes of water utilities in Pennsylvania (including those owned by investors, authorities and municipalities) plus regulators, vendors, contractors, engineers and others dedicated to promoting the health and welfare of Pennsylvania by providing affordable drinking water of superior quality and sufficient quantity.

PA-AWWA created the Water Utility Council (WUC) to (among other things) respond and comment on legislative, regulatory and other matters which directly affect water utilities and to encourage provision of high quality drinking water service to the consuming public. WUC includes representatives from the National Association of Water Companies - Pennsylvania Chapter; Pennsylvania Municipal Authorities Association; Pennsylvania Rural Water Association; and Water Works Operators' Association of Pennsylvania. These comments reflect the consensus of the WUC, but should not be construed as the position of the participating associations listed above. Each participating association may submit their own comments.

## **I. Introduction**

The Environmental Quality Board (EQB) proposes to rescind Chapters 301, 303 and 305 (relating to general provisions; certification of operators; and plant requirements) and create a new Chapter 302 (relating to administration of the water and wastewater systems operations' certification program). These regulations describe the process the State Board for Certification of Water and Wastewater System Operators (Certification Board) will follow to administer the program and identify the duties and responsibilities of the Department of Environmental Protection (DEP) and the operators and owners of this Commonwealth's drinking water and wastewater treatment systems. These regulations also establish standards for operator certification, recertification, certification renewal and security training; define the certification renewal period and requirements for certification renewal; establish appropriate fees; and define classifications and subclassifications for certification.

While the WUC generally supports the proposed rulemaking, we have some concerns that need further clarification and welcome this opportunity to offer the following comments to the EQB.

## **II. Comments**

### **1. §302.202. Operator Certification Program Fees.**

To support the administration of the Operator Certification Program, the proposed rulemaking includes fees for system owners, training providers, approved examination providers and operators. The DEP developed the new fee structure with input from the Small Systems Technical Assistance Center for Small Systems (TAC), the Certification Program Advisory Committee (CPAC), the Certification Board and individual stakeholders.



The WUC would like to see the Department include additional information in the proposed rulemaking to clarify that the proposed fees for “Approved Examination Providers” are one-time fees on an annual basis. The language must also be clearer to note that the fee for a conference covers the entire conference, not individual sessions within the conference. The course approvals fee needs to specify that it is a one time approval for that particular course, and not an annual approval for the course.

In addition, further clarification is needed regarding the proposed fees for “Owners” to specify that the Annual Service Fee for Class A through E Systems is to be based on Public Water System ID (PWSID) for water systems or National Pollutant Discharge Elimination System (NPDES) permit numbers for wastewater systems, with the maximum fee a trainer or owner will be charged is \$10,000 per year, no matter how many systems they have.

Finally, under §302.202 (f) and (g), the proposed rulemaking contains a typo in each paragraph by referring to subsection (b) instead of subsection “(d).”

## **2. §302.304. Issuance of Certificate through Reciprocity.**

The EQB is specifically seeking public comment on one aspect of the Operator Certification Program, relating to reciprocity. The EQB is proposing to grant reciprocity for only the Part 1 General Examination to operators certified in other states. This would require any certified operator from another state to take the treatment technology specific examinations before being granted certification in this Commonwealth.

With the majority of the workforce in water and wastewater treatment facilities fast approaching retirement age, the WUC believes the proposed rulemaking should allow for greater flexibility with respect to reciprocity by not requiring a certified operator from another state to take the treatment technology specific examinations before being granted certification in this

Commonwealth. Operators from other states should be granted the licenses in Pennsylvania that they have valid in other states.

**3. §302.705. Accelerated Certification Requirements for System Modifications.**

Under §302.705, an operator certificate upgrade is required when an increase in treatment capacity of the system or change in treatment processes no longer qualifies the available operator to make process control decisions for that system. When the capacity of the system is increased, the existing available operators will qualify for an accelerated certification upgrade by applying for an upgrade in class before the larger system becomes operational. Additional experience or training is not required.

Moreover, when a different treatment technology is added to the system, the existing available operators may qualify for an accelerated certification upgrade under certain conditions.

However, §302.303 (Issuance of upgraded certificate) requires the applicant to pass the Part II Treatment Technology Specific Examination that corresponds to a subclassification and completes 1 year additional experience requirement, if applicable, as defined in §§302.703 and 302.704 (relating to experience requirements; and determining qualifying experience). The WUC believes §302.705 should waive the 1 year additional experience requirement under both situations.

**4. § 302.1006. Laboratory Supervisor Certification.**

Under § 302.1006 (a) and (b), there will be a laboratory supervisor subclassification for individuals responsible for the supervision of the testing or analysis of environmental samples and reporting of analytical data for water supply or wastewater systems in a Pennsylvania-accredited environmental laboratory operated by a water or wastewater system. An applicant for laboratory supervisor's certification for drinking water or wastewater systems shall hold a valid

operator's certificate and demonstrate the knowledge, skills and abilities needed to be a laboratory supervisor by obtaining a passing score on either the Part II Laboratory Supervisor for Water Systems or Part II Laboratory Supervisor for Wastewater Systems examination.

The WUC seeks clarification on the establishment of this laboratory supervisor subclassification with respect to the provisions established under Act 90 of 2002 (Environmental Laboratory Accreditation). Specifically, under Act 90 of 2002, § 4104 (Powers and duties) provides the DEP with the power to "establish, administer and enforce an environmental laboratory accreditation program which shall include accreditation standards necessary for a State certification program. The program shall also include The National Environmental Laboratory Accreditation Program (NELAP) for those laboratories seeking this certification. The program may also include any other specific broad-based Federal or State accreditation program for certification."

Moreover, § 4105 (d) (Unique needs) of Act 90 provides: "To the extent possible, The EQB shall establish requirements and procedures that address the unique needs of small businesses, municipalities, municipal authorities and in-house laboratories."

Finally, under § 4106 (c) (Laboratory supervisor) of Act 90, "Testing, analysis and reporting of data by an accredited laboratory shall be under the direct supervision of a laboratory supervisor. The laboratory supervisor shall certify that each test or analysis is accurate and valid and that the test or analysis was performed in accordance with all conditions of accreditation. The DEP may disqualify a laboratory supervisor who is responsible for the submission of inaccurate test or analysis results."

Under this proposed regulation, it is our understanding that a certified operator, including those holding a master certificate, will not be qualified by the DEP for a laboratory supervisor

certificate without meeting the requirements of § 302.1006 even in the case where the water or wastewater system maintains an in-house laboratory. The WUC believes that the effective date for this section should be extended one year for those systems with in-house laboratories to provide an operator(s) time to obtain this laboratory supervisor's certification, while not disrupting compliance with the required testing or analysis of environmental samples and reporting of analytical data for water or wastewater systems.

#### **5. Subchapter L. System Operation.**

The WUC is concerned with § 302.1201 (Duties of operators) (c) requiring certified operators to submit a written report to the system owner documenting any known violations or system conditions that may potentially cause or are causing violations of any DEP regulation or permit conditions or requirements. The WUC understands the need to document such violations and report them to the system owner; however, we believe the section has been drafted too broadly and has raised concerns among operators regarding potential liability. Written reports sent by registered mail to system owners may delay the timely process control decision making necessary to prevent or correct potential violations. The time for an operator to fill out the registered letter and deliver it to the post office would greatly impact their time addressing the normal operations at a plant, and that lost time would certainly would not be beneficial to anyone. Since available operators making process control decisions are responsible for those decisions and consequences, we believe that the proposed regulation should focus on simpler means of notification, such as e-mail or documenting concerns in logs. Throughout the entire day operators find items that could “potentially” cause violations. They address these issues all the time, typically verbally to their supervisor. Having to address all these issues in writing would

create a burden on them to perform their duties; however having to address them in a registered letter is absolutely unacceptable.

We understand that DEP at times is frustrated with owners that do not react to operations issues, but the proposed requirements will certainly be detrimental to the majority of those systems that are performing proper operations, and hamper their ability to perform their operations with the communications they have in place. We believe the proposed regulation is not very clear in what may be a possible potential for violation and needs to be stated clearer, as well as eliminate the requirement for registered mail notification.

Finally, under § 302.1203 (Process control decisions) (e), it is not clear why an action taken by the DEP to protect the environment and public health during designated emergency situations, to obtain compliance with permit requirements and rules and regulations or to address permit requests and compliance issues is not considered a process control decision. The WUC seeks clarification of the meaning of this section since such actions may clearly fall under the definition of "process control decision."

### **III. Conclusion**

The WUC appreciates the opportunity to present comments on this Proposed Rulemaking for the Administration of the Water and Wastewater Systems Operators' Certification Program and respectfully requests that the EQB consider its comments on these issues. We also appreciate and acknowledge the DEP for their outreach efforts and collaboration with advisory committees and the statewide water and wastewater related associations on the drafting of this regulation.

Respectfully submitted,

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Steve Tagert, Chairman

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Association, Water Utility Council  
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