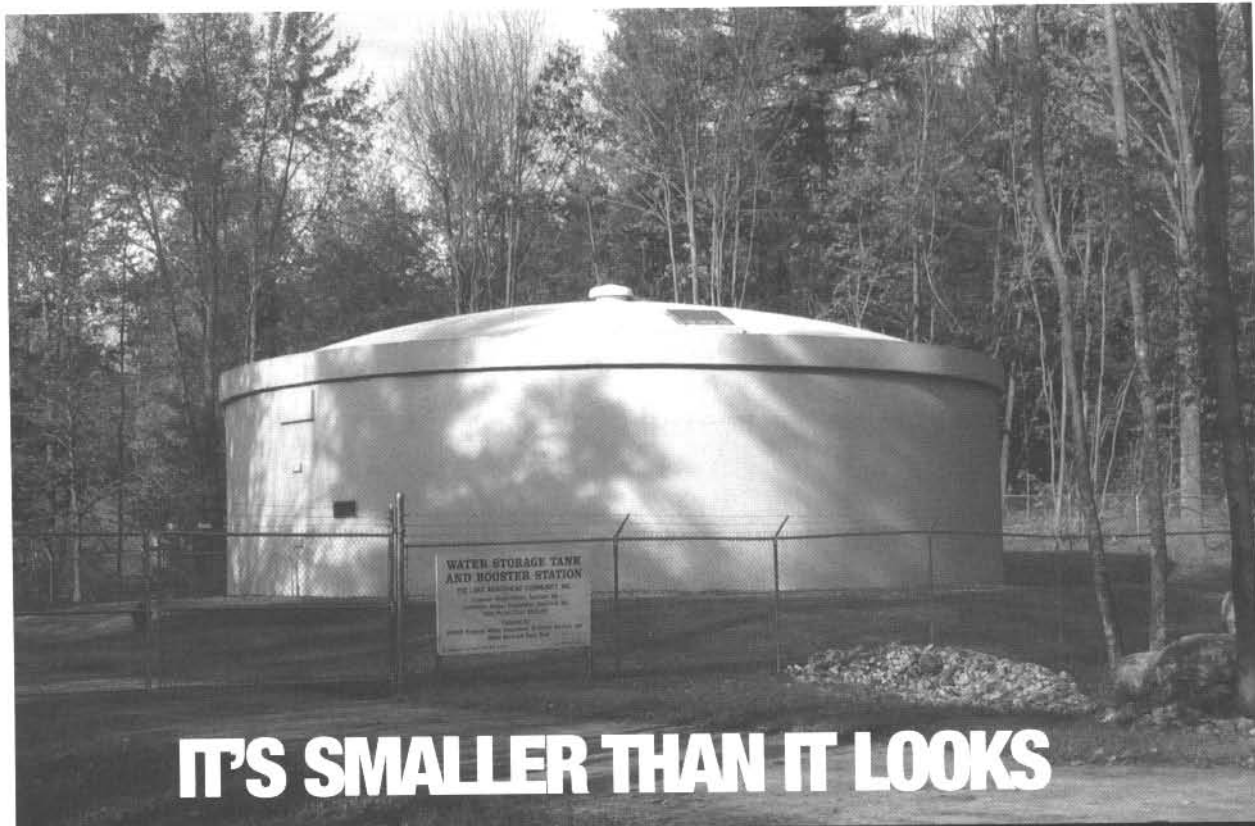


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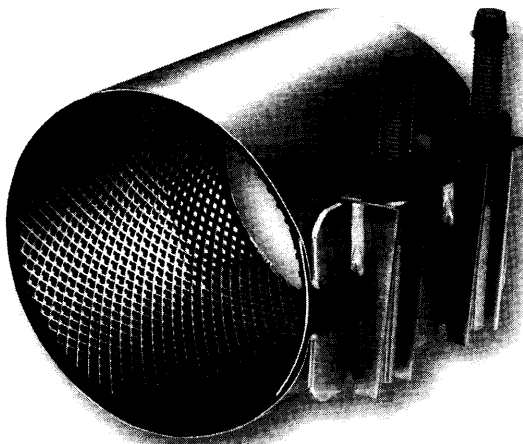
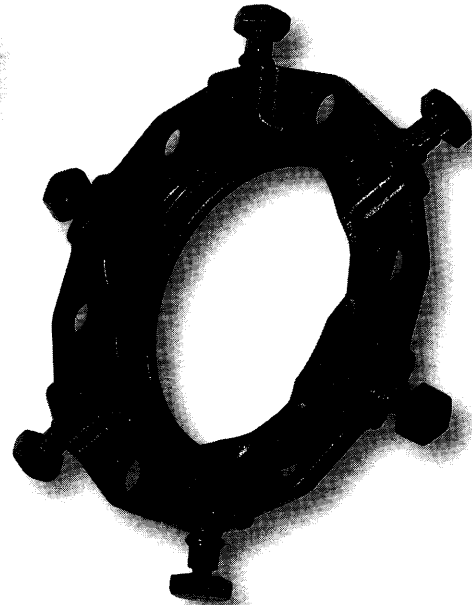
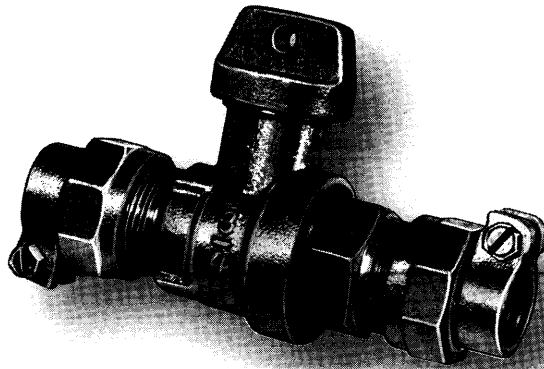
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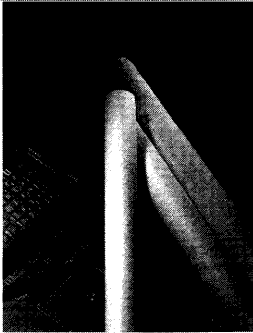


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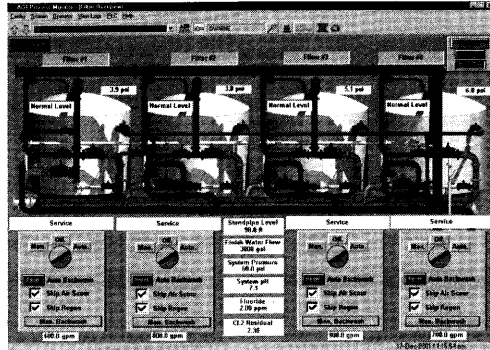


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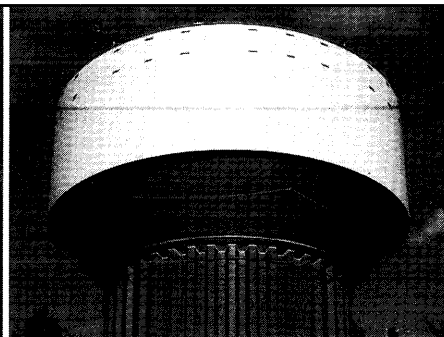
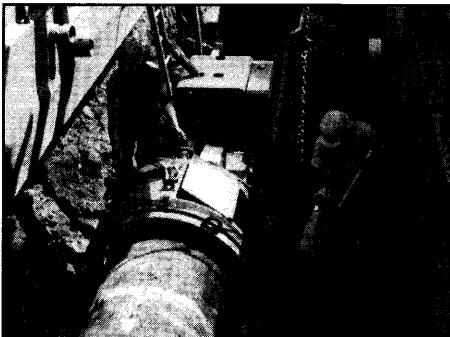
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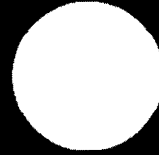


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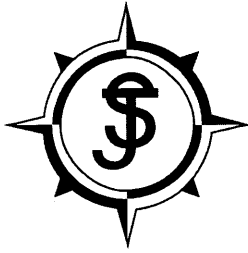


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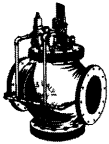
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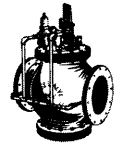
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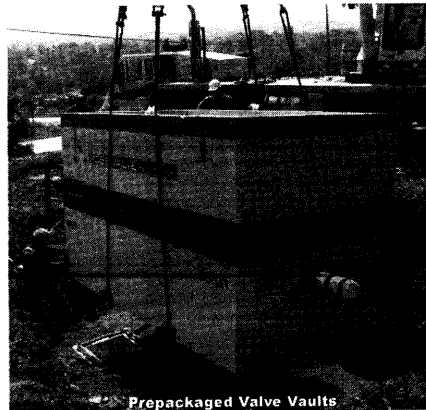
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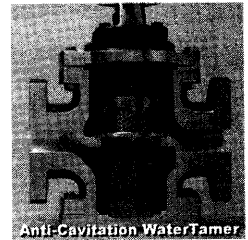
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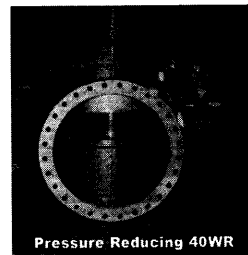
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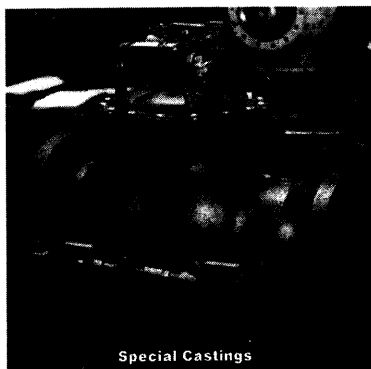
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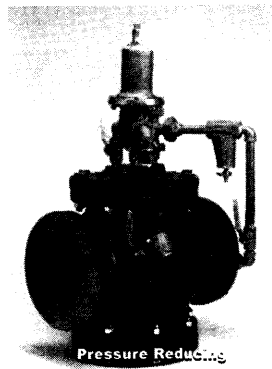
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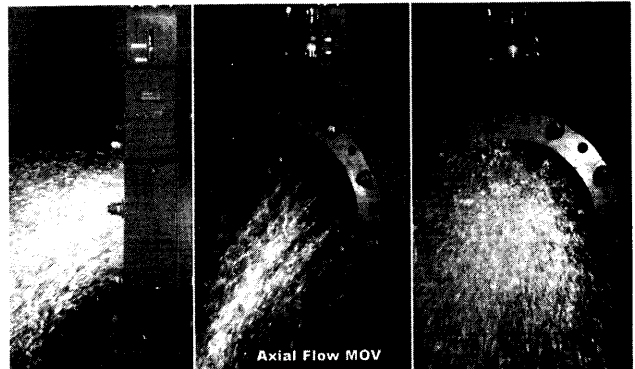
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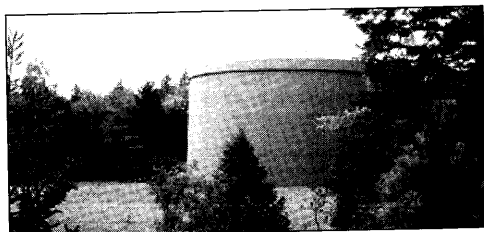


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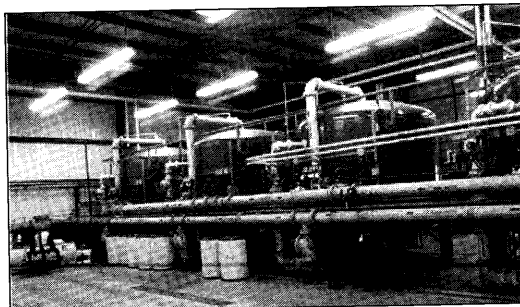
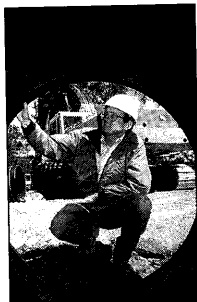


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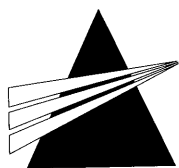
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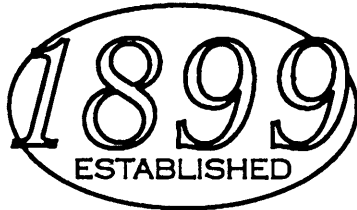


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**JOURNAL of the
Maine Water Utilities Association**

Volume 85

October 2006

Number 2

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Office (207) 832-2263

Fax (207) 832-2265

E-mail: jmcnelly@mwua.org

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Technical articles and other subjects of lasting interest are solicited. Advertising is accepted from Associate members of the association.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Table of Contents

| <u>Conference No. 484</u> | <u>April 13, 2006</u> | <u>Rockport</u> |
|---|-----------------------|-----------------|
| Welcome to Rockport <i>Robert Peabody, Jr., Rockport Town Manager</i> | | 13 |
| Overview of Aqua Maine's Camden-Rockland System <i>Rick Knowlton, V.P. Operations, Aqua Maine, Inc.</i> | | 14 |
| Business Meeting | | 16 |
| Maine Drinking Water Program Update <i>Roger Crouse, Maine Drinking Water Program</i> | | 16 |
| Legislative Update <i>Jeff McNelly, Maine Water Utilities Association</i> | | 17 |
| PUC Chapter 140 Update <i>Stephani Morancie, Public Utilities Commission</i> | | 19 |
| Back Flow Prevention Case Study <i>Kevin Luttrell, Bangor Water District</i> | | 20 |
| The 2005 Plumbing Code <i>Dana Tuttle & Bruce Greeley, State of Maine Plumbing Inspectors</i> | | 23 |

| <u>CONFERENCE NO. 485</u> | <u>June 8, 2006</u> | <u>Island Falls</u> |
|---|---------------------|---------------------|
| Welcome to Island Falls <i>Al Skolfield, Island Falls Board of Selectman</i> | | 25 |
| Business Meeting | | 26 |
| Legislative Update <i>Jeff McNelly, Maine Water Utilities Association</i> | | 26 |
| Maine Drinking Water Program Update <i>Larry Girvan, Maine Drinking Water Program</i> | | 27 |
| Understanding SCADA & What it Can do For You <i>Chuck Kelley, Kelley's Industrial Electronics</i> | | 28 |

| <u>Conference No. 486</u> | <u>August 9-10 2006</u> | <u>Brunswick & Yarmouth</u> |
|--|-------------------------|---------------------------------|
| Clambake & Golf Tournament | | 30 |
| ***** | | |
| In Memory | | 32 |
| Past Presidents | | 33 |
| Minutes of Board of Directors Meetings (March 2006 – November 2006) | | 34 |
| Advertising Rates | | 51 |



2006 President Brian Tarbuck

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

CONFERENCE NO. 484

April 13, 2006

Rockport



Welcome to Rockport

Robert Peabody, Jr., Rockport Town Manager

I've been asked by Steve Cox of Aqua Maine to provide some opening remarks. So, I'm going to give you an infomercial about the town of Rockport. I've taken the opportunity to pass out some brochures and I'm going to take a few minutes to give you an overview of the town.

I like to say that Rockport is the quintessential picturesque Maine coastal village. It's blessed with coastline, several lakes and ponds as well as mountains. Rockport encompasses about 25.5 square miles. We have 10 miles of ocean frontage, 3 major state maintained highways that traverse the town, as well as 60 miles of town maintained roads and several miles of private roads.

Along with the ocean frontage we have Mirror Lake, Grassy Pond, Rocky Pond, Macs Pond, Tolman Pond, a significant portion of Chickawaukie Lake, as well as some of Lily Pond. Our year round population is about 3400 people and we have 240 seasonal residents. We have 328 businesses, including your host Aqua Maine. Our total evaluation is approaching \$1 billion.

For fun stuff, there's ample opportunity to enjoy the natural beauty of the town. We have Marine Park and Walker Park, which provide recreational opportunities with harbor access, beach areas and picnic sites. Marine Park includes the Harbor Master's building, which has a restroom and showers for those who are traveling, boat launching, docks, picnic benches and a sandy beach - as well as historical lime kilns. Walker Park has a state of the art playground, picnic benches and a small beach. Within the downtown area - which isn't overly large but is nice and quaint - we have Goodrich Park, Village Park and Merry Lea Park. Just recently, the town purchased the Glen Cove rest area, which is on Route One, from the State of Maine. It offers picnic opportunities, frontage of Clam Cove and great views of Penobscot Bay.

In addition to the town facilities there are a number of nonprofit parks, farms, open space and trails within the town. Merry Spring Nature Park is a privately owned 66 acre nature reserve which is open free to the public. We also have Aldemere Farms, which is a 136 acre working farm owned and managed by the Maine Coast Heritage Trust, which also supports a world renowned herd of belted Galloway cattle. Vesper Hill Children's Chapel is almost 4 acres of landscaped area which has a fine chapel that sits on a ledge that looks eastward over Penobscot Bay. It's a site of a number of weddings and special events. It's available to the public for a nominal fee. Beauchamp Point scenic byway is a seasonal road which extends around Beauchamp Point and is favored by walkers, runners and cyclists. Also along this road is an area known as the Ledges and it's a great place to go swimming in the harbor or just enjoy the sun.

Georges River Highland Path and Ragged Mountain Trail are managed by the Georges River Land Trust and they provide 5 miles of trail which connects with an additional 20 miles of trail that meander through neighboring towns. Lastly we have the Sides Preserve which is a 9 acre nature preserve along the shoreline of Macs Pond. That also provides trails and access to the water.

For other recreational opportunities, we have the Penobscot Bay YMCA, Midcoast Recreational Center and the Samoset Resort. We also have the town owned Rockport Recreation Park which is a 15 acre recreational park, with tennis courts, basketball courts and a playground. For you golfers, we have 3 golf courses in town.

The town also has a strong cultural presence and is home to the Bay Chamber Concerts, Maine Center for Contemporary Art, Maine Photographic Workshop, Center for Furniture Craftsmanship and we also have a number of private artists and craftsman studios that are open to the public.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

As I hope is evident, Rockport has much to offer both tourists and residents. I hope that you'll take the opportunity, perhaps today or sometime in the near future, to come back and visit our town. If you're interested in visiting any of the things I mentioned today you're welcome to stop by the town office and we'll gladly provide you with directions.

Welcome to Rockport and I hope you enjoy your day. Thank you.

An Overview of the Camden–Rockland System

*Rick Knowlton, Vice President, Operations
Aqua Maine, Inc.*

Good morning. I want to talk about the history of this system from a learning perspective. There's 150 years of history in the area from the Camden Hills State Park to the St. George River in Thomaston. This topic of this system seems to come to this group every 20 or 30 years. Fifty years ago, in April of 1956, Alan McAlary, the Superintendent and Treasurer of Camden-Rockland Water Company, presented a talk to this group on the system. Twenty years later, in 1987, Ken Jacobson presented the history of the Camden-Rockport Water System. So if you want to go back to the Journals of the Maine Water Utilities Association you can read about the miles of pipe and the number of connections, the supplies and related facilities.



What I found interesting, in looking at this system's history, is that there are three specific blocks of time, the first 50 years, the middle 50 years and the 50 years that we're in right now. I found it very interesting to review the dynamics that were occurring during those times. For example, in 1883 the Camden-Rockland Water Company was formed - and the only reason it was formed was because a number of gentlemen here in Rockport and Camden were upset that the folks in Rockland wouldn't provide water to this area, as they had promised.

A man named Farnsworth started the Rockland Water Company in 1850. He did that to provide water to his ships, his docks and his new house. He used Chickawaukie Lake, located on Route 17. Apparently he made some promises to bring water from Chickawaukie Lake to other places in the region but he didn't really follow through. If one looks at the geology and topography it is easy to see why. It was a daunting task to get water from Chickawaukie Lake, uphill to Rockport and Camden. So these folks from Camden and Rockport formed the Camden-Rockland Water Company. They went to the legislature and got rights to all the ponds that Bob mentioned before except Lily Pond, which you wouldn't want to drink from if you didn't have to - as that's where the cows are. So, in 1887 they proceeded to tap Mirror Lake to serve as the regional water supply. Over the next 20 or 30 years the Rockland Water Company's distribution system integrated with the Rockland distribution system and Mirror Lake became the sole source of supply, with Chickawaukie available as backup for the City of Rockland, if necessary. It was all driven by the folks in the Camden village area and the Rockport village area demanding service, wanting what a water utility could do for them near the turn of the century.

These forward thinking men in Camden timed things pretty well because in 1892 - just a few years after water was piped to Camden from Mirror Lake - most of downtown Camden burned down in the great fire of 1892. From 1892 through the teens and into the early 1920's there were major debates between the water utilities and customers about the level of service, the availability of their water supply, pressures, flows, rates and related issues. As early as 1900 there was move afoot to kick out the management of Camden-Rockland Water Company because they wouldn't put in a bigger pipe from Mirror Lake into the town of Camden. So those debates go back a long ways in this system's history.

By the late teens and into the 1920's company management had moved into its second phase of operations and leadership. Investments were made, substantial improvements were put in place and by

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

the late 20's things had pretty much calmed down. The system was functioning well and folks seemed to be pretty happy with the way things worked. So the end of the first 50 years really marks a period of decision making, design and significant growth. From the start of this system, the engineering has been amazing. It's one of the few in Maine where there is a flow up to about 3 million gallons per day, completely by gravity. There are no pumps necessary until you get to Thomaston. From Camden Hills State Park, south to the City of Rockland, that 150 miles of pipe is all fed by gravity. It was wonderful engineering and forward thinking when they picked Mirror Lake as the primary source of supply.

The second 50 years, brought another change in management, wars and the great Depression. Things were pretty quiet, in fact too quiet, and the company went into decline and was on the verge of bankruptcy. In 1959, Consumers Water Company from Portland showed up with money and bailed out the local investors who couldn't re-mortgage their million dollar bond that was held by General Water Works out of New Jersey. General Water Works wouldn't extend their debt any further and was ready to call in the note. They were facing the loss of the value of their company, a significant reorganization and another wave of local involvement. There was talk of a district; the stockholders agreed to a merger and a sell out to Consumers Water Company.

Consumers brought the investment, brought the management focus back to the water system, concentrated on service levels and from the period of the 50's to 60's there was a period of growth.

Grassy Pond was developed as a supplemental source of supply. The Mirror Lake disinfection facility was rebuilt, substantial investments were made in pipe and service line replacements, and a number of other improvements were made. The systems in the towns of Union and Warren were purchased by the company and integrated into the fold.

The end of this 50 year period, from the 1930's to the 1980's, was marked by this significant event in this division's history.

A dry period, combined with growth in the 1980' created some a severe limitation and concern about the availability of the water supply. Conservation methods were put into place, voluntarily. The company, in reaction to that, tried to exercise its chartered rights to access Fish Pond. Fish Pond, in Hope, had never been used by the company before and, in fact, there were no customers of the utility in the town of Hope. When you try to access a water supply from a community that you don't serve, when you've never done that before, and claim that you have every right to do that, welcome to the world of public reality. After several years of legal and legislative actions and a substantial investment of resources the end result was that no water was accessed from that source.

The fact that there was a Super Fund site near Fish Pond was the major contributing factor in the failure to be able to use the source. When you get into that public arena, with the legislature, and lawyers it's not about the science, or the engineering facts. It's not about any of that. It's about political will and public involvement. This utility spent a lot of energy in the mid 80's learning those lessons and we hope honestly that we can use that experience as a foundation to move forward.

We are looking ahead to disinfection byproducts and surface water issues, such as stream flow rules and pressures to defend the exclusive use of Mirror Lake and Grassy Pond for public water supply. We recognize that our decisions are being driven by regulatory pressures that are very difficult for us to manage and control. On top of that, our customers seldom see a direct benefit from these regulatory pressures.

I don't know where this system is going but if you look at the regulatory drivers and you take this 50 year period that we're in now, I wonder where the regulations will take us. Will they take us to the point where we determine that community water systems and their century old distribution systems are too expensive to replace? Will the focus be on point of use or point of entry treatment and an acknowledgement that the distribution system is there for the water you need for the garden and your car and the flush? Will we get to the place where we say we need to increase our level of infrastructure replacement in order to bring the water that we see at our treatment plants to each and every home that's connected to the system? I don't know the answer, but it will be a great debate.

I would hope that some of this debate would include our customers, because when you look at the first 100 years - of this system in particular - that approach seemed to make the investments make sense.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

The investments followed customer requests and not regulatory drivers. But where we're at now, it will be interesting to see if we can take those lessons forward.

Business Meeting



Regulatory Update

Roger Crouse

Maine Drinking Water Program

Good morning everyone. One of the biggest things on our list is the state match for the SRF program. For 2007, we don't have a match yet and there's no clear plan as to how we're going to get that. That's obviously a big issue for all of you and, for us as well. That's why Nancy Beardsley stayed in Augusta today. There's some rumor in the legislature about a bond package. Of course we're not in that bond package but she is there to answer questions that may arise. Even if there is a bond package, it's unlikely that

it will actually pass, if one is to believe all the rhetoric we're hearing in regards to no bonds. So, it's not a good situation; however I do think there is an opportunity, still, for all of you to influence those who represent you at the table in Augusta.

Now, on to other matters. In January, Carlton Gardner started with us. He's been a great addition to the staff and we're really excited to have him on board. In the last couple of months we've been working on a reorganization of the Program, trying to better meet your needs. In doing that, we've listened to what we heard a lot of you say and we have restructured our compliance program. Carlton is heading up a combined compliance and enforcement section, now. The compliance officers are now going to be assigned to a geographic area. They'll cover all the rules that cover that geographic area. So you'll have one compliance officer for all rules that apply to you. So, whether it's lead and copper or TCR or nitrates, you'll have one person to call at the Drinking Water Program. You'll no longer have to call 5 different people to get the answer to whether or not you're in compliance. That's a big change for us. There's obviously a lot of learning that has to occur for each of these compliance officers. This is not going to happen immediately. We anticipate this official transfer, or change over, will happen sometime around July 1.

We added two more people to our Field Inspection Team. Hague Brochu and Jeff Folger, who were doing new well approval activities, are now part of the Field Team. So if you're going through a new well approval you'll be dealing with your Field Inspector through the whole process and you won't be dealing with new well approval folks and then handed off to a Field Inspector later on.

We also created an information management section. We're trying to provide better in house coverage of our data. I head up that section, now.

As we work through this process, we would like to have your input. Comments - good or bad - are welcome; they will help us through this transition.

There's a lot of talk about Pandemic Flu and preparing for that. We haven't done very much on that front, although EPA Region 1 has been devoting significant time in preparation for such a scenario. They will be coming out with recommendations within the next few months, as to what utilities should do if 40 - 50% of their workforce is unavailable because they are sick or their family is sick. The PUC sent out a letter to systems serving more than 10,000 people, asking for some kind of update by September to see what those systems are doing to prepare for the Pandemic Flu. To date there has been no coordination between us and the PUC; hopefully that will happen. We should be receiving information from Region 1

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

and we hope to provide some training here in the state. NEWWA has conducted some training on this in Massachusetts and we hope to get them here to Maine in the summer or fall.

Concerning the Fluoride Rule, we've gotten input from a number of folks. We have a public hearing scheduled for June 20th. If you have more questions, you can see me about that.

We also anticipate a rewrite to our cross connection rules. Hopefully we'll start that in the next 6 months or so. If you're interested in being a part of that, we would like to form a stakeholders group. Please let me know and we can start working on that.

The newest rules that have actually come out are the Long Term II Surface Water Treatment Rule and the Stage 2 Disinfection Byproduct Rule, which affects Portland Water District as of October 1. Everyone else has a little more time to plan. Those systems serving more than 100,000 have to start their monitoring by October 1st. Requirements for systems serving between 50,000 and 100,000 (of which we have none) go into effect six months later. Systems serving between 10,000 and 50,000, (of which we have about a dozen) start monitoring in October of 2007. The real large group, those under 10,000 which represent the mass majority of our systems, have to start monitoring and doing some work a year and half from this October. It's going to come fast. Carlton and Jennifer Hitchcock just completed some training with EPA so they are our best sources of information. If you have any questions about Long Term II and Stage 2, give them a call. Thank you.

Legislative Update

Jeff McNelly

Before I present this report, I want to thank the meeting coordinators, Steve Cox, Bruce Goucher and Scott Clukey, who are all here. I also want to thank Madeleine Storer for filling in for us at the registration table this morning.

The legislative session has been very interesting. We've been following a number of issues. I'm going to talk about three primary things.

The first is a regulatory issue and that's the groundwater withdrawal work group that some of us are involved with, whereby there's a group of stakeholders meeting to talk about ground water withdrawal and whether we need to have a more complex regulatory process. Bob Marvinney, the State geologist, is coordinating this effort. A number of water supply folks are involved in these discussions.

We're currently considering two options. One is a water resources support group; an informal group of water resource professionals from state agencies, water users from municipal government or other stake holders. The other option is a water resources management agency which has a familiar ring to it because that concept is not unlike what was talked about in the early 1990's. One of the key issues is whether the ongoing focus is on having the state play a more supportive customer service type role or whether it will be a regulatory driven focus. This will all end up back before the legislature during the next session of the legislature, so it certainly has the potential to be very interesting.

As Roger noted, the bond issue has been a very challenging situation. We need to find a better way to effectuate this match, which is needed each and every year. You will recall that we put a bill in last session (LD 775) that would provide the money through the general fund; it would be a component of the Department of Health and Human Services budget. That bill had a hearing and was eventually amended. We were asking for \$1.8 million dollars for each of two fiscal years; it was amended to be \$1 million for each of the two years. It was actually enacted in the House and it now sits at the Special Appropriations Table of the Appropriations Committee. Our submittal of this bill did heighten awareness in the legislature; we feel that it was a contributing factor in getting the bond issue that we voted on last November.

Many of you know that the Bond issue is a very contentious thing. What's happening is that we have a Democratically controlled House, a Democratically controlled Senate and a Democratic for Governor. What has been happening is that the majority party adopts a budget at the end of March, and then the minority is upset about that so they dig in their heels as they feel they have been left out of that process. This markedly affects their ability to work together.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

You need a two thirds vote to send the bond issue to the voters and, due to the poisonous environment we are dealing with, it has been impossible to make that happen.

We need to work more closely with the Maine Waste Water Control Association because they're in the same boat. They're looking for a little over \$1 million in match. So, for the lack of \$3 million dollars there's \$15 million of Federal money sitting at the regional office which we can't access.

The outlook isn't great but, then again, maybe you need to get to a crisis situation to fix things. That seems to be where we're headed.

I also want to talk about sustainable water use. I'm not going into a lot of history because we've been trying to have the information in the newsletter on an ongoing basis. To get to the point, the DEP is proposing stream flow and lake level rules which will have a significant impact on public water suppliers. Initially they said we were going to be exempt, but the Attorney General's Office vetoed that concept. A major issue is the fact that these rules are proposed to be under their water quality standards, which are housed within the Clean Water Act. That is a very rigid federal framework that could result in both known and unintended undesirable consequences.

It does include ground water as well, but I'm just going to talk about surface water systems. Any surface water system that does not meet the standard allowable alteration, which is basically a two foot draw down, can go through a variance process into frame work.

A fundamental basis of the proposed rule is a goal that water systems would eventually meet existing and designated uses. As long as you're withdrawing water from that supply and you can't reduce that withdrawal it's an unattainable goal. If you cannot meet those existing and designated uses the Clean Water Act has a use attainability assessment provision. That's a prioritization process whereby, hopefully, you would be able to arrive at a finding where the use of the water resource for drinking water purposes is a priority and other uses, such as aquatic life, are deemed to be less of a priority.

We submitted an after deadline bill which would have specified that our use of the resource under a sustainable yield framework would be deemed to be protective of water quality. That was very troubling language for the opposition. We had a good turnout at the hearing, with six representatives there, (either Senators or House members) speaking on behalf of the bill and their systems. Fifteen water system managers presented either oral or written testimony or both. There were some worthy adversaries, including the DEP, Trout Unlimited, Maine Rivers and others.

I want to take a moment and recognize the efforts of the people who came to the hearing and spoke. That certainly left an impact with the committee. They had been coached by the DEP that what we were proposing was premature; they stated we should let the rulemaking run its course and that when the rule came back to the committee, they would fix it. We responded and said that we had been attempting to work with the DEP for over a year, in order to arrive at a satisfactory solution and that we had been unable to do that.

The hearing was on Tuesday. The next day there was a fact finding session, which included an Assistant Attorney General, the DEP, Nancy Beardsley from the Drinking Water Program, and many of the committee members. It was interesting that the Attorney General came in and sat there in the back of the room for the last couple of hours. At the end of the discussion he got up and said that they weren't in a policy setting role, that the Clean Water Act framework was very defined and there wasn't a lot of flexibility - which we knew and had been telling people all along. He did state that if we could show them some case law that would allow us to maybe do things a little differently, they would consider that. Our Attorney, Juliet Browne of Verrill Dana, had done some research and had found that there is a case in New Mexico whereby they have considered irrigation as a priority use. That was cited as an example of how we could do things differently.

Eventually we ended up with a Resolve which directs the DEP to work with the various stakeholders in regard to the pending rule making and to reconcile to the extent feasible the objectives of protecting aquatic life and other uses and the objective of allowing existing public water suppliers to providing public service. The Resolve also directs them to identify statutory changes which may be necessary to accomplish that balancing of interests and the Resolve also gives the committee the ability to report out legislation.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

So, we are encouraged by the outcome. We have a lot of work to do between now and the first of the year. It was a long process, that required a lot in the way of resources on the part of individual members and the association. There's a reason why we have a working capitol reserve - or used to have a working capitol reserve. It's still going to take a lot of work, but we will make every effort to get to where we need to be.

PUC Chapter 140 Update **Utility Service Area and Infrastructure Maps**

Stephani Morancie
Maine Public Utilities Commission



Good morning. I have provided a summary of Chapter 140. Chapter 140 is the utility service area and infrastructure map rule from the PUC. It was written before I got to the PUC so I can not tell you much of the history of it. I can tell you that I support it for the same reasons as some of the other people in our office. I don't think it will aid the emergency response at all, because none of you are connected. The idea that if there's an emergency we can run to the mapping system and see who can connect to other systems, is just not going to work in the water world.

What it does do is ensure that the water utilities that have come into compliance, and who will come into compliance, are prepared to do asset management activities. I see it as a way to make sure that I know that you folks have what you need and that you're updating what you need and that you know what you have. It's good to know what you have and it's a way to force systems to do something that you might put off when it's really useful to be doing that right now. So basically if you're a water utility, you're going to have to do it. There's no getting around it, but we will help you figure out what you have to do. What we've been doing lately is having meetings with each water utility that hasn't complied yet.

Basically what this rule does is ask you for two types of maps. One is your service area map, which shows the area that you serve and your chartered territory. There should be no infrastructure on that map. I don't want to see storage tanks, pipes or anything else. This is a public map and people can come in and request to see it at the PUC. So, don't put any infrastructure on it at all.

The second map is your infrastructure map and that includes your storage tanks, piping, hydrants and other attributes. They should be labeled CONFIDENTIAL. They're kept in a lock room; only certain people are allowed access to them. They are kept on a secured computer for MEMA purposes, but it stays at our office.

When you submit these two maps you have to submit them in paper form and in an electronic form. When you submit your paper maps, have a public map and a confidential map – and label it confidential. Have an electronic public map and a confidential electronic map, i.e. two disks - one that everybody can look at and one that is kept under lock and key. If you want to see our secure room, I can show it to you. We do not want any of that information that could jeopardize the security of your systems to be given out so that's why it needs to be labeled confidential. Under a Freedom of Information Request, someone could request any of our maps. If you don't label it, we may not know that it's confidential. So we're relying on you to label it confidential. We have had some telephone and electric companies that have not labeled them confidential and we had to ask them to resubmit.

After you've done your first round of submittals, please note that they need to be updated every year. The rule is quite straight forward, if you'd like a meeting just give us a call. You can ask all of the questions you like. We can open files up on the computer, such as maps and information from our files. We try to be as helpful as possible.

The table shows when you need to submit the maps. So if you have more than 5,000 customer accounts, you should have already submitted your service area maps and your infrastructure maps. There is a difference between transmission and distribution. Note that there are different due dates. Next year -

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

April 1st, 2007 the service area maps for systems with more than 1000 customer accounts are due. So if you haven't started yet you should do that. You can ask for an extension, but you will probably only get a year and it might take you more than a year to do this.

By 2018 all water utilities will have to comply.

| # Customer Accounts | Service Area Maps | Infrastructure Maps – Transmission | Infrastructure Maps – Distribution |
|---------------------|-------------------|------------------------------------|------------------------------------|
| Over 5,000 | July 1, 2002 | July 1, 2002 | April 1, 2004 |
| Over 3,000 | April 1, 2004 | April 1, 2006 | April 1, 2009 |
| Over 1,000 | April 1, 2007 | April 1, 2009 | April 1, 2012 |
| Over 250 | April 1, 2010 | April 1, 2012 | April 1, 2015 |
| Under 250 | April 1, 2013 | April 1, 2015 | April 1, 2018 |

PUC staff contacts are Joe Sukaskas at 287-1375 and Amy Spelke at 287-5945.

One last thing I would like to discuss is emergency response, because I had a question about this. Every year an emergency protocol is sent out to the water utilities and it has my contact information on it. If you have received that make sure you give it to the people who might be there in an emergency. There are certain people at the PUC that you're supposed to call and certain phone numbers that you're supposed to call. My phone number at home is one of those. You are supposed to call me at the office and, then if you can't get through, you call the next number. If you still can't get through then you call a pager and a beeper. There's an actual emergency protocol that the PUC follows; just make sure that everybody in your organization who would be responding to an emergency has it. We have had questions from water utilities, conducting trainings, who have called our front desk. Our front desk is not the place to call, so make sure you use that protocol in the event that you do have an emergency. Thank you.



A Back Flow Prevention Case Study *Kevin Luttrell, Bangor Water District*

Good morning. I've been at the Bangor Water District for about 9 years. I'm going to give you a quick summary of our cross connection program.

In Bangor we serve seven different towns. We average about 5 million gallons per day with a high of about 8 mgd and a low of 3.5 mgd. Our busiest days are in the middle of July.

Back in 1979 the state required that all large water districts develop and implement a cross

connection control program. So Bangor Water District designed and submitted a program that was accepted by the state in 1980. During the design it was decided to concentrate on mostly high hazard accounts because that was where most of the risk was at that time - for example hospitals or doctor's offices.

Educating the public is a challenge; we can always do more. What we found in the past is that, the more you educate the people, the more likely they are to change with the times. If you sit down and talk to them at their level they can understand what's being asked of them. For example you can explain to them about back pressures and back siphonage. I like to explain to people that if you are dispensing Miracle Grow with your garden hose and the phone rings, and you leave the water on when you go to answer it, and you have something running downstairs that is using water, there is a slight chance that you

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

could siphon back into your house. The more you educate people, the better it is, and the easier it is to implement something like a cross connection control program.

Bangor Water District developed a test procedure to help the contractors learn more about backflows. We essentially ran a school in the City of Bangor for about 6 years, teaching people how to test devices, repair them and we educated people as to how these devices work. We still work with the contractors today. We handle many phone calls and we hand out fliers. Any time someone signs up for water service, we show them the type of device they're going to need and tell them where it belongs because every town is different and everyone has different restrictions.

After this was all started, back in 1988, two training organizations decided to come to the state. One was New England Water Works Association and the other was American Backflow Association. So now there are two schools in the state that the City of Bangor accepts. They are both good schools and we try to get both up to Bangor to teach the contractors, but the only one we can get, right now, to teach is ABFA.

The Maine Backflow Prevention Association was started back in the late 80's by all the large water districts or companies in the state. The whole purpose of Maine Backflow was to help educate each other. They believed the more education you could provide, the better more acceptable this new program would be. Maine Backflow is still in existence but it's not real active. It has about 100 plus paid members.

The two types of backflow prevention methodologies are fixture isolation and containment. The good thing about fixture isolation is that it actually protects the customer from themselves. It is very expensive and very difficult to implement. The biggest impediment is cost.

So, what Bangor Water District decided to do is containment. Containment is protection at the entry point to the building. Near the water meter you install a backflow prevention device, with the type of device being dependent on the degree of hazard present. There are three different degrees of hazard. Containment is just as effective as fixture isolation. With containment you are just protecting yourself from your neighbor and the district from you. I don't believe there's any place in the state that relies on fixture isolation. In Bangor we have the Eastern Maine Medical Center and they do fixture isolation on their own.

Back in 1986 Bangor Water District decided to expand its program to include residential customers. This is where a lot of turmoil and heartache began. People wanted us to prove that there were cross connections in the buildings. That was the only way they were willing to accept the expanded program. Bangor Water District didn't want to do that; we wanted to implement the program throughout the whole city and make sure that everybody was protected. At that time 29 people signed a petition and submitted it, claiming that it was unfair and too costly and that there had not been any public hearings.

In reviewing the data, there were public hearings on August 26 and August 29 in 1986 at the City Hall in Bangor. There were a few people that met and debated the issue, but not many showed up. It was interesting that the petition stated that the program would be too costly and that water quality would also decrease. How they came up with that idea, no one really knows. The district held more public hearings and proved to them and the PUC that there would be no adverse affects. This was still met with quite a bit of resistance and it got very political at times.

But, once everybody agreed and came to terms, the district trustees affirmed that it was in the best interest for everybody to protect each other and that they would adopt it. The rule became effective in December of 1986.

Once the dual check devices were installed, thermal expansion problems started to occur. Thermal expansion is that situation where there is no means for the excess pressure that builds up in the internal plumbing system to be absorbed. There was so much pressure that we were blowing off water heaters. If there was solder or thread problems the internal piping was blowing off.

This was a big problem that came back to bite Bangor. We suggested that everyone install expansion tanks. Some people listened and some didn't. People without expansion tanks ran into problems. We still have some places that don't really like to install expansion tanks, but after we educate them a little bit, they decide to it.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

The biggest problem we're having right now is that some people put hot water heaters in with expansion tanks, using galvanized fittings. Over time, the galvanized fittings rot and that creates problems.

Concerning cross connections that we have seen, from 1989 to 2005, one of the first situations is memorable. In one of schools in the city, one of the recirculator pumps on the blower had failed and that hot water had backed up into the cold water line where they tied in together. Some gentleman decided to use the bathroom and was surprised when he flushed. His pride was hurt a little bit, but other than that he was OK.

In another instance, a home furnace had unapproved automobile antifreeze, which came to the water meter when the meter was removed. It did not come back beyond the meter as far as we know; it stayed inside the residential house.

A gentleman in Eddington, which is one of the towns that we supply, has a greenhouse next to his house. He ran a piece of PVC pipe out to it. He'd shut the water off into the house, and forgot that he had the greenhouse line on. That siphoned his green house fertilizer back into the house. Then again, it still didn't get back to the water main because of self containment.

The latest story that we have concerns a lady who went to camp for the summer and the plumber didn't shut off her water above the meter or below the meter. The sink down in the basement was leaking by. The toilet on the third floor didn't have an anti-siphon device on it. So what had happened over time, was that the Tidy Bowl in her toilet had siphoned back through the system. When she came back in September, she came home to blue ice. It wasn't well received. I believe she bought a new refrigerator after that.

We consider an RPZ or double check valve as testable devices. Dual checks, which are the residential devices, are nontestable. In 1982 we were only at 20% for the testable devices. That included some of the new places but also included 99% of the military buildings which we were already doing. By 1987 we were at 77% of the testables and 73% of the residential customers had devices.

We had better luck with bringing residential people into the program. For one thing, it doesn't cost as much to install a dual check as it does a testable device. We require that the RPZs and double checks be tested once a year. The nontestables are checked when we change the meters; we don't shut the valve above the meter off, we just pull the meter and make sure the device is working. If it doesn't work we note that on the job order and the office sends a letter to customer. They need to have it fixed within 30 days. If it isn't we start a disconnect notice. We've never had to shut anyone off yet, but we've threatened to.

As of 2005, we like to say we're at 100%, but I don't believe you can ever say that you're at 100% because there's always something out there that you missed. To the best our ability, we make sure that everybody gets their test results in to us by September.

We have a total of 10,100 services in the city of Bangor. That includes fire services (which also have testable devices on them) and residential services.

There are 8700 nontestable dual checks on residences, which we test when we change the water meters.

The rest are RPZs and 695 double checks, which are tested once a year; we also have 3 double checks which we test twice a year. We send out a couple of notices every year. We send the reminder notices for the testable devices out in March and in June. Usually with the first notice we get a big wave; the second notice captures most of the others. This is basically just a courtesy reminder for people to call their contractors to have their devices tested. If this all fails, then we send the disconnect notice. We have actually showed up at a couple of spots in the city and dropped wrenches on the curb stop just to prove a point that we are willing to shut the water off. But, as I indicated, we've never shut anyone off. We work with the homeowner or the business quite a bit. As long as they can tell us that you have a contractor coming; who it is and when they're coming, then we'll give an extension. Hopefully we won't have to shut any one off, but we do have to threaten at times.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Our database keeps the last couple of years of test results. It records who tested the device, plus the results. For any new establishment, we test and permit for the state free of charge. After the first year, they have the contractor test it. If they replace the meter, then we go back and retest it free of charge.

We're improving every day. The biggest thing that we're seeing in Bangor, like every where else, is irrigation systems. For those we're requiring RPZs. That way everybody is covered.

On pools, if it's directly piped, we make them put a double check on RPZs depending on the hazard. If they fill by garden hose right now we just require a dual check. We did rewrite the cross connection policy last year. We found a couple of more things that we would like to change in the future. Pools are one of the things we are looking at changing.

We have a list of 12 to 15 approved contractors. We ask for certification of their testing gear, which itself has to be tested once a year. Some contractors are doing it for \$35 and some are doing it for \$105. We tell people to call around because the price varies quite a bit. But, we don't recommend any one.

Thank you.

A review of the 2005 Plumbing Code

Dana Tuttle, with Bruce Greeley

State of Maine Plumbing Inspectors



Back in September, the State of Maine adopted a new specific internal code. This code is based on the 2000 Uniform Plumbing Code which is supported or written by IETMO. It has a lot of specific information in it. Chapter VI is the water distribution section of the code.

I get questions from water districts all over the state. There is one that I want to bring to your attention. Inspections and permits are not required for the installation of stand alone water meters, or water meters in combination with untestable backflow prevention devices and related valves by the water utility personnel or water utility contractors. I get that question a lot. However, the water utility shall include in any notice provided to a customer regarding entry to install such a meter or related valve a statement that installation of backflow prevention may necessitate installation, by the customer, of additional devices such as an expansion tank, due to thermal expansion.

As a plumbing inspector, we are concerned with contamination and pollution, but the code is very specific on fixture isolation as compared to backflow prevention devices. You have to provide the supply, and you have to regulate the backflow prevention device on the water service coming into the building, but when that water leaves that water meter and goes through the building, that's where the plumbing code really comes into effect concerning fixture isolation.

There are some people in this state still today that believe that backflow prevention devices are not needed. If the general public were not so ignorant and followed the internal plumbing code when

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

installing plumbing, maybe we wouldn't need backflow prevention. However, that's not happening. There are backflow situations every day because people just don't look at what they're doing.

I heard the earlier presentation about the Miracle Grow garden hose situation. This new plumbing code actually specifies that frost free silcocks have integral backflow prevention devices. This plumbing code doesn't allow for the screw on backflow preventor at all anymore in the state of Maine. It's another good step towards backflow prevention requirements.

You are the purveyors of that water. You have to protect that system. The plumbers do their part in the residence or the commercial structure. The fire sprinkler installer has contained his system. You have to contain your system.

Each permit that is issued by a local plumbing inspector is required to meet the minimum standard of this plumbing code. Does that happen each inspection? That's why we're here with you folks. You contain entire buildings with mechanical devices which need to be tested or at least observed.

If every fixture had an air gap or everything was isolated there would be no problem. As we were discussing we have people using the wrong antifreeze in the boiler without a backflow preventor or a dual check without an atmospheric break. That used to happen a lot.

In the Chapter VI handout you will notice that the code has even gotten specific relative to identifying whether the system is a potable or non-potable water system. The plumber has to identify his potable water piping because many places in this country are going to reclaimed water. I get calls every month from somebody wanting to install a reclaimed water system. Those systems have to be identified so that the next person, who may come along 20 years later, ties into the right pipes.

Table 6-2 lists specific backflow assembly devices, along with data as to whether they are to be used for low hazard or high hazard contaminants, whether the application is for back siphonage or back pressure and so on. It's very specific concerning that.

We hope that by reviewing this handbook, that some one will call us or notify us that there are controversies between this code and your codes. We have spent 5 years adopting a new code and now, after some amount of political haggling we still have a document that's not quite 100% perfect. That's why it's good for us to come out and do this presentation. If we can determine from you, as a group, that something is totally against what you do, in regards to this book, we can address that. Because it is so specific as to what device is to be installed where, I fear there may be problems; but I do not see any myself. We are both master plumbers who have worked in the field as installers for over 20 years and now we have been state employees for 12 and 18 years. We still don't consider ourselves to be experts or professional speakers, but we are confident of what we know concerning what is in the book and our interpretations have been pretty consistent.

If we don't know the answer to a question, we will get an answer and get back to you.

When it comes to situations concerning water purveyors and people come to us with questions, we both are consistent. We direct them to the water district or the local plumbing inspector. That's our common statement.

It's your water system that you are protecting. It is our understanding that you would be designing the right device for the degree of hazard, which we are not capable of doing.

The new code does identify hazards to a degree, but it does not cover every situation.

When we discuss backflow preventors in our training sessions we indicate that, at least in our opinion, the only 100% backflow prevention device is an air gap. There is no mechanical device that will provide the protection without maintenance. An air gap fitting is the only cross connection device that we would recognize as absolute.

Something new with this plumbing code is a list of approved products. Previously if you wanted to purchase a toilet or valve or anything else, from anywhere, no one would give you any problem. Now all acceptable products, devices, valves, etc. will be listed as approved products. An inspector or even a homeowner can reference the book, or look online, and can see that you spend your money well.

There is one thing that I want to discuss and that is water mains coming into the building passing through concrete. Whether it's vertical or horizontal it cannot be embedded in concrete. It has to be sleeved. There are no criteria for sleeving, other than it must be sleeved. The sleeve can be removed but

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

the void area where the sleeve was or is must be filled with a non-masonry type product because masonry and copper are not very compatible.

The code is specific to electrical grounding on the new PEX systems also. Again, if you are installing a backflow preventor on a new water service you do have to notify the consumer that an expansion tank will be required, to be installed by a licensed plumber.

One thing that the code has never stated is the size of the water service that the water utility or water utility contractor installs to that building. This code is quite specific on the size of the potable water lines in the building but it doesn't reference what size the utility or the contractors should bring to the building.

You can purchase the uniform, State of Maine plumbing code publication by calling 1-800-854-2766. Their website is www.iapmo.org. Make sure you reference the current Maine code when you place the order. Thank you.

CONFERENCE NO. 485

June 8, 2006

Island Falls

Welcome to Island Falls

Al Skolfield, Island Falls Board of Selectman

I want to welcome you on behalf of the people of Island Falls. We have a modest little water system. It was started around 1917 when the water company was formed. We have approximately 240 customers now, one of which is a major customer. We have struggled.

We have a Board of Selectmen which oversees the operation. We recently went from a 3 person Board to a 5 person Board. Those of you have served on executive boards or administrative boards, know what that can mean. A two hour meeting is now a 3 hour meeting so we kind of like to figure everything out.

We did kind of get into a mess when OSHA came in and looked into everything we were doing in town. In fact, we weren't doing very well in some areas at least: the water system, the fire department and the ambulance service. If you know anything about a town like Island Falls, you know that's about all there is. We had \$7000 worth of fines assessed to us. We have done much in the way of improvement, OSHA has pretty much guaranteed us that they would not fine us so we're very lucky on that point.

In 1973 when I left the police academy, they called me into the office and told me that I was going to Dyer Brook. I didn't have a clue as to where Dyer Brook was. I talked to my wife and said we're going to Dyer Brook, Maine. She asked where that was; I said that I knew it was in Aroostook County so we grabbed an atlas and, I think at that time, the population of the town was 43 people. So we knew we were going to a real hub. We lived in Oakfield, which is just around the mountain from here.

We bought some land when we left in 1987. We loved it here so we did come back. We are obviously here by choice.

We are very glad that you folks are here and we welcome you all. This time of year, you're assured of one thing: black flies and mosquitoes. We are in the process of trying to go to a water district. The legislature has approved the charter; at some time in the near future, we'll be going to the townspeople to see how they feel about it.

As I welcome you on behalf of the town, I have to warn you that I don't know anything about water. I do drink it. I've been known to put a little bit of it in some scotch or Jack Daniels. If you have any questions about the community or anything, I will be happy to try and answer them.

Thank you very much for the opportunity to host the meeting.



MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006



Brian Tarbuck
President, MWUA

Good morning. I told him that I wouldn't do this to him, but I'm going to do it anyway. I would like to recognize Curt Adams, Chairman of the Public Utilities Commission. He was instructed to wear blue jeans to this meeting, because if he wore a suit it would probably not be a good thing. Thank you very much, Mr. Chairman, for coming.

Business Meeting

Legislative Update

Jeff McNelly

Good morning. I will give a quick update on where we are on a couple of bills. It's been a fairly busy legislative session. The normal issues that we deal with, which we typically handle pretty well, did not consume a whole lot of our time.

There are a couple of issues, which are still ongoing and that could be characterized as regulatory / legislative issues that have required much in the way of resources.

The water use standards rule, which is being proposed by the DEP, has the potential to really impact surface water suppliers. We had to submit legislation (LD 2070 An Act to Ensure the Availability of Public Drinking Water Supplies) which would have provided some relief for us. The rules that were being proposed by the DEP were going to immediately place anywhere from 10 – 12 systems in noncompliance. Another couple of dozen systems, perhaps, were not far behind them.

So, we submitted that bill and we ended up with a resolve that instructs the DEP to balance the aquatic needs with our need to provide drinking water. We have been working with the DEP on rule making and the Drinking Water Program is involved in that process. All along we have been discussing the fact that this would be administered by the Drinking Water Program; at the last minute the DEP has proposed that they administer it in their department. Those rules will be posted with the Board of Environmental Protection next week. That will undoubtedly lead to a whole new round of negotiations and advocacy on our part. So, stay tuned.

On the groundwater side, we are dealing with another challenging issue. As the result of a bill that was enacted during the First Session of the 122nd, there has been a groundwater working group whose task is to study state regulation of groundwater withdrawal and provide recommendations. What's being proposed now, by the Department of Conservation, is a groundwater coordinating council which would be another layer of regulation. Our position is that there are gaps in the process, but we should focus on those and not have another regulatory entity.

In southern Maine there are a lot of activity whereby companies are buying land, attempting to extract, bottle and sell water and the communities just don't know how to deal with that. When the community officials turn to the state agencies, the Drinking Water Program provides some advice, the DEP does not feel they are really in the position where they can provide assistance, so the communities develop ordinances and implement requirements on their own. They just don't have the experience or knowledge base to do that and end up with a product and process that always makes sense. So that's probably one of the biggest gaps in the management/regulatory process.

So for those of you who have groundwater systems, your turn is coming and it's coming soon.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

The last thing that I'll say deals with the bond issue. We did not have a bond reported out for a referendum vote and there does not seem to be any other mechanisms for providing the match for the drinking water revolving loan fund. We need \$1.8 million dollars to match \$9 million dollars in federal funds; if we don't get the match we don't get the federal money. This has been a very frustrating process as well. We have, in Augusta, a situation where we have a Democratic Governor and a Democratic controlled House and a Democratic controlled Senate. In DC we have the opposite situation, with the other party in control. Neither of those are situations that are very conducive to doing the work of the people.

So we're continuing our efforts relative to the bond issue, but it doesn't look very good. If we don't get the match, we'll have the same situation that we had in 2005. We had a special Board meeting two weeks ago to talk about various options. There are half a dozen actual or potential pieces of the match equation, some or all of which could be used to develop an alternative to the current process - which is not working.

There will be Primaries next week, so you'll be able to vote for your Democratic and Republic candidates. We should all be doing that. This time of the year is also a good opportunity to represent your town and show them your system that has perhaps had improvements recently - maybe from the SRF program. Maybe the system needs improvement, and funding from the SRF program. It's a chance to educate them before they head to Augusta.

The last thing I will mention is the H2O for ME effort. You may recall that this group did not collect enough signatures last time around and their initiated petition did not make it onto the ballot. Their latest effort does not focus on a tax on bottled water. It basically changes groundwater law in Maine. Currently, if you own land over your source - which you do - your use is subject to reasonable impact on natural resources. This new initiative would transfer the ownership of that groundwater to the state.

We've been involved in discussions with other stakeholders to ensure that the language on the ballot question really describes what the petition proposes to do. It proposes to make a huge leap from the common law framework to a new scenario where the state owns the groundwater. Thank you.

Regulatory Update

*Larry Girvan, Northern Maine Field Engineer
Maine Drinking Water Program*

I would like to follow up on the SRF match situation. There are alternative methods to secure that match, but some of those methods are going to result in less monies being available for disadvantaged systems - which is one of the major benefits. We have all kinds of requirements coming down from the federal government such as surface water treatment regulations and a new groundwater rule - which is basically unfunded at this point. So once again, if you have an opportunity to talk to your legislator, please do so. It's important because we need this funding.

We have a new proposed fluoride rule in the pipeline. The public hearing has been postponed. The original public hearing was scheduled for June 20th. We hope to schedule a public meeting sometime in July.

We are going to start to rewrite the cross connection rule. They'll be some revisions there, I understand. So, if you have any opinions on that or you want to be involved, please contact Augusta.

Andy Tolman is heading up a public process to discuss and refine recommendations for continuing to improve the safety of public water supplies. One of the recommendations is to establish consistent policies among all state agencies to enhance water source protection. A second recommendation is to create an effective program to maintain agriculture and forestry land use in source



MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

protection areas. The third recommendation is to mitigate the affects of existing and new development on drinking water quality through the use of education, incentives and enforcement.

There's going to be a public hearing on the Drinking Water Program's rule changes; that's scheduled for June 22nd at 2:00 in the Key Bank building in Augusta. The details are listed in the Drinking Water Program's website or you can contact Tara in Augusta.

We've had some feedback from the State laboratory in Augusta a little while ago. They're missing a lot of the bottles and we're hoping to get those returned. They figure they've got \$30,000 worth of bottles out there on the street. If you've got boxes of bottles laid away in the corner, send them back.

Concerning operators' news, the exams are October 19th in Presque Isle and October 17th in Augusta. Applications have to be postmarked by September 9th. You can contact Terry Trott in Augusta for more information. Thank you.

Brian Tarbuck

Next, I'd like to introduce Chuck Kelley. He is going to present on SCADA. What is SCADA, SCADA in the County, its key components and troubleshooting and maintenance.

TECHNICAL PROGRAM



Understanding SCADA & What it Can Do for You *Chuck Kelley, Kelley's Industrial Electronics*

Editor's Note: the technical session for June was a presentation on SCADA, conducted by Chuck Kelley of Kelley's Industrial Electronics in Limestone. Mr. Kelley had established a dial-in connection to the Caribou Utilities District SCADA system.

The following outline provides an overview of the topic material. For detailed information on the SCADA technical program contact: Charles Kelley d/b/a Kelley's Industrial Electronics, P.O. Box 522, Long Rd., Limestone, Me. 04750

What is SCADA?

- Stand alone control
- Access to control parameters
- Data logging
- Remote access
- Other capabilities

Key components

- Process
- Field devices
- Telemetry
- Controller
- Software

SCADA in "The County"

- Caribou
- Fort Fairfield
- Fort Kent
- Limestone
- Madawaska
- Mars Hill
- Presque Isle

Troubleshooting and maintenance

- Understanding the PLC
- Using the PLC to troubleshoot
- Reading PLC diagrams
- Recommended spare parts

Waldoboro Wells Come on Line



It took \$5 million in facility improvements to address all of the significant issues that have challenged the Waldoboro Water Department, since it was acquired by the Town in 1999. However, with completion of the Cross Street Pumping and Treatment Facility in April, 2006, the project was completed. From this site a combination of surficial and bedrock wells provides the needs of the town's water customers. An open house was held in early June, 2006.

Late in the year 2005, a new transmission main on Depot Street from Route One to the Cross Street site was completed to bring the new water supply into town. These two projects were financed with a \$2.8 million dollar loan package from the Maine Drinking Water Program State Revolving Fund. Previously, and also using Rural Development funds, significant improvements were made to the system, including a new storage tank and thousands of feet of replacement distribution mains.

The new source of supply replaces a source of purchased water that contained elevated uranium levels. The Radionuclide Rule, which became effective in 2003, established a maximum contaminant level (MCL) for uranium at 30 micrograms per liter. The average of the quarterly test results obtained during 2005 in the Waldoboro water system was 110 micrograms per liter.

The improvements also included technology to remove radiological contaminants from the source water, ensuring that water from the new wells meets the new standards.

The significant new investment in water utility infrastructure made it necessary to raise water rates. Water utility bills recently increased an average of 36.8% beginning with the second quarter bills in July, 2005.

The Waldoboro Water Department has a total of 403 customer connections with an average monthly residential water charge of \$27.94 (2005). Their largest individual customer, Osram Sylvania, which used on average 12,540 gallons per day in 2004 and 7,545 gallons per day in 2005, has since closed.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

CONFERENCE NO. 486

August 9-10, 2006

Brunswick & Yarmouth

**21st Annual MWUA Clambake Scramble Golf Tournament
Toddy Brook Golf Course, August 9, 2006**



One-hundred golfers teed off on August 9th for MWUA's 21st annual Clambake Scramble Golf Tournament.

First place team members include Rick & Kyle Knowlton, Chris Hodgson and Brad Leighton.

The Lady's Long Drive was hit by Terri Brown and the Men's Long Drive was hit by Kyle Knowlton.

Rick Knowlton's luck was in full swing as he walked away with the Service Box Putter. Brian Tarbuck is now wearing the prestigious Red Jacket.

Through donations received by the benefit casino hole and long drive hole, a \$500 donation was sent to Water for People.

The Association would like to thank the tournament sponsors: AMCO Water Metering Systems, Atlantic States Cast Iron Pipe Company, Camp, Dresser & McKee, E.J. Prescott Company, Ferguson Waterworks, Ford Meter Box Company, Natgun Corporation, Sensus Metering Systems, Ti-Sales, Verrill Dana, LLP, Weston & Sampson Engineers, Woodard & Curran and Wright-Pierce Engineers.

A special word of recognition goes out to Steve Cox for his efforts in organizing another great MWUA golf tourney.



MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006



**Downeast Clambake
August 10, 2006
Thomas Point Beach
Brunswick, Maine**



Thank you to the Program Committee, MWUA's Clambake Vendors and the Brunswick and Topsham Water District for another great clambake!

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

In Memory

Jerry Healey

Jerome J. Healey of Phippsburg, Maine died on July 8, 2006 at the age of sixty-three. Jerry is survived by his wife Camilla (Glynn) Healey and children: Terence, Jeremy, Maura, Caitlin and Tara.

Mr. Healey was a Captain in the U.S. Navy and served for thirty years in the Commissioned Corps of the U.S. Public Health Service.

Jerry joined New England Water Works Association in 1973 and served the Association on numerous committees and in many positions including: Treasurer first of the New England Section 1985-1987 and then after the NEWWA / AWWA affiliation he was treasurer from 1988-1994, NEWWA President 1996-1997 and AWWA Director 1998-2001.

He was a life member and honorary member of NEWWA. He received the George Warren Fuller Award in 1992.

Bob Peterson

Submitted by the Drinking Water Program

Robert (Bob) Peterson, a highly regarded and valued staff member of the Drinking Water Program died on July 7, 2006.

Bob Peterson dedicated his professional life to protecting the public health of Maine people and visitors. Bob began state service in 1974 in the childhood lead program and transferred to the Drinking Water Program in 1975. For ten years Bob worked with water utilities in those early years of the Safe Drinking Water Act. In 1985 Bob transferred to the Eating & Lodging Program and soon after took over as the head of that program. Bob held that position for fifteen years and returned to the Drinking Water Program in 2000 as the Database Administrator.

Bob was a quiet, humble person who worked tirelessly to perfect our Safe Drinking Water Information System – a formidable task. Nationally, Bob was well respected and regarded in his field. Only during his illness did we learn about the many instances when he helped other states create or improve their data systems. Bob was always willing to listen and help with any problem, large or small.

All at the Drinking Water Program and in the Division of Environmental Health miss Bob. We hope to honor his life by modeling his superior work ethic and kind, good heart.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Past Presidents Deceased*

1926-50 DAVID E. MOULTON*
1951 SIDNEY S. ANTHONY*
1952 ROMIE K. NEWCOMB*
1953 ALLAN F. McALARY*
1954 LEANDER G. SMITH*
1955 FRANCIS L. HATCH*
1956 EARL A. TARR*
1957 WM. G. HARTWELL*
1958 HERMAN BURGI, JR.*
1959 DONALD P. JOHNSTON*
1960 J. ELLIOT HALE*
1961 LYNDALL K. PARKER*
1962 MAURICE H. BURR*
1963 JAMES W. BATES
1964 J. PORTER HENNINGS*
1965 CECIL W. MANN
1966 E. S. LITTLEFIELD*
1967 PAUL G. BUTLER*
1968 M. A. PACKARD, JR.
1969 W.D. MONIE*
1970 ROBERT VARNEY*
1971 JOSEPH TAYLOR
1972 SHERMAN SMITH*
1973 HARRY WOOSTER
1974 GERARD F. LAUREN*
1975 PELEG BRADFORD*
1976 LYBRAND GOLDSMITH
1977 STANLEY MELIN*
1978 ALTON JOHNSON*
1979 EARLE A. TARR, JR.
1980 JOHN E. LOMBARD
1981 FRED E. GIVEN
1982 DAVID A. SWEET
1983 R. PATRICK GRADY
1984 HECTOR LeCOURS*
1985 RONALD R. GRAY
1986 A.B. PALMER, JR.*
1987 PETER L. CALDWELL
1988 EDWARD B. BURGESS
1989 DENNIS T. KNOWLES
1990 JEFFREY L. McNELLY
1991 JEFFREY P. NIXON*
1992 GEORGE PETERS
1993 NORMAND R. LABBE
1994 NORMAND R. LAMIE
1995 DONALD L. WARE
1995 DAVID MICHNIEWICZ
1996 WAYNE ROGALSKI
1997 NORMAN J. CYR
1998 STEPHEN L. FREEMAN
1999 JAMES W. WEST
2000 RICHARD L. KNOWLTON
2001 SCOTT MINOR
2002 DAVID PARENT
2003 JEFFREY LACASSE
2004 MICHAEL NADEAU
2005 JUDY KELLEY

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Board of Directors Meeting March 2, 2006 Topsham, Maine

The March meeting of the Board of Directors of the Maine Water Utilities Association was held on Thursday, March 2, 2006 at the Brunswick-Topsham Water District, Topsham, Maine. President Tarbuck called the meeting to order. Directors present were LaCasse, Kelley, Nadeau, Alexander and Reed. Also present were Executive Director McNelly, Rebecca Martins and David Parent.

Communications

McNelly shared that he had received a letter from the EPA acknowledging the contributions of the Maine Rural Water Association in promoting safe drinking water.

Kelley acknowledged receipt of a letter from Richard Berry thanking the association for his recognition at the 80th Annual February Meeting and Trade Show.

Kelley shared a letter titled "A Personal Review" written by Hugh Hastings; a concerned citizen of Fryeburg.

Kelley informed the Board of Directors of Fryeburg's intent to form a water district.

LaCasse informed the Board of Directors that a Kennebec Water District's Trustee had received a response back from Senator Susan Collins acknowledging the District's concern with the availability of fluoride supply and he would forward the reply to the Drinking Water Program.

Executive Directors Report

McNelly updated the Board of Directors on the 11 % Anthem BCBS increase in the association's health insurance premium. MWUA staff will meet with an insurance broker to review the association's current insurance policies and premiums on March 6th.

Approval of Minutes

On a motion by LaCasse and a second by Kelley the minutes of February 9, 2006 were unanimously approved.

Committee Reports

Water Resources Committee - *Written report submitted by Chair, Jon Van Bourg*

The Water Resources Committee continues to work on the Sustainable Water Use issue with a focus on developing useful and justifiable numbers to for the purpose of establishing and evaluating sustainable yield for surface water sources. A continuing issue is when and how will groundwater sources be drawn into the discussion.

Training issues for LT2/DBP2 are on hold because the rule implementation has been pushed back to 2007 or later for all systems other than Portland. However, we have developed a training program on the Impacts of water treatment practices on wastewater plant operation and another on Source-water protection basics. We are also working with MRW on a training program that will cover basic, hands on laboratory operations and QA/QC for smaller water districts. This has been prompted by recent issues with the fluoride rule.

We are looking at problems with fluoride reagent disposal and we are trying to develop a statewide solution that will work for the DEP, the DWP and the public water systems. We will also be discussing the implementation of boil-water requirements with an eye to establishing clearer guidelines for everyone.

We have discussed various issues faced by unfiltered systems, particularly in Auburn and Great Salt Bay. There are very real conflicts between Region 1 EPA and our local DWP which has been very supportive of the unfiltered systems. MWUA may be called on to support the unfiltered systems since there seems to be very little leeway in the event of any violations of either DBP's or coliform in source waters.

McNelly informed the Board of Directors that the committee is planning a training session on the management of lakes and reservoirs in regard to water quality. The training will take place on April 6th at the Kennebec Water District. In addition, a session on the "Impacts of Water Treatment Practices on Waste Water Treatment Plant Operations" will be facilitated by JETCC on March 14th.

Public Awareness – *Written report submitted by Chair, Gary Stevens*

The Public Awareness Committee conducts bi-monthly meetings with the most recent meeting held on January 10th 2006 at Portland Water Districts Sebago Lake Office. The next PAC meeting will be held at the Brunswick Topsham Water District on Wednesday March 8, 2006 at 9:30 AM. It will be a joint meeting with the Ed & OPS Committee.

We have not had a meeting since the January meeting so not much to report on since the February 6th PAC update. At our March 8th meeting, we will go over the Photo and Rigs and Gigs Contest held at the February Tradeshow in Portland. This is the time to make adjustments to these two contests. We welcome any comments and/or suggestions for the 2007 contests at the tradeshow.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

We will be preparing for the Maine Sportsman's Show and our MWUA Booth at the show. The theme is "Gunning for Clean Water".

We should be discussing the Southern Maine Children's Water Festival held in May. We most likely will have a PAC meeting early in May to make final preparations for that event.

Tarback informed the Board that PAC members have agreed to assist the Ed & Ops committee in the development and delivery of quality training sessions.

Program Committee – *Written report submitted by Chair, Jefferson Longfellow*

The Program Committee met as a group on February 28 at Aqua Maine's facility in Rockport. The committee reviewed the February meeting. The general feeling was that the changes that have been made have been well received. The management session was well done although the numbers attending could have been better. The NEWWA sessions were very well attended, but many attendees were not aware that the sessions went into the afternoon, and the afternoon breakouts were not an option. The MDOT session went over in time due to a presentation glitch, but it was well received. The afternoon sessions were very well received with requests for the grant writing session to be repeated, and the Trustee class to focus on rates next year.

One reason that there may have been people signing up for both the NEWWA and the afternoon breakouts is they are trying to get the most CEU's for the day, and not reading the descriptions in the brochure. A couple committee members will be assigned to work with NEWWA to get some time consistency for the classes between the two groups. The show preview went well. Most of the vendors were happy with the changed layout. The Tuesday technical modules were well attended. The product demonstrations had a few problems; it seems that if there are no CEU's available, there is little incentive to attend. The Committee will try the product demos again with better notifications. One potential problem was people were being pulled away to have other committee meetings. It was a frustration to have to ask a committee to quiet down on Tuesday morning because they were drowning out the presenter in the next room.

The April Meeting in Rockport is nearly completed. There will be several updates, including one from the PUC on Chapter 140 since more utilities will be required to report in 2007. The remainder will discuss a backflow prevention case study and the State's newly adopted plumbing code in 2005. The June meeting in Island Falls is also coming together with the focus being hands-on SCADA which has been requested in that area. The next program committee meeting is on April 26 at the Bowdoinham Town Office.

Education and Operations Committee – McNelly

An outline of upcoming MWUA sponsored classes was distributed to the Board of Directors. The classes have been posted online at mwua.org and will be included in the March issue of the Maine Water News.

McNelly informed the Board of Directors that the New England Water Works Association has requested a meeting with the association to discuss the coordination and delivery of quality training sessions. The meeting is scheduled for March 9th.

Legislative Report – Parent

Parent reported that the Committee continues to address the DEP water use standards rulemaking. Talking points have been distributed to the MWUA membership and water utilities have been encouraged to contact their local representatives. By the end of the business day, Parent advised the Board of Directors that the MWUA sponsored Sustainable Water Use legislation has been accepted by the Legislative Council with a unanimous vote of the Council.

Committee members continue to seek support in favor of LD 775 "An Act to Provide a Stable Source of Funding for the Safe Drinking Water Revolving Loan Fund."

Old Business

A draft of the February financial report was distributed. Corporate and Associate membership dues continue to be remitted, as well as advertising dollars for the journal, newsletter and trade show brochure. The February Meeting invoices are being remitted.

A report of outstanding membership dues was distributed for the Board of Directors' review.

There were no updates on the 3 year financial plan.

The American Water Works Association's Fly-In is scheduled for March 28-30, 2006. Jim West will represent the association and his attendance will be paid for by AWWA. Funding is available for the allocation of an additional MWUA representative. Tarback will inform the Board of Directors of his availability to participate.

The 2006 goals of the Executive Director and the Board of Directors will be reviewed at a future date.

The New England Water Works conference is scheduled for April 4-6, 2006 in Worcester, Massachusetts. As a conference co-host, MWUA is eligible to receive two complimentary registrations and is invited to exhibit at no charge. Jeff and Laura McNelly will staff the MWUA booth on Wednesday, April 5th. Bill Alexander will staff the booth on Thursday, April 6th with the assistance of Jim West.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

New Business

Reed announced his resignation from the MWUA Board of Directors effectively immediately.

The April meeting of the MWUA Board of Directors has been rescheduled to avoid conflict with the Maine Waste Water Control Association's Spring Conference and the New England Water Works Spring Conference. The April 13th BOD meeting will directly follow the conclusion of the MWUA bimonthly meeting in Rockport.

The May Board of Directors meeting will be held on May 4th at the Brunswick-Topsham Water District. The June meeting will be held on June 15th also at the Brunswick-Topsham Water District.

Adjournment

On a motion by Reed and a second by Alexander, the meeting was adjourned by unanimous consent.

Board of Directors Meeting April 13, 2006 Rockport, Maine

The April meeting of the Board of Directors of the Maine Water Utilities Association was held on Thursday, April 13, 2006 following the bi-monthly membership meeting. Directors present were Tarbuck, Kelley, Alexander, Nadeau, Johnson, LaCasse. Also present: Executive Director McNelly, David Parent, Norm Lamie.

Water for People

Representing the New England Water Works Association, Lamie described the efforts of NEWWA to support Water for People. He asks for a pledge of monetary support from MWUA.

Following a discussion of the current and expected status of the Association budget (including the fact that AWWA has raised the price of the Opflow magazines to MWUA to \$4900), motion by Alexander, second by Kelley "to contribute \$1000 to the Water for People campaign from MWUA". Vote: All in favor.

Communications

McNelly passed around a thank you card from the George Mitchell Center.

Executive Director's report

McNelly stated he got an invite to MWWCA May 19 executive board meeting from current MWWCA president Andy Rudinski. Tarbuck and McNelly will attend.

McNelly also gave a recap of his recent interactions on LD 775 hearing and the SRF dilemma for MWWCA.

Board discussed the role of the Drinking Water Commission in the SRF match process and the potential impact on primacy if no SRF is available. The fact that Wyoming is currently the only EPA regulated state was discussed. Kelley said she would email the report constructed by Rick Knowlton and others addressing potential alternative plans if SRF funding does not happen through bonds or the General Fund. Roger Crouse is currently working on a report for the DWC.

Approval of Minutes

The minutes of March 2, 2006 were unanimously approved.

Committee Reports

On the Legislative front: Dave Parent and Jeff McNelly gave an update on the sustainable water use issue. A compromise solution with a plan to move forward was hashed out at the 11th hour before the Natural Resources committee made a final determination in work session. Jim Cohen and Juliet Browne from Verrill-Dana (for MWUA), the AG's office, DEP, and EPA were prime players in the compromise. Many Maine water utilities and some environmental lobbies (NRC, Maine Rivers, Trout Unlimited) also participated in the information dissemination portion of the process. Going forward, there will be a series of future meetings between the key players beginning with one scheduled for April 14.

Dave mentioned the final rule changes to Dig-Safe stating that the impacts were hard to analyze as only a few entities would be affected.

Education Committee

McNelly gave an update on the "concerns" that have been raised by some on the link that MWUA has made with Wright-Pierce Engineers on some educational training sessions. The concern regarded competition with the MRWA programs. McNelly met with Nancy Beardsley and Roger Crouse of the DWP (and later with Terry Trott) to discuss the issue. They indicated funding for MWUA education would be renewed. To bring the program up to date, he will submit the work plan for the remainder of 2006 to Terry.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Program Committee

Jeff Longfellow supplied a hard copy report of the committee's recent work.

Some discussion was held on the fact that the MPUC required a full blown process for a rate case request for a Terms and Conditions update by the South Berwick Water District. This appeared to be a test case.

Public Awareness Committee

Tarback reviewed the committee's participation at the recent Sportsman's Show. He stated that the committee would be involved at the end of May in the Children's Water Festival.

Financials

McNelly stated that the February show appeared to net \$48-49,000. Overall, legal expenses are greater than originally projected due to the extended participation in the sustainable water issue for the two Verrill Dana attorneys. Some use of the reserve fund will be necessary to cover the added expense.

AWWA Fly-in

Tarback reviewed his participation with Jim West at the AWWA Fly-in in Washington.

Board Vacancy

The Board discussed the vacancy left when Greg Reed resigned after leaving the Bangor Water District for a job in Ohio. By-laws state that the Board can appoint a replacement for the remainder of the calendar year with an official election to be held at the annual meeting to fill the remaining years of the term. Several potential candidates were discussed. President Tarback was assigned the task to determine interest among the candidates (in a prioritized order) and fill the term with the highest prioritized, willing candidate.

Adjournment

Motion by Nadeau, seconded by Johnson, to adjourn. All in favor.

Board of Directors Meeting May 4, 2006 Topsham, Maine

The May meeting of the Board of Directors of the Maine Water Utilities Association was held on Thursday, May 4, 2006 at the Brunswick-Topsham Water District, Topsham, Maine. President Tarback called the meeting to order. Directors present were LaCasse, Kelley, Alexander and Johnson. Also present were Executive Director McNelly, Rebecca Martins and John Storer.

Communications

Kelley's memo concerning SRF funding options, drafted by a subgroup of the MWUA Legislative Committee, was discussed.

The Maine Public Drinking Water Program's request for nomination letter for the DWP's Staff Merit Award was distributed. McNelly will draft a letter in support of the Board of Directors' nomination of Andy Tolman.

Tarback informed the Board of Directors that Bikers Against E-Coli will participate in the American Lung Association's bike trek on June 16-18th. Sponsorships are being sought.

Executive Directors Report

McNelly informed the Board of Directors that he and Jim Cohen had met with Governor Baldacci to discuss viable mechanisms in obtaining the SRF match. As a follow up to this meeting, the DHHS Commissioner will be contacted to request a meeting with MWUA representatives. Board of Directors will contact other organizations to educate them on the need for secured SRF Match funding.

McNelly informed the Board of Directors that Jon Van Bourg is resigning from the Kennebec Water District. Wes Haskell has resigned as Superintendent of the Old Town Water District and will fill the District Engineer opening at Bangor Water District.

Johnson informed the Board of Directors that Phil Boissonneault is retiring from the Portland Water District.

Directors Reports

Alexander shared that upon an inspection by their insurer, the Brunswick-Topsham Water District received notification that their water filters fit the State of Maine's criteria of a "pressure vessel." The current regulations require each pressure vessel to be registered at an annual fee of \$50 a year, with internal inspections every three years at a significant cost to the District. With unanimous support of the board members the State of Maine Board of Boilers and

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Pressure Vessels will be invited to a MWUA meeting to explain the rules and regulations. The Rule Chapters for the Department of Professional and Financial Regulation (which details the pressure vessel rule) can be accessed at: www.maine.gov/sos/cec/rules/02/chaps02.htm.

The Board of Director's unanimously approved the appointment of John Storer to fill the vacancy left by former Board member Greg Reed, for the remainder of the calendar year.

LaCasse provided personnel updates pertaining to the Kennebec Water District employees including that Van Bourg's resignation is effective July 6th and that a GIS/Customer Service Manager had recently been hired.

Storer informed the Board of Directors that Lewiston Water District may be forced toward filtration as a result of some recent failed water quality tests.

Johnson shared that the Portland Water District is planning a Meter Change Out Program in Portland.

Approval of Minutes

On a motion by LaCasse and a second by Johnson the amended minutes of April 13, 2006 were unanimously approved.

Committee Reports

McNelly reminded the Board of Directors that overnight accommodations for the June 8th bimonthly meeting in Island Falls are limited and encourages early registrations.

Program Committee – Written report submitted by Chair, Jefferson Longfellow

The Program Committee met as a group on April 26th at the Bowdoinham Town Office. During that meeting, the April bi-monthly meeting in Rockport was discussed. We were pleased with the attendance (59), location, and enjoyed the speakers.

The remainder of the meeting was spent working on the details for the June meeting in Island Falls. This meeting is to have a technical session discussing SCADA since there has been a demand for such information in that area of the state. Several cabins have been reserved at the Birch Point Campground as well as the use of their dining building for the meeting itself. Jeff will pick up lobsters for Wednesday supper to be available at market price. Beth Pratte will bring up other meats, also at market price, to have available that night for those who do not want lobster. Fishing and Golf will be available on Wednesday.

The planning for the August meeting is underway. Steve Cox has been taking the reins for the Golf Tournament adding more new ideas each time. This year it will be held at Toddy Brook in North Yarmouth. Instead of raffle prizes, he is planning to have a nice pull over windbreaker for each of the participants. Like the hats from 2005, these will be limited to those who attend with few available after.

The clambake will be the same as in past years. The site is reserved; it will be only a matter of the logistics to put this event together.

The 2007 February meeting was a topic of discussion since it is the major work of the committee. We are searching for ideas for the session 'A' that traditionally has been a managerial session. Any ideas would be welcome.

McNelly shared that a subcommittee of two vendors has been designated the responsibility to work with NEWWA to ensure quality training at the 2007 meeting and to avoid conflicts in training schedules.

Public Awareness – Tarbuck

Tarbuck shared that the committee had not met since the last BOD meeting. The next PAC meeting is scheduled for May 11th at 9:00 AM at the Bath Water District. The agenda will include appointing a new chair, planning for the Southern Maine Children's Festival and revisiting the evaluation of the Maine Water News and Journal of the Maine Water Utilities Association publications.

Water Resources Committee - Written report submitted by Chair, Jon Van Bourg

Van Bourg provided a written update on sustainable water use. LD2070 changed the ground rules for withdrawal discussion. Trout Unlimited and Maine Rivers are at the table in ongoing discussions. The new draft was distributed for discussion today. The groundwater process is running more slowly and may be partly overtaken by indirect withdrawals in the sustainable use process.

The DEP is opposed to the use of pesticides in public water supplies, even if they reduce rapidly.

The joint water and sewer issues class, facilitated by Jim Curtlett, was successful. The April 6th Lake Management course also went well. Additional courses are being planned by Wright-Pierce and Jeff McNelly.

The new draft of the Flouride Rules is now available and a public hearing is scheduled for May.

Unfiltered system waivers are being followed.

Project WET: GMC/PWD DWP is facilitating trainings for teachers. Sustainability of the program is a concern. Sponsors are being sought.

The committee is following the DWP reorganization.

The committee's next scheduled meeting is May 25th.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Education and Operations Committee – McNelly

McNelly provided an update on the Wright-Pierce trainings that have taken place to date. Initially there were a couple of classes canceled due to poor enrollment. Recent classes have had adequate attendance. As well, a NEWWA class was canceled due to poor enrollment.

A June office session is being planned for Collections and PUC Chapter 81 regulations. The 3 hour session will take place on June 20th in Presque Isle and June 22nd in New Gloucester.

Limited progress has been made in developing an education program. Much remains to be done. A Special Board of Directors meeting is scheduled for May 24th at 8:00 am in Augusta. The meeting will be a work session to discuss funding mechanisms for the SRF Match and the functionality of the Education and Operations Committee. The chairs of the Legislative Committee and Education & Operations Committee will be invited to attend.

Legislative Report – McNelly

McNelly provided an update on the continued work surrounding the mechanism for the SRF Match and sustainable water use and safe yields. He will attend a meeting on May 11th discussing water use standards.

Old Business

McNelly distributed the April financial report. As forecasted, there is an increase in legislative and legal expenditures. An uncertainty in the 2006 budget is the projected income from educational sessions.

The 2006 February Meeting and Trade Show net income is projected to exceed \$50,000 upon remittance of outstanding invoices.

Delinquent advertisers have been contacted and encouraged to submit payment.

Tarback provided an update on the American Water Works Association's Fly-In.

The goals of the Executive Director and the Board of Directors will be reviewed at a future date.

New Business

John Storer was welcomed by the Board of Directors and will fill the vacancy on the board until the end of the year. The Nominating Committee will evaluate the terms of all directors.

McNelly and Tarback have been invited to attend the Maine Waste Water Control Association's Executive Committee Board meeting on May 19th.

A Special meeting of the Board of Directors is scheduled for May 24th (8:00 am – 12:00 pm) at the office of Verrill Dana, LLC in Augusta.

The next Board meeting is scheduled for June 15th at the Brunswick-Topsham Water District.

Adjournment

On a motion by Storer and a second by Alexander, the meeting was adjourned by unanimous consent.

Special Meeting of the Board of Directors May 24, 2006 Augusta, Maine

A Special Meeting of the Board of Directors of the Maine Water Utilities Association was held on Wednesday, May 24, 2006 at the office of Verrill Dana in Augusta, Maine. Directors present were LaCasse, Kelley, Storer, Johnson and President Tarback. Also present were Executive Director McNelly, Rebecca Martins, Rick Knowlton, David Parent, Dan Wells and Craig Douglas.

Communications

McNelly informed the BOD that MWUA had received a letter from Bill Harwood expressing his interest in analyzing the Tabor Bill and its possible affects on water utilities in Maine.

McNelly provided an update on Water for Maine's petition initiative.

Kelley distributed copies of the "MWUA Board Meeting SRF State Match Funding" synopsis.

Education Effort

Co-chairs Wells and Douglas provided updates on the current membership and activities of the Education & Operations Committee. The 2006-2007 MWUA Work Plan which incorporates anticipated revenue from educational sessions was reviewed. The committee's goals were also reviewed.

Prior to the committee's next scheduled meeting on June 14th, the committee is tasked with developing the following:

- Setting the criteria for the course outline for the Excel computer classes scheduled for the fall of 2006.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

- Developing the Operator Forums for September 2006 and January 2007.
- Developing a training survey for inclusion in the July 2006 Maine Water News.
- Selection of courses from the current Wright-Pierce proposal of five classes.
- Reviewing NEWWA and JETCC classes.
- Providing recommendations of resources and assistance needed to ensure that the committee meets its goals - to the Board of Directors at the MWUA BOD meeting scheduled for June 15th at the Brunswick-Topsham Water District.

Alternatives for Obtaining the Annual 20% DWSRF Match

Following discussion, there was a consensus to develop a contingency plan of alternative methods to obtain the DWSRF Match. Alternatives discussed include: the General Obligation Bond, the General Fund, a citizens initiative, MMBB loan, local match, modified AFM process, applying a surcharge on water customers' bills and utilizing the accrued interest earnings for a short term fix. Also discussed was the option of taking no further action.

Action steps include:

- Waiting for the results of the 122nd Legislature in regard to the Bond (within the next week)
- McNelly to contact Steve Levy to request a meeting with Brenda Harvey, MRWA and MWUA.
- Meetings will be requested with the Public Advocate's office and the Maine Public Utilities Commission.
- Creating a document which outlines the blended options with alternatives for securing the SRF Match.
- Educational outreach including a column in the July issue of the Maine Water News publication and a road show.

Adjournment

By unanimous consent, the Special Meeting of the Board of Directors, was adjourned.

Board of Directors Meeting June 15, 2006 Topsham, Maine

The June meeting of the Board of Directors of the Maine Water Utilities Association was held on Thursday, June 15, 2006 at the Brunswick-Topsham Water District, Topsham, Maine. President Tarbuck called the meeting to order. Directors present were LaCasse, Kelley, Nadeau, Storer, Alexander and Johnson. Also present were Executive Director McNelly, Rebecca Martins, Dave Parent, Jon Van Bourg and Dan Wells.

Executive Directors Report

McNelly provided an update on the Groundwater citizen's petition. The Secretary of State had drafted the language of the petition, but because the sponsor did not have the document "in hand", the group was not allowed at the polling stations to request the necessary signatures in order to get the petition on the 2007 ballot.

McNelly provided an update on the NEWWA facilitated meeting with EPA Region 1. Representatives from New Hampshire, Massachusetts and Maine attended the meeting which focused on: establishing a Water Policy Advisory Committee, conservation and action grants and streamlining processes and regulation. The group will meet again in two months to continue the discussion.

McNelly distributed a letter sent to Robert Marvinney, PhD of the Maine Department of Conservation regarding the proposal for a ground water coordinating council. There was consensus among MWUA members polled that the recommendation of creating a groundwater coordinating council was not necessary, as those polled did not recognize the need for another agency or entity having the responsibility and authority in this area. McNelly will attend their meeting scheduled for June 16th and provide an update.

Directors Reports

It was noted that the Board of Licensure was also holding a meeting at the Brunswick-Topsham Water District during the same time frame as the MWUA BOD meeting.

Kelley shared that she has been researching rate mechanisms in the country and added that NEWWA is beginning to do the same research. Kelley informed the Board of Directors that the new proposed Rules relating to Drinking Water will go to public hearing on June 22nd.

Kelley informed the Board of Directors that there is a new "Koch" membrane pilot plant at Aqua Maine's Rockport plant.

Aligning with Aqua America's flu vaccination planning, Kelley shared that Aqua Maine has not been able to obtain a vaccination priority list from the state to confirm if water utility staff are included as a prioritized population.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Kelley informed the Board of Directors that the New England Conference of Public Utilities Commissioners was held in Rockport.

Tarback informed the Board of Directors that the City of Augusta is developing an emergency preparedness plan for its key employees which includes a supply of eight weeks of food, ensuring that vaccinations are available for staff and installing a well at the civic center.

Nadeau shared that the South Berwick Water District is in the process of filing for its terms and conditions under the mandates of PUC Chapter 6104.

Approval of Minutes

On a motion by Kelley and a second by Storer the minutes of May 4, 2006 were unanimously approved. On a motion by Kelley and a second by Storer the Special Board Meeting minutes of May 24, 2006 were unanimously approved.

Committee Reports

Program Committee – McNelly

McNelly shared that the June bimonthly meeting held in Island Falls was well received. The three hour technical session on SCADA had a positive response. The August clambake and golf tournaments are on target and planning is underway for the October and December bimonthly meetings.

A subcommittee has been formed with the goal of aligning MWUA's and NEWWA's training classes at the February Meeting and Trade Show in order to ensure that classes begin and end at the same time, with the same amount of continuing education credits being issued.

Public Awareness – written reports provided by Coes

Committee members attended the Southern Maine Children's Water Festival at the University of Southern, Maine. This year's booth included a similar question and answer theme with kids throwing sticky frogs at a board of animals. Prizes were awarded.

After two years of attending the Maine Sportsman's Show, the committee has decided to explore other opportunities to reach their target audience.

The committee is considering partnering with NEWWA and having a NEWWA/MWUA booth at the Maine Municipal Association's show.

The committee continues to discuss ways of assisting the Education and Operations Committee and is exploring potential training classes which the PAC would develop and implement. Classes for consideration are web design, Excel and a "Paper to Electrons" session at the February Meeting and Trade Show.

The committee recommends that in regard to the publication of the Maine Water News, the association remains with the current format. The website is being maintained effectively and should remain status quo.

The committee provided a written recommendation with suggestions for publication of the Journal:

- Produce a single document each year that summarizes the previous year's events.
- Include a one page summary of each of the technical programs.
- Digitally record each of the bimonthly sessions to a compressed audio format which will allow for a permanent archive of presentations.
- Include pertinent highlights from the previous year.
- Make the document good looking and functional.
- Continue to sell advertising space.
- Distribute the Journal annually with the mailing of the May bimonthly newsletter to reduce total postage costs.
- Provide an electronic copy of the Journal online for download and reference.

There was consensus that an Associate Members Corner would be appropriate to include in the Journal. Board members are requested to contact McNelly with additional recommendations. Office staff will contact additional printers for quotes for producing the revised Journal format.

Legislative Report – Parent

The committee continues to review alternative funding mechanisms for the SRF Match. Also being followed are the discussions on sustainable water use, safe yields and system design capacity.

Parent shared that the DEP's water use standards rulemaking proposal is scheduled to be posted to the Board of Environmental Protection's website on June 15th. McNelly and Parent will review the June draft of the rule.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

The subcommittee on Sustainable Water Use will meet to review the current draft of the rule and offer recommendations. A meeting will be requested with the DEP by the end of the month. Surface water suppliers will be contacted and encouraged to attend the August 3rd meeting.

Education and Operations Committee – Wells

The committee met on June 14th and reviewed NEWWA and Wright-Pierce courses and prioritized the classes deemed eligible for reimbursement under the new Drinking Water Program criteria. McNelly is waiting for the receipt of a letter from the Drinking Water Program which should explain the updated process. McNelly is exploring alternative funding mechanisms for training.

Excel training continues to be discussed. Operator Forums are being planned for September 2006 and January 2007.

Johnson shared that ABC had adopted a certification which is applicable for public health trainings. Wells shared that there is a management certificate program requiring forty hours of training.

Water Resources Committee – Jon Van Bourg

Van Bourg provided updates to the committee structure. Kathy Moriarty has been appointed as the new co-chair and Naleen Mayberry is serving as the new vice-chair. Phil Boissonneault will remain serving on the committee after his retirement from the Portland Water District.

The committee continues discussion on identifying the needs and issues for the industry in order to plan effective and timely training sessions for the association's members. Also under discussion are the unfiltered systems in Maine.

Van Bourg informed the Board of Directors that the public hearing on the proposed fluoride rule is on June 20th and informed the Board that the Project Wet program in Maine is being launched.

The committee continues to follow the groundwater discussion.

Board members thanked Van Bourg for his years of service and wished him success.

Old Business

McNelly distributed the May financial report. There is an increase in legislative and legal expenditures. Discussed was the option of asking water districts to make a financial contribution to help offset the legal expenditure spent by the association on the issues of the SRF Match and water use standards rulemaking.

An increase in 2007 membership dues was discussed.

An update on the three year financial plan will be provided at a later date.

A list of past due Associate and Corporate accounts was distributed to the Board of Directors. Also distributed was a membership list. Board members have been tasked with signing up new members.

2006 goals of the Executive Director and Board of Directors will be discussed through email correspondence.

New Business

Storer distributed detailed comments on the potential impacts water utilities in Maine could face if LD 2075 (Maine's TABOR initiative) was enacted. Maine's initiative is very different from the Colorado initiative. Geoff Herman has expressed an interest in presenting his analysis before the association's membership. Parent will share the provided comments with the MWUA Legislative & Regulatory Affairs Committee. After review, the committee will make a recommendation to the Board of Directors.

PUC Chapter 140 was discussed. Of specific concern is the necessity of submitting data to the PUC and questionable is the security of the data which is submitted.

The next Board meeting is scheduled for Wednesday, August 2nd at 9:00 am at the Brunswick-Topsham Water District. The September Board meeting will be on September 7th at 10:00am at the Brunswick-Topsham Water District.

Other Business

McNelly informed the Board of Directors that the Nominating Committee will soon be starting the process of selecting Director Candidates for 2007.

Adjournment

On a motion by Alexander and a second by Storer, the meeting was adjourned by unanimous consent.

**Board of Directors Meeting
August 2, 2006
Topsham, Maine**

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

The August meeting of the Board of Directors of the Maine Water Utilities Association was held on Wednesday, August 2, 2006 at the Brunswick-Topsham Water District, Topsham, Maine. President Tarbuck called the meeting to order. Directors present were Kelley, Storer, Alexander and Johnson. Also present were Executive Director McNelly, Rebecca Martins, Dave Parent and Norm Labbe.

Communications

Directors were encouraged to attend the Board of Environmental Protection's hearing on the DEP's water use standards rulemaking on August 3, 2006.

A card from Shirley Churchill thanking the association for her retirement gift was distributed for the BOD review.

McNelly informed the Board of Directors that he was in receipt of a letter from the Sportsman's Alliance of Maine acknowledging a \$45,000 deficit in revenue; resulting from poor raffle ticket sales.

McNelly acknowledged receipt of a letter from Bill Bridgeo, Augusta City Manager, informing MWUA of available rental space at the former YMCA building on State and Winthrop Streets in Augusta.

McNelly informed the Board of Directors of an offer from the Portland Pirates for a group night discount package. McNelly received an advertising solicitation from New England Water Works Association for their commemorative September 2006 issue of the Journal of New England Water Works Association. McNelly will place an ad.

The Board of Directors is tasked with ensuring that clambake guests are greeted upon arrival. Dillingham, Kelley, John Storer and Paul Hunt will greet guests.

The Board of Directors was informed of two job openings at the Kennebec Water District: water treatment plant operator and water quality supervisor.

Executive Directors Report

McNelly shared with the Board of Directors the association's strategic efforts that have been made in preparing for the Instream Flow and Water Level Standards Rule Board of Environmental Protection hearing scheduled for August 3rd.

Directors Reports

Kelley informed the Board of Directors that the Drinking Water Commission had released its annual report. If a Director would like a complimentary copy, Kelley can arrange that. As well, Kelley informed Directors that Aqua Maine's rate cases have been approved; after seven different proceedings.

Directors shared the expense and effort associated with various utilities throughout the state in filing rate cases.

Johnson informed the Board of Directors that Donna Katsiaticas has been hired as the PWD Corporation Counsel.

Approval of Minutes

The amended minutes of June 15, 2006 were unanimously approved.

Committee Reports

Legislative Report – Parent

The Committee has contacted utilities and is encouraging the association's membership to attend the Board of Environmental Protection's public hearing on the proposed Instream Flow and Water Level Standards Rule, Chapter 587 on August 3rd at the Holiday Inn in Augusta. A message of suspending the process as it relates to water utilities and involving the Public Utilities Commission to identify the impacts for water utilities will be emphasized.

It was reaffirmed that the association's legislative expenditure for legal and lobbying fees is substantial with approximately \$40,000 being spent fiscal year to date.

Education and Operations Committee – written report submitted by Douglas

The Education and Operations committee is proceeding with two operator forums: Meter Change outs on Sept 27, 2006 in Ellsworth and Sept 28, 2006 Gardiner and Main Breaks on January 10, 2007 in Bangor and January 11, 2007 in Portland.

We are happy to announce the addition of two new members Eric Gagnon BTWD and Mike O'Brien from Kennebec Water District. Thanks to Bill and Jeff for the new recruits.

The office session was very well received. Attendance was strong and the comments on the presenters were very positive.

Our next meeting is Aug 16. We are planning on finalizing the forums, discuss an idea on a technical session discussing the +/-s of HDPE vs Ductile Iron (which the program committee may do), digesting the results of the survey that went into the last newsletter and looking forward towards our next trainings based on the work plan.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Program Committee – written report submitted by Longfellow:

The Program Committee met as a group on June 26 at the Drinking Water Program's Offices in Augusta and on July 19 at the F.R. Mahoney offices in East Winthrop.

A majority of the meetings was spent organizing the February 2007 meeting in Portland. Session 'A' is a technology based seminar on available technologies that can help the business enterprise. Session 'D' is a main locating class by Metrotech and Utilitronics.

The June Program in Island Falls went well in Island Falls with good feedback from the SCADA training.

The August Clambake and Golf tournament are ready. The golf has 96 registered, up from 2005's 87. The clambake has had 103 registrations at the lower price. If you have not registered, please do so, the final count needs to be in the 7th. I will be sending out a request to the Public Awareness Committee to help during the clambake, if they are attending. The Program Committee has many of its members unavailable to help out because of vacations and work limitations.

The October program planning is nearly completed its main topic will be the pending TABOR vote, and its effect on water utilities.

Sadly, I have the report on Bruce Goucher's resignation from the Program Committee. Bruce has given the insight to the operations personnel's needs. His insight will be missed. The program committee is always open for new members. If there is anyone interested in joining, our next meeting is on September 13, 10:00 a.m. at Woodard and Curran's Portland office.

Public Awareness – Tarbuck

Tarbuck reported that the committee has not had a meeting since the last Board of Directors meeting. The committee will be evaluating its participation at tradeshow.

Old Business

McNelly distributed the July financial report and year to date budget numbers. To offset an increase in legislative, legal and travel expenditures, and a deficit in income generated from educational training, there will be a 10% - 12% increase in 2007 membership dues. A list of past due Associate and Corporate accounts was distributed to the Board of Directors. 2006 goals of the Executive Director and Board of Directors were distributed.

New Business

Norm Labbe, Kennebunk, Kennebunkport & Wells Water District, shared that a developer has protested against being assessed individual meter impact fees for a substantial seasonal home development and has filed a complaint with the PUC. Mr. Labbe asked the MWUA to consider becoming an intervener in the process. McNelly will contact Pat Scully, KKW's attorney, to inquire about what is required as an intervener. Noted was an emphasis for districts to analyze their individual metering policies and the feasibility of system development charges.

The next Board meeting will be on September 7th at 10:00am at the Augusta Water & Sanitary Water District Treatment Plant.

Other Business

On a motion by Tarbuck and a second by Storer, Gordon Johnson was elected as the 2nd Vice President of the MWUA Board of Directors.

Adjournment

The meeting was adjourned by unanimous consent.

Board of Directors Meeting September 7, 2006 Augusta, Maine

The September meeting of the Board of Directors of the Maine Water Utilities Association was held on Thursday, September 7, 2006 at the Augusta Water & Sanitary District's Wastewater Treatment Plant in Augusta, Maine. President Tarbuck called the meeting to order. Directors present were Kelley, Storer, Alexander, Nadeau and Johnson. Also present were Executive Director McNelly, Rebecca Martins and Bruce Berger.

Communications

McNelly informed the Board of Directors that he was in receipt of a letter acknowledging that McFarland Laboratories has closed its operations in response to losing its state certification for water analysis.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

McNelly has been corresponding with the Drinking Water Program staff seeking clarification on the intended use plan. The draft of the revised plan should be ready on November 1, 2006. The DWP continues to analyze how quality educational training throughout the state should be delivered.

“State Agencies Disagree on Water Consumption Rules” by Victoria Wallack was distributed to the Board of Directors. Also distributed for the Board’s review was a current list of the Maine Public Drinking Water Commission membership with term expirations. There was discussion of supporting the amendment of their statute to promote greater communication with the Health and Human Services Committee.

McNelly acknowledged receipt of Jane Downing’s (Chief of the Drinking Water Branch of the EPA) letter to Brenda Harvey, the Commissioner of DHHS. Ms. Downing encourages DHHS to advocate securing the match for the federal DWSRF grant through an institutional line item in Maine’s general fund.

Tarbuck informed the Board of Directors of the recent Sportsman Alliance of Maine editorial, “Can We Regulate the Water that Belongs to the Rest of Us?”

Kelley informed the Board of Directors that she will be meeting with Dr. Mills at the end of September. Kelley will also be attending the National Association of Regulatory Commission’s annual meeting in Portland.

Kelley reported that the Utility Finance Office stakeholders group continues working with the Public Utilities Commission and the Public Advocate on mechanisms for rate approvals. MWUA membership is encouraged to send their financial staff to the UFO meetings to participate in the discussion.

Executive Directors Report

McNelly shared that the Board of Environmental Protection’s work session on the DEP’s water use standards rulemaking will be on October 5, 2006. MWUA membership will be encouraged to attend and asked to submit guest editorials to newspapers prior to the hearing. The PAC will be asked to help draft the talking points which will include: lost investments, fiscal impacts, uncertainty of the proposed Rule and potential implications of the Clean Water Act.

McNelly reported that Maine Water Utilities Association and Maine Rural Water Association had filed as interveners in a complaint filed with the PUC by a developer objecting to the assessed individual meter impact fees by Kennebunk, Kennebunkport & Wells Water District.

Directors Report

Johnson provided an update on the lawsuit filed by the Town of Standish against the Portland Water District. The district won.

Approval of Minutes

The minutes of August 2, 2006 were tabled for further action.

Committee Reports

Education and Operations Committee – McNelly

The Education and Operations Committee’s Operator Forum is being held on Sept 27, 2006 in Ellsworth, Sept 28, 2006 in Gardiner and November 16, 2006 in Caribou. The committee continues to plan for the January 2007 Operator Forum.

The committee may participate in the 2007 February Meeting and Trade Show.
Excel classes have been finalized for October and November.

Program Committee – McNelly

The committee is planning for the 2007 February Meeting and Trade Show. Session “A” will focus on Asset Management and Session “D” will focus on pipe location methodology. Monday afternoon sessions and Tuesday’s technical modules are being planned.

The October bimonthly meeting’s technical session will be TABOR and LD1 and the possible affects on water utilities. There will also be an update on the In-Stream Flow Rule. A topic for the December bimonthly meeting is being selected.

The next scheduled committee meeting is on September 13, 10:00 a.m. at Woodard and Curran’s Portland office.

Legislative Report – McNelly

The Committee is encouraging the association’s membership to attend the Board of Environmental Protection’s public hearing on the proposed Instream Flow and Water Level Standards Rule, Chapter 587 on October 5, 2006.

The Board discussed the committee’s recommendation to submit legislation to revise Title 38, Section 470 – H to incorporate the language from LD 2070 which specifies that the DEP is to balance water supply and aquatic needs.

The association will retain Verrill Dana, LLP for the 123rd legislative session. McNelly will contact Verrill Dana, LLP relative to the nature and extent of their activities.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

On a motion by Kelley and a second by Nadeau, the Board of Directors unanimously voted to oppose the component of Tabor that relates to water utilities because water utilities are already subject to financial oversight by the Public Utilities Commission.

Public Awareness – Tarbuck

Tarbuck reported that the committee has not had a meeting since the last Board of Directors meeting. The next PAC meeting is scheduled for September 14th. PAC is coordinating a joint booth with NEWWA at the Maine Municipal Association show on October 4-5, 2006.

Old Business

McNelly distributed a draft of the August financial report and year to date budget numbers. There was discussion regarding outstanding dues and the need for strategy to recruit new membership. 2006 goals of the Executive Director and Board of Directors were discussed. Kelley volunteered to draft the 2007 goals for the Board of Directors and Executive Director. Committee chairs will be asked to attend the November Board meeting. They will be asked to submit committee goals for 2007, along with their monthly committee reports.

New Business

Bruce Berger, New England Water Works Association's Maine State Director, presented to the MWUA Board of Directors NEWWA's proposal to institute state subchapters of NEWWA. The Board of Directors has requested further explanation of what the components of a subchapter are. NEWWA representatives will be invited to attend a MWUA BOD meeting.

The Board of Directors recommended the nomination of Phil Boissonneault for NEWWA's Water Works State Leadership Award.

With unanimous consent, the Board of Directors approved a 12% increase in 2007 membership dues.

The Nominating Committee submitted their 2006 committee report. Their nominees for 2007 Board of Directors are: Jeff LaCasse of the Kennebec Water District, John Storer of the Auburn Water District and Dan Wells of the Winthrop Utilities District.

Storer and Johnson will recruit MWUA Annual Award nominees from the MWUA membership and submit those nominees the Board of Directors.

Other Business

The Board meeting schedule for the balance of the calendar year is:

Friday, October 6th, 9:00 AM at the Augusta Water & Sanitary Water District Treatment Plant

Friday, November 3rd, 9:00 AM at the Auburn Water District

Thursday, December 7th, 9:00 AM at the Brunswick-Topsham Water District

Adjournment

The meeting was adjourned by unanimous consent.

Board of Directors Meeting

October 6, 2006

Augusta, Maine

The October meeting of the Board of Directors of the Maine Water Utilities Association was held on Friday, October 6, 2006 at the Augusta Water & Sanitary District's Wastewater Treatment Plant in Augusta, Maine. President Tarbuck called the meeting to order. Directors present were Storer, LaCasse, Nadeau and Johnson. Also present were Executive Director McNelly, Martins and Dave Parent.

Scheduled Retreat

A retreat has been scheduled for MWUA Board of Directors and Committee Chairs on November 3, 2006; directly following the Board of Directors meeting and beginning at noon time. 2007 goals and objectives, as well as establishing 2007 officers of the Board of Directors will be the focus of the retreat. The retreat will be held at Jeff's Camp: 43 Barton Road, Jefferson.

Schedule next Board meetings:

Friday, November 3, 2006, 9:00 AM at Jeff's Camp: 43 Barton Road, Jefferson

Thursday, December 7, 2006, 10:00 AM at the Brunswick-Topsham Water District

Thursday, January 4, 2007, 10:00 AM at the Brunswick-Topsham Water District

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Financial Review:

The September financial report was distributed.

The 2006 fiscal year budget was reviewed. The fiscal year began with \$117,567.63 and ended on September 30, 2006 with \$70,396.95.

The 2007 budget will be presented on October 12, 2006 at the association's bimonthly meeting in Bingham.

Executive Directors Report

McNelly reported that he had met with each of the Board of Directors to review the association's 2007 goals and objectives.

McNelly provided an update on the New England Water Works Association's annual conference held in Danvers, Massachusetts.

Approval of Minutes

On a motion by Nadeau and a second by Storer the minutes of September 7, 2006 were unanimously approved.

On a motion by Johnson and a second by Storer, the Board of Directors unanimously approved submitting legislation to revise Title 38, Section 470 – H to incorporate the language from LD 2070 which specifies that the DEP is to balance water supply and aquatic needs as follows:

470-H. Water use standards; rules

The board shall adopt rules that establish water use standards for maintaining in-stream flows and GPA lake or pond water levels that are protective of aquatic life and other uses and that establish criteria for designating watersheds most at risk from cumulative water use. Standards adopted under this section must be based on the natural variation of flows and water levels, allowing variances if use will still be protective of water quality within that classification. Rules adopted under this section are major substantive rules as defined in Title 5, chapter 375, subchapter 2-A. The Department shall incorporate into its standards a mechanism to reconcile, to the extent feasible, the objectives of protecting aquatic life and other uses as provided for in this Section, and the objective of allowing community public water systems to use their existing water supplies to provide service.

Old Business

McNelly provided an update on The Board of Environmental Protection's work session on the DEP's water use standards rulemaking, held on October 5, 2006 in Augusta.

Board of Directors are encouraged to invite potential Associate and Corporate members to MWUA meetings, as well as operators and system trustees. Office staff will request current contact information for operators and trustees from the Public Utilities Commission and Drinking Water Program and relay that information to the Board of Directors.

A Self-Review and McNelly's Review were distributed by email to the Board of Directors. President Tarbuck is requesting returns be submitted prior to the scheduled November 3, 2006 BOD meeting.

McNelly shared New England Water Works Association's governing structure with Board of Directors.

Committee Updates

Education and Operations Committee – McNelly

The Education and Operations Committee held two Operator Forums: Sept 27, 2006 in Ellsworth, and Sept 28, 2006 in Gardiner. An additional forum is scheduled for November 16, 2006 in Caribou. The committee is finalizing plans for the January 2007 Operator Forum.

The Excel training for October and November sessions has been finalized. Due to low registration, the October 24 and 25th classes in Presque Isle have been cancelled.

A training calendar was distributed to the Board of Directors.

McNelly reported that he had received a Memorandum of Understanding from the Drinking Water Program. McNelly, John Leach and Tarbuck will request a meeting with Terry Trott to review the MOU.

Legislative Report – Parent

Parent provided an update on the Board of Environmental Protection's work session on Instream Flow and Water Level Standards Rule, Chapter 587. In regard to the proposed rule, McNelly and Parent are drafting talking points which can be distributed to the Legislature. The 2 page document will emphasize industry concerns of lost investments, fiscal impacts, the uncertainty of the proposed Rule as written and potential implications of the Clean Water Act.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Judy Kelley met with Nancy Beardsley and Dr. Dora Mills regarding the State Revolving Fund Match. McNelly will request that DHHS schedule a meeting with Governor Baldacci and the Legislative Leadership to again reiterate the value of securing the SRF match funding for 2007, and the need for funding to maintain the capitalization funding for 2007 construction plans.

On a motion by Storer and a second by Nadeau the Board of Directors unanimously approved a motion to continue talking with the Maine Wastewater Association in their support of a stand alone three year Bond for drinking water and waste water funding. The association continues to explore alternative funding mechanisms for obtaining the SRF match.

On a motion by Storer and a second by LaCasse, the Board of Directors unanimously approved a motion to authorize the MWUA Legislative & Regulatory Affairs Committee to get a bill title in that would require the Drinking Water Commission to submit their annual report and work plan on primacy to the Department of Health and Human Services.

McNelly will be contacting Verrill Dana, LLP to retain their services for the 123rd legislative session; albeit a much trimmed down approach from the 2006 legislative session.

The committee continues to follow Resolve 209 -Source Protection Rule and the Water for Maine initiative.

Program Committee –McNelly

Plans for the October 2006 bimonthly meeting are being finalized, as are the December 2006 bimonthly meeting plans. The committee continues planning for the 2007 February Meeting and Trade Show.

The next scheduled committee meeting is on October 31, 2006 at the Public Utilities Commission in Augusta.

Water Resources - McNelly

McNelly informed the Board of Directors that Kathy Moriarty has been promoted to the General Manager of the Bangor Water District. Moriarty will be relinquishing her title of Chairperson and has recommended a candidate to replace her.

The committee is developing training topics for 2007.

The committee is following the progress of the groundwater council and fluoridation rule training.

Public Awareness – Tarbuck

Tarbuck reviewed the committee's recommendation to change the format and frequency of the Journal of the Maine Water Utilities Association to be representative of an annual report.

Tarbuck provided an update on the joint MWUA/NEWWA booth at the Maine Municipal Association show held on October 4-5, 2006. For 2007, the committee will request that MWUA & NEWWA participate in a technical session in addition to being an exhibitor.

As a result of poor staffing coverage for the planned PAC booth at the Northern Maine Children's Festival, the association will not be participating at the festival.

The committee is planning a technical session for the 2007 Trade Show.

Adjournment

The meeting was adjourned by unanimous consent.

Board of Directors Meeting November 3, 2006 Jefferson, Maine

The November meeting of the Board of Directors of the Maine Water Utilities Association was held on Friday, November 3, 2006 at 43 Barton Road in Jefferson, Maine. President Tarbuck called the meeting to order. Directors present were Kelley, Johnson, Nadeau, LaCasse, Storer and Alexander. Also present were Executive Director McNelly, Martins and Dan Wells.

Financial Review:

The October 2006 profit and loss statement was distributed to the Directors.

There was a financial review of the year to date budget. Membership dues are being remitted early for 2007. Advertising revenue from the trade show brochure has increased and exhibitors are submitting their 2007 trade show applications.

Lobbying and legislative expenses will be monitored closely.

Health care insurance expenditure will be reviewed.

Executive Directors Report

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

McNelly shared that he had attended the Maine Waste Water Control Association's conference held in Presque Isle.

Communication

There was discussion in regard to the Board of Directors' self appraisal. The Directors were polled on their assessment of performance in the following categories: general duties, board operations, individual Board member responsibilities and general committee responsibilities. The summary which was provided by President Tarbuck concluded that over all, performance averaged at 3.6 out of 5; which is in sync with the trend over the last couple of years.

Board of Directors Strategic Planning

Kelley distributed a self analysis of the association's 2007 goals and the missions to meet them. The analysis was reviewed in detail for broader discussion.

The guiding principal of the association in 2007 will be building relationships to further the mission and vision of the Maine Water Utilities Association.

There was consensus that Board of Directors needs to be actively engaging utilities who are not members of the association, as well as outside organizations, to participate in MWUA activities. Directors also need to engage members who are not currently attending training sessions or participating on committees.

The Directors will serve as liaisons to MWUA Committees in 2007.

Goals

- A list of water utilities who are not MWUA members will be distributed to the Board of Directors. The Directors will review the list. Once the list is reviewed, Directors will be tasked with contacting these systems and inviting them to 2007 MWUA meetings as a means of outreach.
- The Board of Directors will ensure that there is an evaluation of the proposed Mutual Aid project. The MWUA Technology subcommittee will review the proposed project and report back to the Board of Directors with their recommendation
- Develop statistical data of all Maine water utilities and disseminate that data.

Action Steps

- The Public Awareness Committee is tasked with developing a fact sheet of water utility statistics derived from the Public Utilities Report. The Water Resources Committee will be engaged to review the data before publication. The fact sheet will be available for review on the MWUA website and readily available to members for dissemination.
- The Board of Directors will delegate responsibilities to committees in 2007, and act as liaisons to the committees.
- The Board of Directors will elect officers at the December Directors meeting, as well as completing the Executive Director's evaluation.
- The Board of Directors will continue to revisit the strategic plan.

Approval of Minutes

With unanimous consent, the minutes of October 6, 2006 were approved.

Adjournment

The meeting was adjourned by unanimous consent.

Maine Water Utilities Association Planning Retreat November 3, 2006 Jefferson, Maine

MWUA Committee chairs were invited to a strategic planning retreat with members of the Board of Directors of the Maine Water Utilities Association. The retreat was held on Friday, November 3, 2006 at 43 Barton Road in Jefferson, Maine. President Tarbuck called the meeting to order. Directors present were Kelley, Johnson, Nadeau, LaCasse, Storer and Alexander. Also in attendance were Executive Director McNelly, Martins, Dan Wells (Co-Chair of the Education & Operations Committee), Craig Douglas (Co-Chair of the Education & Operations Committee), Naleen Mayberry (Water Resources Committee) and Paul Hunt (Water Resources Committee).

The 2005 Board of Directors and Executive Director's goals were distributed for review. Committees provided updates to their activities.

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

Program Committee:

Jefferson Longfellow was absent from the meeting and had previously provided an update to McNelly. The committee continues to plan for bimonthly meetings, the February Trade Show and the August Clambake and Golf Tournament. Their goals for 2007 will be implementing the referenced events in 2007.

Legislative & Regulatory Affairs:

David Parent was absent from the meeting and had previously provided an update to McNelly. The committee continues to follow the development of water use standards, Resolve 140, sustainable water use, the unavailability of funds from the Drinking Water Program's State Revolving Fund, the activities of the Groundwater Task Force, the activities of H2O for Maine and the citizen initiative supporting tax reform.

Committee goals for 2007 will be to continue monitoring the referenced activities.

The Committee will advocate amending the language in LD 2070 into DEP Statute (Title 38).

The Committee will advocate that the Drinking Water Commission submit their annual reports to the Health and Human Services Committee of the Maine State Legislature.

Education Committee:

Dan Wells and Craig Douglas were present. The Co-Chairs informed the BOD that they have recruited new members to the committee and the committee is functional. Updates on 2007 training sessions were provided.

The Committee will request that another meeting be scheduled with the Drinking Water Program to seek further clarification on DWP's Memorandum of Understanding for training sessions in 2007.

The Board of Directors suggested future trainings to target water utility trustees, managerial and office staff. Also suggested for a potential topic is an Incident Command session.

With the lack of SRF funding, it may be necessary to diversify funding sources. The Committee will establish a subcommittee to evaluate additional funding sources and the Governor's Training Initiative.

Water Resources Committee:

Paul Hunt informed the Board of Directors that he had accepted the Committee's invitation to serve as the Committee's Chair. The Committee will vote on his nomination at their next committee meeting.

Clarification was sought as to the Committee's role in planning educational sessions. Committee members have expressed interest in developing topics for trainings, without having the logistical responsibilities of implementing the sessions. The process will be that should the Committee require assistance; the committee will present to McNelly the idea for the proposed training session. McNelly will provide those ideas to the Education and Operations Committee for consideration and implementation.

2007 goals for the committee including following the Ground Water Rule, authoring white papers on timely and pertinent issues, following evolving issues and continuing to influence proposed legislation.

The Committee is asked to collaborate with the Public Awareness Committee in creating statistical data on the history of water regulation in Maine.

The Committee is asked to analyze Resolve 140 and provide a recommendation to the Board of Directors.

Public Awareness Committee

Tarback provided an update on the Committees activities in 2006. The Committee's historical goal has been representing the association at trade shows, with a limited budget supporting that effort.

In 2006, the committee reviewed the association's publications. Its recommendations are that the Maine Water News will continue in its current format and the Journal of the Maine Water Utilities Association will be revised in 2007 to be reflective of an annual report published once a year.

Committee goals for 2007 include participating at the Maine Municipal Show on the caveat that the association be involved in a technical session, promoting Drinking Water Week, outreach to the Maine State Legislature through a Legislative luncheon or breakfast and compiling statistical data on the history of water utilities in Maine.

Adjournment

The meeting was adjourned by unanimous consent

MAINE WATER UTILITIES ASSOCIATION, OCTOBER 2006

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The Journal will be published following adjournment of the Maine Legislature. Advertising copy deadline for 2007 is May 1.

Important Notice

Commencing in 2007 the Journal of the Maine Water Utilities Association will be published annually. The Journal will still serve as the historical record of the association and will include summaries of the bimonthly meetings, pertinent highlights from the previous year such as industry award recipients, significant managerial changes and tributes to members who have passed on, a report of the previous legislative session and other articles. Technical articles and other subjects of lasting interest are solicited to be considered for publication.

The 2007 advertising rates have been adjusted accordingly, taking into account the fact that there will be one issue and that there are certain fixed costs that factor into the cost of creating the publication.

A new section will be an Associate Members' Corner. This will include company profiles and corporate news such as promotions, retirements or company growth. Associate Members are encouraged to submit copy highlighting new products or services, or other appropriate materials.

2007 MWUA MEETING DATES

| | |
|---------------------------|---|
| February 5-6, 2007 | 81st Annual Meeting & Trade Show – Portland |
| April 12, 2007 | Conference #490 - Wiscasset |
| June 14, 2007 | Conference #491 - Bethel |
| August 8, 2007 | 22nd Annual Clambake Golf Scramble |
| August 9, 2007 | Clambake – Thomas Point Beach, Brunswick |
| October 11, 2007 | Conference #493 - Ellsworth |
| December 13, 2007 | Conference #494 - Yarmouth |

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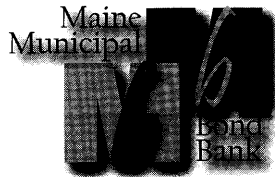
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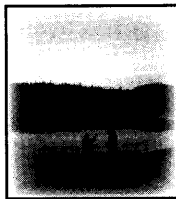
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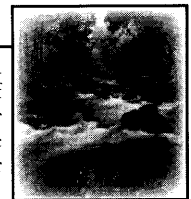


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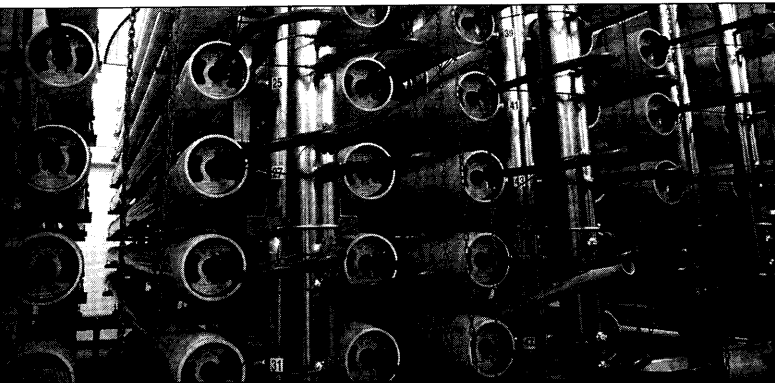
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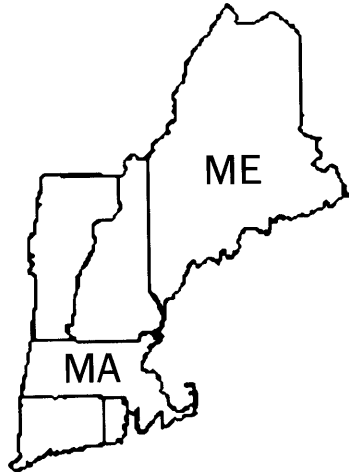
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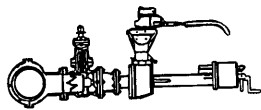
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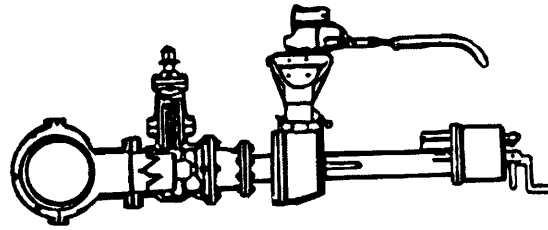
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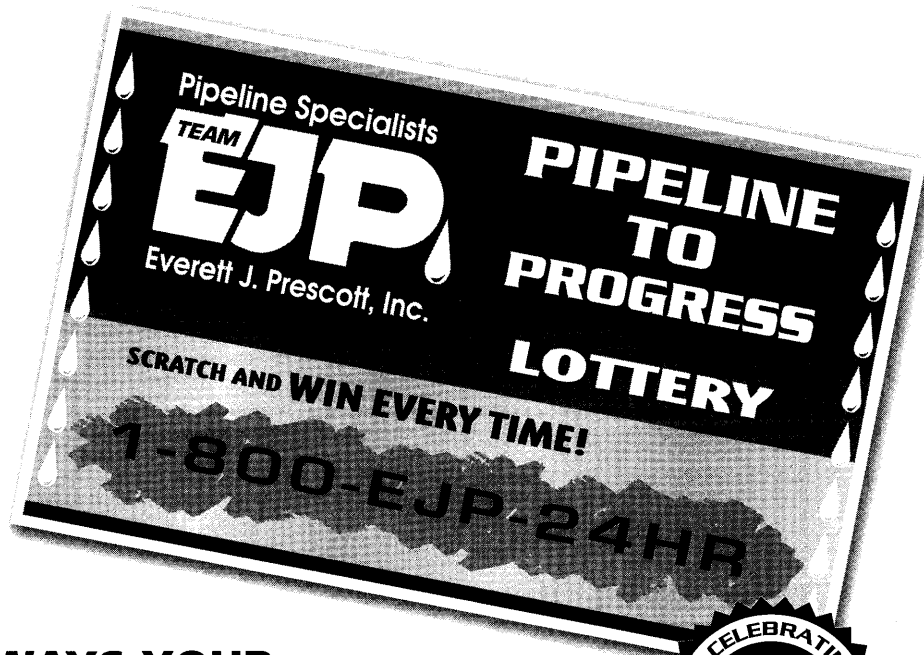
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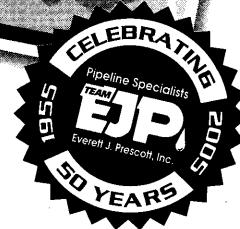
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