

NEWPCA

SIXTIETH

• D A M O N D •

ANNIVERSARY



1929 - 1989

NEWPCA

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ANNIVERSARY

1929 - 1989



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INTRODUCTION

The intent of this 60th Anniversary Book is to present some glimpses of how we started, where we have been, what we have done, and where we are going. It does not presume to be a detailed chronology of events or an in-depth accounting of issues that occurred over 60 years; rather, it is a representative collection of facts, memories, and materials from each decade.

ACKNOWLEDGEMENTS

Many individuals contributed to the development of the 60th Anniversary Book, but special recognition should go to:

- Camp Dresser & McKee: my bosses for allowing me the opportunity to work on the Book, and my staff for their help and support;
- Al Peloquin for his help as editor, writer, materials-gatherer and cheerleader;
- Past Presidents Walter Shea, Joe Hanlon, Earl Howard, Frank Mahony, Charles Knapp, Hamdy Bechir, David Blake and Al Goulart for sharing thoughts, materials and photographs;
- Dennis Keschl, Bob Norwood and Glenn Haas for their contributions;
- Lori Lynn Hoffer for her endless optimism and terrific graphics; and especially
- Ed Nazaretian, for volunteering me for this undertaking, and then for giving me limitless ideas, enthusiasm and moral support.

Linda L. Carroll
Chairman



DEDICATION

The 60th Anniversary Book is dedicated to Al Peloquin, Executive Director, Federation Director, Past President, Keeper of the Sludge Bed, mentor and friend.



TABLE OF CONTENTS

II	Officers/Book Committee	41	1969 - 1979
III	List of Sponsors	49	1979 - 1989
IV	Introduction	65	The Association and Operators
	Acknowledgements	73	New England and the Federation
	Dedication	79	Association Future
V	Table of Contents	81	Meeting Sites
1	Forward	83	NEWPCA Presidents
2	NEWPCA President's Message	84	Federation Presidents
3	WPCF Message		Secretary-Treasurers
4	Governor Messages		Executive Secretaries/Directors
11	1929 - 1939	85	WPCF Honors and Awards
19	1939 - 1949	92	NEWPCA Honors and Awards
27	1949 - 1959	97	EPA Awards
35	1959 - 1969		



FOREWORD

"The object of this Association shall be the advancement of the knowledge of design, construction, operation, and management of sewage works and the encouragement of a friendly exchange of information and experience."

These words comprise Article II of the Constitution of the New England Sewage Works Association, formalized on April 23, 1929. There is no question that, 60 years later, these words still reflect our goals. But, as NEWPCA celebrates its 60th Anniversary, it is a time to ponder what we as individuals have gained from and contributed to our Association.

What does NEWPCA mean to each of us? What do we get from it? What should we give back?

NEWPCA offers technical, professional and social benefits to each member — but these benefits are contingent upon taking advantage of them. In turn, these benefits exist because members contribute to "the friendly exchange of information and experience." Without the involvement and contribution of each member, the Association can do nothing.

The success of NEWPCA lies in the continuity of dedication that began with the group of eight founders, and the 40 men who signed on as Charter Members in 1929.

Over the years, NEWPCA has grown in numbers and in stature, facts that no doubt would please the founding members. However, they would warn us that we get back what we put in. Their message to all of us 60 years later would be to get involved personally - whether by attending meetings and encouraging others to do so, by presenting a technical paper or serving as a session moderator, by being an exhibitor or a sponsor, by working on a committee, or by serving as a chairman, director or officer.

As then-Secretary Walter E. Merrill (Secretary 1946-1952; President, 1955) told the membership in an April 21, 1948 letter, "He who sits at home reading his Sewage Works Journal improves his own mind but he does damned little for the betterment of his Association."

Each of us as individuals makes NEWPCA successful as a whole. This is what we should remember as we join with our friends and colleagues in celebrating NEWPCA's 60th Anniversary.

NEWPCA PRESIDENT MESSAGE

A review of NEWPCA's accomplishments over the years reveals a history of continuing success under a strong, capable leadership. We have made tremendous strides forward during the past decade alone, building on a solid foundation of previous decades' accomplishments. We also have extended our influence over policy decisions surrounding the complex technical and societal issues facing our profession, from the local and regional levels to the national level. Our organization has grown to become the second largest Member Association in the Water Pollution Control Federation, with more than 2,100 members. In addition, we host what is recognized as one of the best annual technical conferences and exhibitions on water pollution control in the country. As a result of these many successes, NEWPCA has established a solid reputation as a highly credible organization, responsive to the needs of its members and the general public.

In this our 60th year of service to the water pollution control profession, I foresee a future filled with challenges and opportunities. We face increasingly complex water pollution control issues, such as groundwater protection and toxic discharge abatement, and a decreasing number of acceptable wastewater sludge



Dennis L. Keschl

disposal alternatives. This occurs during a period of declining federal support for environmental concerns and increasing governmental regulations.

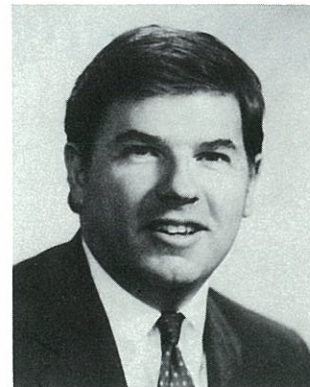
I am confident, however, that NEWPCA will be able to meet these challenges. As in the past, our continued success lies in the capable hands of our hard-working and enthusiastic members - people who time and again have accepted such challenges and aggressively forged a path to the future. Our ability to attract such high-quality professionals with positive, "can-do" attitudes is a sign of NEWPCA's excellence. Together we have the opportunity to significantly impact the quality of the water - and life - in New England and throughout the country.

Dennis L. Keschl
President, 1988-1989

WPCF MESSAGE



Quincalee Brown



Jim Abbott

I am delighted and privileged to honor the members of the New England Water Pollution Control Association on the occasion of its 60th Anniversary. Your founding members, including Gordon M. Fair, Julius Bugbee, E. Sherman Chase, and F. W. Gilcreas, were among America's pioneers in the field of sanitary engineering. Under their leadership, they created the New England Sewage Works Association as an integral part of the Federation. Succeeding members up to today have carried on that tradition of leadership and excellence in the vital field of water pollution control and water quality management. WPCF owes a debt of gratitude to NEWPCA for its outstanding contributions. On behalf of the entire Federation, I salute you.

Quincalee Brown
Executive Director, WPCF

Ever since a group of Boston sanitary engineers organized the New England Sewage Works Association in 1929, New England members have been a mighty pillar in the structure of the Water Pollution Control Federation. NEWPCA, which evolved from that early group, has provided outstanding leadership - not only throughout its six-state region, but throughout the Federation, in such areas as operator training and wastewater treatment plant operations and maintenance. It is, in no small part, thanks to NEWPCA that WPCF is the strong, vital and dynamic organization that it is.

Congratulations, well done, and best wishes in the years ahead.

Jim Abbott
President, WPCF

GOVERNORS' MESSAGES

CONNECTICUT

State of



Connecticut

By His Excellency WILLIAM A. O'NEILL, Governor: an

Official Statement

The health, comfort and standard of living of all our residents depend on an abundant and clean supply of water.

Since 1929, the New England Water Pollution Control Association (NEWPCA) has been actively concerned with the restoration of water quality and the protection and preservation of our water resources.

The Association currently has more than 2,000 members including scientists, educators, consulting engineers, equipment manufacturers, wastewater treatment personnel, and state, federal and municipal officials.

Formed in 1929, NEWPCA objectives include: the advancement of the knowledge of design, construction and management of wastewater collection; the restoration of the quality of our water resources; the assessment of regional needs in water pollution abatement and control; the recruiting, training, qualifying and encouragement of workers, technicians and professionals directly involved in the preservation of our water resources; public education; and interaction with state and national legislators to make available to them the benefit of actual operating experience as a guide in the development of state and federal legislation.

In 1989, the NEWPCA will be celebrating its 60th anniversary.

Therefore, on behalf of the people of Connecticut, it is a privilege to congratulate the Association on the occasion of its 60th anniversary and to thank the NEWPCA for its outstanding commitment to achieving wise and efficient use of our water resources and to protecting the quality of our precious environment.



William A. O'Neill
Governor.



JOHN R. MCKERNAN, JR.
GOVERNOR

STATE OF MAINE
OFFICE OF THE GOVERNOR
AUGUSTA, MAINE
04333

December 21, 1988

New England Water Pollution Control Association
85 Merrimac Street
Boston, MA 02114

Dear Friends:

I am writing to you to offer my sincerest congratulations to you on your 60th anniversary. Your organization has passed a true milestone, and we in the state of Maine truly appreciate your efforts and dedication in preserving one of our most precious natural resources.

Founded in 1929 with the goal to "advance the knowledge of design, construction, operation, and management of sewage works", NEWPCA has organized the experience and knowledge of New England wastewater professionals to set and maintain tough standards which go into each sewage treatment plant construction and operation. Although these people remain largely the "unsung heroes" of everyday life, we owe our safe and clean drinking water and our healthy New England environment to these individuals and to the efforts of NEWPCA.

On behalf of all Maine citizens, our thanks and congratulations on your 60th.

Sincerely,


John R. McKernan, Jr.
Governor

JRM/bhr

MASSACHUSETTS

The Commonwealth of Massachusetts

By His Excellency

MICHAEL S. DUKAKIS

Governor

A PROCLAMATION

1988

WHEREAS: The preservation of our water resources is vital to every citizen of the Commonwealth of Massachusetts, New England, and our nation; and

WHEREAS: We must place increasing reliance on wastewater professionals maintaining and improving the quality of life through technology and a healthful environment for all its citizens; and

WHEREAS: Over two thousand New England wastewater professionals are members of the New England Water Pollution Control Association (NEWPCA); and

WHEREAS: NEWPCA founding fathers stated, "The object of this Association shall be the advancement of the knowledge of design, construction, operation, and management of sewage works and the encouragement of a friendly exchange of information and experiences"; and

WHEREAS: NEWPCA, founded in 1929 as the New England Sewage Works Association, is celebrating its 60th anniversary in 1989;

NOW, THEREFORE, I, MICHAEL S. DUKAKIS, Governor of the Commonwealth of Massachusetts, do hereby honor and commend

THE NEW ENGLAND WATER POLLUTION CONTROL ASSOCIATION

on their sixtieth anniversary.

Given at the Executive Chamber in Boston, this sixteenth day of November, one thousand nine hundred and eighty-eight and of the Independence of the United States of America, the two hundred and thirteenth.

By His Excellency the Governor

MICHAEL S. DUKAKIS

Michael J. Connelly
MICHAEL JOSEPH CONNELLY
Secretary of the Commonwealth

GOD SAVE THE COMMONWEALTH OF MASSACHUSETTS

NEW HAMPSHIRE

State of New Hampshire
By His Excellency
John H. Sununu, Governor

A Commendation

NEW ENGLAND WATER POLLUTION CONTROL ASSOCIATION 60TH ANNIVERSARY

WHEREAS, the New England Water Pollution Control Association has over 2,000 members including scientists, government officials, educators, consulting engineers, equipment manufacturers, wastewater treatment personnel and others who are actively concerned with the restoration of our water resources; and

WHEREAS, the NEWPCA has the objectives of advancing knowledge of wastewater collection, restoring the quality of our water resources, assessing regional needs in water pollution abatement and control, encouraging workers directly involved in the preservation of our water resources, educating the public, and interacting with legislators to make available to them the benefit of actual operating experience as a guide in the development of legislation; and

WHEREAS, the preservation of our waterways is vital to the scenic beauty, recreational opportunities and the economy of New England, as well as the health and welfare of its residents; and

WHEREAS, public and private sector attention must focus on preservation of our waterways; and

WHEREAS, the NEWPCA was founded in 1929 and will be celebrating its 60th anniversary in 1989;

NOW, THEREFORE, I, JOHN H. SUNUNU, GOVERNOR of the State of New Hampshire, do hereby commend the NEW ENGLAND WATER POLLUTION CONTROL ASSOCIATION for its 60 years of dedication to cleaning the waterways of New England and urge all of our citizens to pay special attention to one of our most valuable resources.



Given at the Executive Chambers in Concord this twenty-eighth day of October, in the year of Our Lord, one thousand nine hundred and eighty-eight, and of the independence of the United States of America, the two hundred and thirteenth.


GOVERNOR OF NEW HAMPSHIRE

RHODE ISLAND



State of Rhode Island and Providence Plantations
EXECUTIVE CHAMBER, PROVIDENCE

Edward D. DiPrete
Governor

PROCLAMATION

WHEREAS, the New England Water Pollution Control Association is made up of over 2,000 members across New England including scientists, government officials, educators, engineers, and wastewater treatment personnel; and

WHEREAS, these individuals are concerned with the restoration of water quality and the protection and preservation of our vital water resources; and

WHEREAS, NEWPCA was formed nearly sixty years ago for several purposes including the assessment of regional water needs, public education, and sharing knowledge concerning the design, construction, and management of wastewater collection; and

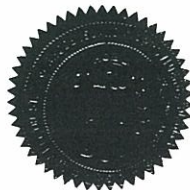
WHEREAS, 1989 marks the New England Water Pollution Control Association's 60th anniversary;

NOW, THEREFORE, I, EDWARD D. DIPRETE, GOVERNOR OF THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS, DO HEREBY PROCLAIM

JANUARY, 1989 AS

NEW ENGLAND WATER POLLUTION CONTROL ASSOCIATION
RECOGNITION MONTH

in the State of Rhode Island and call on all citizens to join with me in recognizing the important contributions this organization has made to society.



IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the seal of the State of Rhode Island to be affixed this twenty-seventh day of October, in the year of Our Lord, one thousand nine hundred and eighty-eight, and of Independence, the two hundred and thirteenth.

Edward D. DiPrete
Edward D. DiPrete
GOVERNOR

Kathleen S. Connell
Kathleen S. Connell
SECRETARY OF STATE

STATE OF VERMONT

EXECUTIVE ORDER

A PROCLAMATION

WHEREAS, the preservation of our water resources is vital to every citizen of Vermont, New England, and our nation; and

WHEREAS, we must place increasing reliance on waste-water professionals maintaining and improving the quality of life through technology and a healthful environment for all its citizens; and

WHEREAS, over 2000 New England wastewater professionals are members of the New England Water Pollution Control Association (NEWPCA); and

WHEREAS, NEWPCA founding fathers stated "The object of this Association shall be the advancement of the knowledge of design, construction, operation, and management of sewage works and the encouragement of a friendly exchange of information and experience"; and

WHEREAS, NEWPCA, founded in 1929 as the New England Sewage Works Association, is celebrating its 60th anniversary in 1989,

NOW, THEREFORE, I, Madeleine M. Kunin, Governor of the State of Vermont, do hereby congratulate the

NEW ENGLAND WATER POLLUTION CONTROL
ASSOCIATION

and its members on the occasion of its 60th anniversary and the Association for its outstanding commitment to the preservation and protection of our water resources and our environment.

Given under my hand and the Great
Seal of the State of Vermont, this
ninth day of November, A.D., 1988.

Madeleine M. Kunin
Governor

By the Governor:

Robert A. Rankin
Secretary of Civil and Military
Affairs

1929 - 1939



F. Wellington Gilcreas

On October 6, 1949, founding member and first president Stuart E. Coburn wrote to then Secretary-Treasurer Walter E. Merrill: "Enclosed are a few notes I have made on the formation of the New England Sewage Works Association," as presented below:

The formation of a local sewage works association to affiliate with the recently formed "Federation of Sewage Works Associations" was discussed by Stuart E. Coburn and Willem Rudolfs on December 28, 1928, while walking from Warmuth's Restaurant to the Boston Society of Civil Engineers rooms at Tremont Temple, where Dr. Rudolfs was to speak before the Sanitary Section on "Sludge Digestion." Rudolfs suggested that Coburn propose at this meeting that the Sanitary Section of the BSCE initiate the formation of a sewage operators section.

The suggestion was discussed at the business meeting, and it was voted that the chairman, Ralph Horne, appoint a committee to investigate and report at the next meeting. The committee consisted of Stuart E. Coburn, F. Wellington Gilcreas, and Edward Wright. On January 21, 1929, the following report was presented and accepted:

Your Committee has studied the question of the desirability of the Sanitary Section fostering the formation of a Sewage Works group to join or become affiliated with the National Federal of Sewage Works Associations and wished to report that under the By-Laws of the Boston Society of Civil Engineers and of this Section, all of those eligible for membership in the National Federation are not necessarily eligible for membership in this Section. Therefore it does not seem practicable for this Section as such to form this Association.

Your Committee, therefore, with the assistance of other interested parties, have constituted themselves an organizing committee to form a new organization to be known as the New England Sewage Works Association.

Gilcreas and Coburn, on their own initiative and with the assistance of stenographers furnished by Weston & Sampson and Metcalf & Eddy, sent letters throughout New England to all persons they thought might be interested in the formation of such an organization:

Would you consent to serve on an "Organization Committee" to form a New England Sewage Works Association which would be affiliated with the National Federation of Sewage Works Associations?

The general idea of such an association is to bring together once or twice a year state officials, superintendents, plant operators, foremen, engineers and others in New England that might be interested in the operation of sewage or industrial waste treatment plants.

These meetings might be held in various New England cities from year to year, and would bring together the interested parties on a common ground in a manner that is not offered in any other organization in New England today. It is proposed to hold a meeting of this Committee in connection with the New England Health Institute in Hartford at the Hotel Bond on April 23, 1929, for the purpose of organizing such an association.

It was learned that Warren Scott in Connecticut and Stephen Gage of Rhode Island were organizing their state sewage operators into local groups, but they agreed to hold off and assist in an organization covering all New England.

At the Association's first annual meeting, the minutes of which follow, 40 men paid their dues and signed on as Charter Members:

Herbert B. Allen	Samuel W. Bowers
Henry R. Buck	Julius W. Bugbee
Harry P. Burden	E. Sherman Chase
V.B. Clarke	Stuart E. Coburn
Thomas H. Connolly	William R. Copeland
Harold S. Crocker	A. Dargis
Frank Duffy	Gorden M. Fair
Stephen DeM. Gage	L.H. Geer
F. Wellington Gilcreas	Charles Griffith
Christopher Hanson	Ralph W. Horne
Paul F. Howard	F.J. Hurley
J. Frederick Jackson	F.H. Kennedy
Roy S. Lanphear	M. LeBosquet
Thomas MacKenzie	W.A. MacKenzie
R.S. Rankin	A.T. Rhodes
Wallace W. Sanderson	Warren J. Scott
J.W. Smith	E.H. Sprague
M.B. Stock	Roscoe H. Suttie
R.G. Tyler	J.W. Votey
George Walters	Edward Wright

NEW ENGLAND SEWAGE WORKS ASSOCIATION

FIRST ANNUAL MEETING, 1929 MINUTES

The meeting for organization of a New England Sewage Works Association was held at the Bond Hotel, Hartford, Connecticut, on April 23, 1929. This meeting was held in connection with the session of the New England Health Institute. The meeting was called to order at 1:45 P.M. by the Chairman, Mr. Stephen DeM. Gage.



*Left to right: • Julius W. Bugbee, Providence, RI, President • F. Wellington Gilcreas, Boston, MA, Secretary-Treasurer
• Roy S. Lanphear, Worcester, MA, Director • Guy E. Griffin, Greenwich, CT, Director*

Mr. Gage called upon Mr. Stuart E. Coburn of Boston to discuss the formation of a New England Sewage Works Association. Mr. Coburn outlined the preliminary work that had been done by a self-appointed organization committee. He explained the purposes of the Association, affiliation with the National Federation, the Sewage Works Journal, etc.

The Chair then called upon Mr. C.A. Emerson, Jr., Chairman of the National Federation of Sewage Works Associations, who discussed the National Federal and the Sewage Works Journal, etc.

At the session of the New England Health Institute, held on the morning of April 23rd, a nominating committee, consisting of Messrs. Fair, Copeland and Lanphear, had been appointed to submit nominations for the various officers of the Association. The Chair called upon the Chairman of the Committee, Prof. G.M. Fair, to report. The committee submitted the following nominations:

President	Mr. Stuart E. Coburn, Metcalf & Eddy, Boston, MA
Vice-President	Mr. J.W. Bugbee, City Engineer, Providence, RI
Vice-President	Mr. W.J. Scott, Chief Engineer, State Dept. of Health, Hartford, CT

Treasurer

Prof. R.H. Suttie, Prof.
Sanitary Engineering,
Yale University,
New Haven, CT

Secretary

Mr. F.W. Gilcreas,
Weston and Sampson,
Boston, MA

It was voted that the nominations be closed and that the Chair be instructed to cast one ballot for the officers nominated. The Chair casting the ballot, the officers nominated were declared elected.

The Chair then brought up the matter of a Constitution and stated that if there were no objections he would read the tentative Constitution, article by article, each article to be voted on separately.

The Constitution as a whole was then accepted as read and amended.

The Chair then granted time for the Secretary to receive applications for membership and payment of dues. Forty paid-up applications were received.

"It might interest the present officers and members to realize that the early dues were \$2.00 per year — \$1.00 going to the Federation for the Journal — leaving only \$1.00 for the Association. The treasury was frequently a bit strained in the first years."

F. Wellington Gilcreas (Secretary, 1929-1931;
President, 1939).

After a short intermission the Chair called the meeting to order and the afternoon program was carried out. The following papers were presented and discussed:

"The Activated Sludge Method of Sewage Disposal", by W.R. Copeland of Hartford, discussed by Mr. Lanphear.

"The Value of Keeping Plant Records", by J.F. Jackson, Discussed by Messrs. Lanphear, Emerson, Scott, Bugbee, MacKenzie, Wright, and Baker.

"Round Table Discussion of Plant Operation", opened by Mr. Lanphear, discussed by Messrs. Allen, Coburn, and Scott.

On motion by Mr. Wright it was voted that the Secretary should send letters of appreciation to the New England Health Institute, Dr. Osborne, and Mr. Scott for the courtesies extended the New England Sewage Works Association.

The Secretary reported that forty members of the Association had been secured to date. Mr. Gage then introduced President Coburn, who took the Chair with a few appropriate remarks concerning the future of the Association.



The first decade of the new organization produced many firsts. The first Executive Committee meeting was held in Boston on August 27, 1929, at which the official emblem of the Association was adopted,

and plans were made for the first independent one-day meeting, held in Worcester in October, with 69 attendees.

Manufacturers of sewage works equipment were first invited to participate and exhibit their products at the third annual meeting, held in Hartford, Connecticut in April 1931. "For the first time, the Association invited manufactures of sewage treatment plant equipment to present exhibits of their products. These exhibits were held in a room adjoining the meeting room and, being open throughout the day and evening, permitted ample opportunity for those attending the meetings to inspect the exhibits and talk with those in charge. These exhibits proved a very interesting and valuable part of the program." These first exhibits were presented by the following manufacturers:

Wallace & Tiernan
Paradon Company
Link Belt Company
Pacific Flush Tank Company
Inertol Company
Eimer & Amend
Dorr Company
Hume Pipe Company
Weston Gasketts
(Exhibitor fees were \$10.00)

It was also at this meeting that the first amendments were made to the constitution. The annual meeting was changed from April to October to conform with the activities of the Federation, and the offices of the Secretary and Treasurer were combined.

The first joint meeting with the New York State Sewage Works Association was held in October 1935 in Schenectady. At the close of this two-day meeting, it was voted that the annual meeting henceforth be a two-day affair.



October 2, 1933 • Worcester, MA • The Norton Company

Attendance of wives began at the early meetings when they accompanied their husbands to enjoy the facilities of the communities in which the meetings were held. As early as 1934 in Greenwich, Connecticut, special arrangements were made for a tour of the city and a luncheon. At the 10th annual meeting in October 1939, 27 New England ladies attended.

◆ DID YOU KNOW?

... It wasn't until the mid-1970's that "Ladies Program" was changed to "Spouse Program" to reflect the increase in female members whose husbands accompanied them to meetings. The individual who argued for this change, Catherine Lowery, also was the first female committee chairman.

◆

Dues (and other issues related to the Federation) became a matter of concern in the first (and into the second) decade. In 1936, dues were increased to \$3.00, with \$1.50 going to the Federation. At the Executive Committee Meeting of May 1940, "there was considerable discussion concerning the new constitution of the Federation. There was a feeling that any substantial increase in Federal dues would be unacceptable to the Committee." However, in the September 1941 amend-

ments to the Constitution, the annual dues for active members were increased to \$4.50, \$3.00 of which went to the Federation. By 1949, dues had increased to \$6.50, with \$5.00 going to the Federation.

◆ Hotel Bradford, Boston, 1932

Registration & dinner	\$2.50
Registration only	\$1.00
Entertainment budget	\$35.00

Pickwick Arms Hotel, Greenwich, 1934

Room with running water	\$2.50
Room with bath	\$3.50

Hotel Biltmore, Providence, 1937

Registration	\$3.50
Luncheon	\$1.50
Dinner	\$2.00

◆
The auditor's report of April 15, 1930 showed a balance in the treasury of \$120.40 as of December 1929.
◆

1939 -
1949



T. R. Camp



L. W. Van Kleeck

TENTH ANNUAL FALL MEETING, 1939 MINUTES

LeRoy VanKleeck (President, 1948) recalled an incident at the September 1939 meeting in Winchendon, Massachusetts, at the Old Toy Town Tavern: "Gordon Fair (President, 1935) wrote me about three weeks before the meeting that he had a paper for presentation. The program had already been arranged by that time and included, for the first time, one and one-half hours for golf in the afternoon before the cocktail hour. When I had to turn his offer down, he was furious and said that henceforth the Association should be called the Tea and Chowder Club. However, after a few drinks before the Association dinner, he came up to me and said that he understood, and I was a good Secretary."

The Tenth Annual Fall Meeting of the New England Sewage Works Association was held on September 29-30, 1939, at the Toy Town Tavern in Winchendon, MA. One hundred and thirty-four members and guests, which included twenty-seven ladies, were registered for the meeting, which established an all time record for attendance for an annual meeting.

The Friday morning session was called to order at 10:00 A.M. by President F.W. Gilcreas. At the business session, a Nominating Committee consisting of Messrs. Weston, H.W. Bauer and E.C. Johnson was appointed by the President to consider a slate of officers for 1940. A change in Article VI of the Constitution was discussed by the membership and now reads:

"The Officers of this Association shall be a President, a first Vice-President, a second Vice-President, a Secretary-Treasurer, and three Directors. The term of office shall be one year. Officers shall be elected at the Annual Meeting in October to take office the following January 1st. No officer, except the Secretary-Treasurer, shall serve more than two years consecutively. The retiring President shall serve as an advisory member to the Executive Committee for a period of one year following his term of office."

The reports of the Secretary and Treasurer were read in open meeting and accepted.

The death of Mr. Christopher Hanson of Marlboro, Massachusetts, a charter member in this Association, was announced and silence was observed in his memory.

The first speaker of this morning session was Mr. J.A. Muldoon, Superintendent of Sewage Treatment, Bridgeport, Connecticut, who spoke on "Fine Screening of Sewage."

The second paper of the Technical Session, "Operating Data for the New Britain Sewage Treatment Plant" was presented by Mr. John Szymanski, superintendent of the municipal sewage treatment plant, New Britain, Connecticut. Mr. Szymanski presented his 1938 operation report.

The third and last paper on Friday morning was given by Mr. Arthur D. Weston, Chief Engineer, State Department of Public Health, Boston, Massachusetts, on "A Summary of the Sewage Experimental Work done at the Lawrence Experiment Station during the Period from 1929-1938."

There was some general discussion from the floor on all of the above papers. The morning session adjourned at 12:45 P.M.

The members met for luncheon in the main dining room of the Toy Town Tavern at 1:00 P.M. The election of officers took place at 2:00 P.M. at the beginning of the afternoon technical session. The nominating committee submitted the following names:

For President

Mr. Arthur D. Weston
of Boston, MA

For First Vice-Pres.

Mr. W.P. Petrie
of Norwalk, CT

For Second Vice-Pres

Mr. Walter J. Shea
of Providence, RI

For Secretary-Treas.

Mr. L.W. Van Kleeck
of Hartford, CT

For Directors

Mr. J.A. Muldoon
of Bridgeport, CT

Mr. Clarence F. Lamb
of Providence, RI

Mr. Harold L. Brigham
of Marlboro, MA

These officers were elected by the membership and the secretary was instructed to cast one ballot for the candidates. As usual, retiring President F.W. Gilcreas will serve as ex-officio member of the Executive Committee for the year 1940.

The technical session in the afternoon was opened by Mr. Joseph A. Tourigny, Chief Operator, Leominster Sewage Treatment Plant, Leominster, Massachusetts, on "Operation of the Leominster Activated Sludge Plant."

Discussion on the Leominster plant was followed by a round table discussion on the "Uses of Lime in Sewage Treatment", opened by Mr. Charles G. Agar, Sanitary Engineer, New York State Department of Health, and Mr. S.E. Coburn, Sanitary Chemist, Metcalf & Eddy, Boston, Massachusetts.

The last topic at the afternoon session was on "Experiences with Screenings Disintegrators." This was discussed by Mr. Guy E. Griffin of

Greenwich, Connecticut, Mr. William J. Hanrath of Pittsfield, Massachusetts, and others.

The late afternoon was given over to enjoyment of the many attractions at Toy Town Tavern, following which the Association banquet was held at 7:00 P.M. After the evening banquet, Mr. Robert Spurr Weston, member of the Association, presented a traveling bag to retiring President F.W. Gilcreas in appreciation of his long and untiring service to the Association. The guest speaker was Mr. George O. Mansfield, Chief Fire Inspector for the Massachusetts Department of Public Safety, who spoke on "How We Catch the Fire Bugs." This was an illustrated lecture for which the guest speaker was warmly thanked by a well-entertained audience. The closing evening event was dancing.

While the men "toyled" at Toy Town, the ladies were entertained under the direction of Mrs. E. Fred Cullen, Tavern Hostess. A putting contest, bridge and other games were enjoyed by the ladies. Prizes were awarded by the President following the evening banquet.

On Saturday, September 30, the Association breakfast was held at 8:15 A.M., following which Mr. Herbert B. Allen, Supervising Chemist of the Fitchburg Sewage Treatment Plant, Fitchburg, Massachusetts, spoke on the recent operation of the Fitchburg Sewage Plant. An auto caravan left at 9:30 A.M. for an inspection trip of the Fitchburg Sewage Plant. This was followed by an inspection of the Leominster Sewage Treatment Plant, which completed the official program.

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The years of World War II took their toll on the Association. Membership fell off, meeting attendance decreased, and meetings had to be scheduled where rail transportation was available.

The program from the October 1940 meeting in Springfield, Massachusetts at the Hotel Kimball, included the following notice: "Members who must register for the draft on October 16 may do so in Springfield. Your registration card will be forwarded to your local district. An announcement concerning registration locations will be made by the president at the meeting."

LeRoy VanKleeck (President, 1948) recalled that, during the war, "we always arranged for meetings in large cities with good rail service. In October, 1940, Springfield, Massachusetts was picked for one of our meetings and later Uncle Sam decided it would also be the date for registration for the draft. We had to cancel the program from 10:00 A.M. to noon and almost everyone stayed until late in the afternoon to hear what were supposed to be the morning papers."

Charles Knapp (President, 1974) similarly recalls: "The earliest memory I have of the Association was the 1940 fall meeting in



New York
A. F. Dappert
Engineer
State Dept. Health
Albany, N. Y.



New England
W. E. Merrill
Engineer
State Dept. Health
Boston, Mass.



Federation President
Francis S. Friel
President
Albright & Friel Engrs.
Philadelphia, Pa.



New England
E. S. Chase
Cons. Engr.
Metcalf & Eddy
Boston, Mass.



New York
J. W. Johnson
Supt.
Treatment Wks.
Buffalo, N. Y.

N.Y. AND N.E. SEWAGE WORKS ASSOCIATIONS' JOINT SPRING MEETING

Two-Day Albany Meeting Is Third Joint Convention
May 1947



Mrs. Carl Bernhardt
(Jamestown, N. Y.)
Mrs. Morris Cohn
(Schenectady, N. Y.)
Mrs. Charles Lose
(Morristown, N. J.)
Mrs. Walter Merrill
(Boston, Mass.)



Mrs. William Petrie
(Norwalk, Conn.)
Mrs. Sherman Chase
(Boston, Mass.)
Mrs. E. B. Cobb
(Needham, Mass.)
Mrs. Paul Hiller
(New York)



Mrs. Charles Agar
(Albany, N. Y.)
Mrs. Guy Griffin
(Cambridge, Mass.)
Mrs. Henry Rath
(Jackson Heights, L. I.)
Mrs. Stuart Coburn
(Boston, Mass.)

Some of the Ladies Attending



W. J. Scott
Chief Engr.
State Dept. Health
Hartford, Conn.



S. E. Coburn
Chem. Engr.
Metcalf & Eddy
Boston, Mass.



Chas. A. Emerson
Havens & Emerson
Engrs.
New York



Thos. A. Berrigan
Chief Engr.
Metr. Sewer Distr.
Boston, Mass.



Joseph Doman
Engr. in Chg.
Sewage Disposal
Greenwich,
Conn.



Morton Goldstein
Eastern Mgr.
Dryer Div.
Link-Belt Co.
Philadelphia



A. J. Maahs
Engr., Transite
Pipe Div., Johns-
Manville Corp.
New York



Four of the Delegation
from Greenwich, Conn.

Ben Lyon, Operator
East Rochester Plant
Russell Raymond, Operator
Cos-Cob Plant
Fred Muldoon, Operator
Old Greenwich Plant
Joe Blackett, Operator
Grass Island Plant



At the Closing
Luncheon

("Doc" Symons Speaking)



Three of The Delegation
from Springfield, Mass.

Joseph Fitzgerald
Supt. Sludge Disposal
George M. Granger
Deputy Supt. of Sewers
Richard E. Dudley
Deputy City Engineer

Springfield. It was decided that all the eligible men attending the meeting would meet in the hotel lobby and then walk enmasse to the place for registration. It was quite a contingent that walked through the streets of Springfield. The clerks handled us quickly and we soon were able to rush back to the meeting."

The annual meeting held in Providence in September 1941 had 105 attendees, "the lowest attendance in three years. The proximity of the Federation meeting in New York City in October 1941 was considered as an important contributing factor to this lowered attendance. A secondary influence of considerable importance was felt to be the national defense program which is keeping many of the manufacturers and consulting engineers busy."

The 1942 annual meeting, held in May in Boston, had only 78 attendees. "This was the lowest attendance since the annual meeting on October 14, 1930 at the Hotel Raymond in Fitchburg, Massachusetts, when there was an attendance of only 45. However, much favorable comment was made relative to the Fitchburg meeting as was also to the current meeting so that perhaps low attendances accompany good meetings. The present low

attendance is attributed to the shortage of tires and gasoline, and the war activities of many of our members."

The September 1942 meeting, held in Springfield, Massachusetts, was a one-day conference devoted almost exclusively to subjects pertaining to the war effort. Only 49 people registered for the meeting.

In 1943, E. Sherman Chase (President, 1952) became chairman of the Post-War Planning Committee, and at the spring 1944 meeting, a resolution was passed, urging post-war construction of sewerage projects. A similar resolution was passed by the New England Water Works Association.

Earl Howard (Secretary-Treasurer 1957-1961; President, 1963) recalls:

"Some of my earliest memories go back to 1946, when I first joined the Association, and my first meeting thereof in Greenfield, Massachusetts. We were small in those days, but some of the then-giants in our new industry were there: LeRoy VanKleeck, Warren Scott, George Craemer, John MacDonald, Eugene Bond and Clair Sawyer.

I remember an early joint meeting with the New York Association in Albany, New York at an in-

city hotel, where no one got any sleep as the trolley cars came through our rooms every hour on the hour, and at a subsequent meeting with New York at Lake Placid, where our then Executive Secretary and two illustrious New England members got stranded on the lake without oars or a paddle when the motor in the boat quit; they couldn't even raise a white flag!"

In 1946, the price of accommodations at the Pickwick Arms Hotel in Greenwich, Connecticut had increased by \$.50:

Single room (running water)	\$3.00
Single room (bath)	4.00

However, the registration fee was still \$1.00, \$2.00 with luncheon.

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The auditor's report of May 16, 1949 showed a balance in the treasury of \$694.27, as of December 31, 1948

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1949 - 1959



Ralph W. Horne

At the Executive Committee Meeting on December 7, 1948, it was decided to make the Association's 20th anniversary part of Federation's meeting in Boston in October 1949. E. Sherman Chase had been appointed Special Chairman of the Local Arrangements Committee, and the following subchairmen were appointed:

Hotel Arrangements	Edward B. Cobb
Registration	Jack E. McKee
Finance	Thomas A. Berrigan
Inspection Trip	Robert W. Moir
Transportation	Ralph W. Horne
Entertainment	Lawrence J. J. Tierney
Ladies' Program	Mrs. Thomas A. Berrigan
Local Host	Charles G. Hammann

ANNOUNCEMENT OF FALL MEETING, 1949 MINUTES

Place: Hotel Statler, Boston, Massachusetts

Dates: October 17-20, 1949

At this meeting we are the host association to the 22nd Annual Meeting of the Federation of Sewage Works Associations. You should already have received the Federation literature. We expect the total registration for this meeting to be close to 1,000. It unquestionably will be the biggest affair that the N.E.S.W.A. has ever sponsored. You owe it to yourself and to your Association to participate in this meeting. Your Local Arrangements Committee under Chairman Chase has been working for months on the various details. Mrs. Berrigan's Ladies Entertainment Committee has arranged the finest ladies' program ever offered to the Federation. Our visitors from the North, South, and West will be there with their wives, so don't leave your "little woman" at home.

N.E.S.W.A. 20th ANNIVERSARY DINNER

On Tuesday evening, October 18 at 6:30 P.M. we shall celebrate our 20th Anniversary with a catered dinner in University Commons, Student Centre Building, Northeastern University, 360 Huntington Avenue. This dinner is open to the entire Federation



October 19, 1949 • Federation of Sewage Works Associations Banquet at the Hotel Statler



CONVENTION BANQUET
FEDERATION OF SEWAGE WORKS ASS'N
HOTEL STATLER, BOSTON, MASS.
OCTOBER 19th, 1949

and the ladies. As the capacity of the hall is 400 persons, we must know in advance how many of our own members will attend so that we may estimate how many tickets can be sold to members of other associations. Please fill in the enclosed postal card and return at once. It is to be distinctly understood that, unless paid for in advance, no tickets will be held after 5 P.M. on October 17. Tickets will be available at the N.E.S.W.A. desk at the Statler on Monday, October 17; cost \$2.75, including tip.

Here's the menu:

Sherbet Fruit Cocktail
Hot Roast Tenderloin of Beef Brown Gravy
Celery Olives Cream Mashed Potato
Green String Beans Sweet Mixed Pickles
Banana Fritters Cherry Fruit Sauce
Assorted Rolls Creamery Butter
North Shore Lobster Salad
Assorted Ice Cream -
Sherbets Frozen Pudding Vanilla Country Club
Assorted Cake -
Tea Cakes Wafers Macaroons
Coffee Cream

Following the dinner we shall adjourn at 8:00 P.M. to the Alumni Auditorium in the same building where E. Sherman Chase will entertain us with "Recent Rambles in Europe" (illustrated). Hear from Sherman's own lips how he left the first \$500 payment on the Marshall Plan in England.

The slate of officers submitted for your approval by the Nominating Committee, Past President LeRoy W. Van Kleeck, Chairman, is as follows:

For President	Ralph W. Horne, Boston, MA
1st Vice President	William S. Wise, Hartford, CT
2nd Vice President	E. Sherman Chase, Boston, MA
Directors	J.H.L. Giles, Hartford, CT Paul C. Hedenstad, Worcester, MA Walter A. McMahon, Torrington, CT
Secretary- Treasurer	Walter E. Merrill, Boston, MA

NAME CHANGE / IMAGE CHANGE

The Association's third decade saw continued change and growth, reflected in nothing less than the change of its name. In December 1947, the Executive Committee had discussed the possibility of changing the name to give recognition to industrial waste treatment, but no action was taken.

Then, at the June 1951 meeting, the committee voted to submit to the Association at the

annual meeting in September a change in Article I of the Constitution, making the name "New England Sewage and Industrial Waste Association," in keeping with the change in the Federation's name in 1950. The Executive Committee approved the new Association seal in December 1952.

In fact, F. Wellington Gilcreas (President, 1939) recalled having trouble with accommodations at the Hotel Wendell in Pittsfield in 1942 because of the Association's name: "I was asked to make arrangements with the Hotel Wendell for the meeting. When I talked with the Manager, he refused to open the hotel to such an organization. It required much sales ability to convince him that we were a respectable outfit. He demanded a bond of \$100 to protect the hotel from damages. I gave him my own check and at the close of the meeting he returned it to me uncashed and was profuse in his commendations regarding the members."

It was the word "sewage" that continued to be a source of debate and in 1958 and 1959 became a much-discussed subject in the Federation. "Despite the previous consideration that had been given to eliminating sewage from the title, many members of the Board (of Control) still felt no need for a

name change, and no action was taken on the question at the first Board meeting in Dallas (1959). At the second meeting, there was still a similar feeling, but when President Mark Hollis related his experience at a Dallas television station, a change in feeling occurred. The word sewage had been banned on the television station interviewing President Hollis, and it was therefore impossible for him to tell the name of his organization!"

Finally, the name "Water Pollution Control Federation" became effective January 1, 1960 and, in 1962, New England's Constitution was changed to the name "New England Water Pollution Control Association." The change reflected the development of interest in the pollution control field as it broadened from sewage and industrial wastes to include pollution from all sources.

DID YOU KNOW?

The word "wastewater" became in increasingly common term in the late 1950's and early 1960's, but it wasn't until 1973 that it was included in Webster's New Collegiate Dictionary.

Walter J. Shea (President, 1941) stated that Professor Gordon M. Fair (President, 1935) referred to the Association as "The Effluent Society."

GOVERNMENT AFFAIRS

The Water Pollution Control Act of 1948 marked the beginning of the federal water pollution control program, and the 1950's were crucial years for the industry, as well as for the members of the Federation and Association. Generally, the legislation assigned to the federal government a very secondary position in water quality matters, the principal federal responsibility being to bolster state and local water pollution control programs with research support and technical and financial assistance. For the fiscal years 1949-1953, the legislation provided authorization for funding of \$22.5 million per year for low interest (2 percent) loans for the construction of sewage and waste treatment works; \$1 million per year for grants to states for pollution studies; and \$800,000 per year for grants in aid in drafting construction plans for water pollution control projects.

Public Law 82-579 extended the provision of the 1948 Act for an additional three years through fiscal year 1956. Then, the first federal legislation authorizing \$50 million a year in grants-in-aid for the construction of water pollution control plants was enacted in

1956. Feelings among the Federation membership ranged from the extreme right to the extreme left: some believed that a utility that must serve people indefinitely should be supported by the people without federal aid; others believed that such facilities were so expensive that they could only be built with federal aid. There were many who expressed the opinion that \$50 million a year was an excessive amount for the federal government to contribute! Ultimately, of course, federal contributions made up a great part of the support for such projects. The commencement of this program gave the entire water pollution control field a strong impetus and led to accelerated interest, growth and activity.

The 1956 Water Pollution Control Act Amendments greatly strengthened the research and training aspects of the federal program, as well as federal enforcement procedures through the removal of the state consent requirement. The passage of this legislation intensified the Federation's involvement in federal water pollution legislation, and the efforts of the Legislative Committee (which became the Government Affairs Committee in 1969).

SILVER ANNIVERSARY

The Association's 25th Anniversary was celebrated on April 23 and 24, 1954, at the Hotel Somerset in Boston. The program, reprinted to the right, reflects not only the technical interests of the time, but also shows the scope of the Association's continued involvement in a variety of areas and disciplines. The meeting budget was \$750 (exceeded by \$5), the "Ladies Tour" included a visit to the Gardener Museum and the Nut Island Treatment Plant, and the fees were as follows:

	<u>Member</u>	<u>Guest</u>	<u>Ladies</u>
2-day registration	\$2.00	\$2.00	\$1.00
Luncheon	1.50	3.00	1.50
Dinner	2.50	4.50	2.50



NEW ENGLAND SEWAGE & INDUSTRIAL WASTES ASSOCIATION SILVER ANNIVERSARY MEETING Hotel Somerset, Boston, Massachusetts April 22 & 23, 1954

Wednesday, April 21, 1954

8:00 p.m. Committee Meetings - Executive Committee
Crown Room - Needs of Small Plant Operators

Thursday, April 22, 1954

8:30 a.m. Registration - Foyer of Princess Room
Morning Session - Princess Room
Presiding - Charles G. Hammann, President

10:00 a.m. Business Meeting
"Safety in Sewage Works Operation" - LeRoy W. VanKleeck, Principal Sanitary Engineer, Bureau of Sanitary Engineering, Connecticut Dept. of Health.

11:15 a.m. "Overloads on Shear Pins" - Walter M. Kunsch, Superintendent, Sewage Treatment, Bureau of Engineering, Waterbury, Connecticut.

12:00 noon Recess

12:45 p.m. Luncheon - Princess Room
"How the New England Sewage & Industrial Wastes Association Was Formed" - F. Wellington Gilcreas, Honorary Member, Federation of Sewage & Industrial Wastes Associations.

Afternoon Session - Princess Room
Presiding - Walter E. Merrill, 1st Vice President

2:30 p.m. "Synthetic Detergents: Their Frothing Tendency & Influence on Oxygen Transfer During Aeration" - William O. Lynch, Research Assistant, Civil and Sanitary Engineering, Massachusetts Institute of Technology.

3:15 p.m. "Synthetic Detergents: Influence of Chemical Structure Upon Biological Degradation Under Aerobic Conditions" - Richard H. Bogan, Research Asst., Civil and Sanitary Engineering, Massachusetts Institute of Technology.

4:00 p.m. "Process Chemical B.O.D. Sources in Cotton Finishing Wastes" - Joseph W. Masselli, Research Chemist, & M.G. Burford, Consultant Supervisor, Conn. State Water Commission Research Lab., Wesleyan University, Middletown, Conn.

4:45 p.m. Recess

5:00-6:30 p.m. Social Hour - Regency Ballroom Foyer
(Cocktails - Dutch) Ladies Invited

6:45 p.m. Dinner - Regency Ballroom - Dress Informal
Message from the Federation - Louis J. Fontenelli, President, Federation of Sewage & Industrial Wastes Association.
"Around the World Under Sail" - Illustrated travelogue by Ray Moeller.

Friday, April 23, 1954

8:30 a.m. Registration - Foyer Princess Room
Morning Session - Princess Room - Presiding - J. Henry Giles 2nd Vice President
"The Mansfield Story" - An Experience in Public Relations" - Harry F. Ahern, Mgr., Mansfield Plant, Hercules Powder Company, Mansfield, Massachusetts.

9:45 a.m. "First Two Years of Operation & Maintenance of the Nut Island Sewage Treatment Plant" - Joseph B. Hanlon, Supt. of Sewage Treatment Plants, Metropolitan District Commission, Boston, Massachusetts.

10:30 a.m. Round Table Discussions
Session I - Problems in Sewage Treatment - Princess Room
Leader: Walter C. Anderson, Supt. of Sewage Treatment, Cranston, Rhode Island.

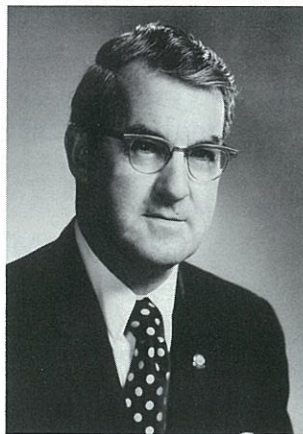
Session II - Problems in Industrial Waste Treatment - Country Room
Leader: John J. Curry, Chief Engineer, State Water Commission, Hartford, Conn.

12:00 noon Recess

1:00 p.m. Luncheon - Neighborhood Club, Quincy, Massachusetts.

2:00 p.m. Inspection of Nut Island Sewage Treatment Plant, Quincy, Massachusetts.

1959 - 1969



Joseph A. Hanlon

The Association's fourth decade saw tremendous growth in the structure, size and activities of the Executive Board and committees.

In 1960, there were 408 active members, 77 operators had been certified, 150 men (and 13 ladies) attended the annual meeting in New Haven, and the balance in the treasury was \$2,964.65. By the beginning of 1969, there were 888 active members, 300 actively certified operators, 202 registrants and 33 wives attended the 1969 annual meeting in Lynnfield, and the balance in the treasury was \$3,899.75.

ANNUAL MEETING, 1959 PROGRAM

The program for the 1959 Annual Meeting, held at the Sheraton-Biltmore Hotel in Providence, with 203 attendees, was as follows:

Joint Session (Robert Holthaus, moderator) — "Rebuilding of a Major Sewage Treatment Plant," Ariel A. Thomas, and Howard F. Carpenter.

Operators Session (Robert Holthaus, moderator) — "Meter Maintenance," David Giammarco; "Maintenance of Conveyor Sludge Collectors," C. E. Smith.

Consultants Session (Roland Burlingame, moderator) — "Accelerated Sludge Digestion Systems," Frank Burdee, Robert L. Yocum, Thomas Forrest, and Leonard L. Langford.

Inspection Trip — Providence Sewage Treatment Plant, Fields Point Manufacturing Company, B.I.F. Industries, Inc.

Ladies Program — Tour of Roger Williams Park and visit to the California Artificial Flower Shop.



A major issue of the period was operator certification and educational activities. The

background to the Association's relationship and involvement with operators is detailed in the later section on "The Association and Operators," but during this period, the focus was on mandatory certification and formal training.

In 1966, legislation for voluntary certification of water and wastewater plant operators had been filed jointly in the Massachusetts Legislature with the Massachusetts Water Works Association. In 1967, the bill was in the Senate Ways and Means Committee, and Massachusetts members of the Association were urged to contact committee members supporting favorable passage.

At an Executive Committee meeting in October 1967, the Operator's Education Committee reported that the matter of certification without training had been discussed, and that "the training of operators is a state responsibility and the state agency budget should be increased to do this. The New England Interstate Water Pollution Control Commission is planning short courses next spring." Throughout the decade, operator groups requested the Association's assistance in such areas as coordinating the voluntary certification program with Connecticut's mandatory program; starting an

operator's school in central Vermont; and encouraging operators in Maine to enroll in the operator's school at Southern Maine Vocational Technical School.

GOVERNMENT AFFAIRS

The period 1958-1963 saw increased levels of congressional and Federation activity. Public Law 87-88, the Water Pollution Control Act of 1961, made major changes in the federal program and stimulated the Federation to adopt major policy statements and recommendations with regard to federal water pollution control activities.

The Federation's statement of policy of 1962 put it on record as believing that: "Pollution of the nation's watercourses, coastal water and groundwaters is a continuing threat to the national health, comfort, safety and economic welfare. National survival, in terms of future urban, industrial, and commercial growth and prosperity, dictates the protection of all water resources from discharges of pollution, wastes and other substances, or from any acts which cause their highest level of usefulness. While considerable progress has been made in

pollution control by municipalities and industries, many water resources areas are being degraded, impaired, and damaged by such discharges and acts, and they will be further adversely affected by the degree and pattern of population growth, industrial processing, commercial expansion, chemical usages, and other technological advancements."

By 1964, the Federation had accepted the responsibility for being the spokesman for the water pollution control field through the testimony of the Executive Secretary before congressional committees, testimony which provided helpful in composing and modifying pending legislation.

Congress legislated major changes in 1965 and 1966. The Water Quality Act of 1965, PL 89-234, placed primary responsibility for the administration of the federal program in the newly created Federal Water Pollution Control Administration in the Department of Health, Education and Welfare; raised construction grant authorization from \$100 million to \$150 million; authorized \$20 million annually for research and development grants related to methods for dealing with combined sewer pollution problems; set a timetable for the establishment of water quality standards by the states for interstate

waters; and extended enforcement initiatives to abate pollution adversely affecting shellfish in interstate and navigable waters.

The Clean Water Restoration Act of 1966, PL 89-754, made equally important changes in the program by, among others, increasing construction grant authorizations to a total of \$3.55 billion between fiscal years 1967 and 1971; raising federal participation limits as well as total authorizations for research and training programs; increasing authorization for state program grants; and establishing federal enforcement machinery for international boundary waters.

In the spring of 1966, the Federation held the first of many legislative seminars which, over the years, have become an important aspect of the Federation's - and the Association's - government affairs program.

A JOURNAL OF OUR OWN

A major milestone for the Association during this decade was the inauguration of the Journal of the New England Water Pollution Control Association. Volume 1, Number 1 was published in October 1967 by Journal Editor Bruce Eaton (President, 1973).

President Merwin E. Hupfer included the following letter in the first issue:

Although it has been the custom for our presidents to write one letter to the membership each year, and this will probably continue in the future, I would feel remiss if I did not include a few words in this 'Inaugural Issue' of our Journal.

In 1966 a special committee was appointed to investigate the advisability of employing a full-time Secretary-Treasurer. The committee made a negative report as it felt that our membership was not as yet large enough to support such an endeavor, but offered a number of recommendations which would lead gradually to this eventuality. These were adopted by the Executive Committee in June 1966, including one that our Newsletter be converted to a NEWPCA Journal as soon as practicable. Bruce Eaton, Newsletter Editor, accepted the appointment as Journal Editor.

With our rapidly expanding membership, it has become increasingly necessary to provide more services and a better means of disseminating information. A greater number of papers are being presented at Federation annual conferences and Member Association meetings, making it impossible to print in the Federation Journal all those worthy of publication, particularly

ones of regional interest. Thus, the commencement of a New England Journal at this time is most appropriate.

Perusal of our 'Inaugural Issue' will readily indicate the excellent performance of our Editor and his entire staff (Roland Burlingame, David Duncan, Richard Greeley, Joseph Hanlon, Joseph Knox, Frank Mahony, Robert Okey, Robert Pope, Robert Purcell, Kenneth Russell, Edward Beardslee, Martin Weiss, James Connell, and Paul Kelley)...

May I ask the full support of the entire membership in order that the Journal will be a continuing success."

The first articles published in the Journal were:

- "The Impact of Nuclear Power on the Quality of Natural Water," Jack E. McKee.
- "Connecticut Operator Education and Certification," Salvatore L. Falconieri.
- "Training is the Key to Achievement," Lloyd Caughran.
- "The Virucidal Effects of Chlorine in Wastewater," Richard W. Burns & Otis J. Sproul.

39



Dave Blake (President, 1982) recalls:

"My first meeting with the New England Water Pollution Control Association was held at Poland Springs, Maine, May 24 to the 26, 1965. The Poland Springs Inn was one of the gracious establishments throughout New England that housed a variety of people. Upon my arrival into the Inn, I noted that there was all kinds of material left by the reporters who had just completed their coverage of the infamous Casius Clay/ Sonny Liston fight held in Lewiston a few days earlier. Needless to say, that "boxing match" provided a lot of discussion among NEWPCA members in attendance. The black flies, the long golf course, and the NEWPCA people made the meeting one to remember."

1969 - 1979



Past Presidents Breakfast, Seacrest, NH

The Association's fifth decade was one of greatly increased growth, not only in the services provided to New England members, but also in our involvement with the Federation, with national water pollution control legislation, and with regional Member Associations.

Earl R. Howard (President, 1963) recalls: "I was the sixth secretary-treasurer, from 1957 to 1961, and we were small enough in those days that I collected all the dues, typed membership lists and forwarded payments to the Federation, arranged for our meetings, kept the minutes, mailed the meeting announcements, handled the replies, and paid all the bills — truly a 'one man band'."

By the late 1960's, the sheer level of activity and responsibility of Association committees led to reorganization and also to the discussion of the need for full-time, as opposed to volunteer, Secretary. In June 1969, it was voted to separate the positions of secretary and treasurer and hire an executive secretary.

FALL MEETING, 1969 PROCEEDINGS

The fall meeting of the New England Water Pollution Control Association was held October 29 and 30 at the new Park Plaza Hotel, New Haven, Connecticut. Those attending had a good opportunity to see the product of fine city planning in the surrounding urban renewal area.

Members began to arrive early Tuesday and by Awards Dinner time, 171 were present. Final registration figures were 202 registered plus 33 ladies.

The Executive Committee met Tuesday afternoon at which time H. Carlton Moore, Consultant, Metcalf & Eddy Inc., Boston, and Edward L. Tracy, Director of Environmental Sanitation, Vermont, were voted Life Membership to the New England Water Pollution Control Association. Other Association members made an inspection visit of New Haven's East Street

sewage disposal plant. Several operators took certification examinations on Tuesday afternoon while others joined the Operators Forum on secondary treatment. Jack Kent and James Feher, Superintendent of Treatment in Greenwich and Fairfield, Connecticut, respectively, discussed the activated sludge process, while Joseph Rolo, Assistant Superintendent, and Charles Pitkat, Superintendent, of North Haven and Rockville-Vernon, respectively, discussed the trickling filter process.

The Annual Awards Dinner was presided over by President John V. Richards. Water Pollution Control Federation President-elect Joseph B. Hanlon presented the Federation Awards. The Hatfield Award was made to J. Gilmore Shea, Superintendent of Sewerage and Sewage Treatment, Nashua, New Hampshire, and Charles A. Knapp, Senior Associate, Metcalf and Eddy, Inc., received the Bedell Award. President John V. Richards presented this Association's E. Sherman Chase Award to Louis N. Lamoureux, chief sewage treatment plant operator, Attleboro, Massachusetts.

The after-dinner speaker, Mr. James Dull, Vice President of News, Radio Station WELI, was very timely and thought provoking in his "Politics 68" address. Dancing followed until midnight.

The business meeting was held Wednesday morning at which time the officers were elected who will serve in 1969:

President	<i>Francis R. Mahony, Jr.</i>
First Vice President	<i>Joseph C. Lawler</i>
Second Vice President	<i>Raymond V. Lavery</i>
Secretary-Treasurer	<i>Bruce P. Eaton</i>



Joseph C. Lawler and Joseph A. Hanlon

Asst. Sec.-Treasurer
Journal Editor
Directors

Frank T. Smith, Jr.
Donald E. Schwinn
Edward J. Bayon
Joseph W. Masselli
Adam S. Nisbet

Technical sessions on Wednesday began in combined session with a paper by Leland F. Carter of Fay, Spofford and Thorndike which described the reconstruction of the New Haven East Street Sewage Treatment Plant.

At one of the following concurrent sessions, Thomas J. Murray, Assistant Superintendent of Sewage Treatment, Westchester County, New York, spoke on sludge handling. He was followed by Paul Ferraro of the Federal Water Pollution Control Administration who revealed preliminary findings of a survey of New England wastewater treatment plant operators.



1969 Technical Session Participants

At the other concurrent session, John J. Martin, Jr., of Lancy Laboratories, Inc., described disposal of hardware manufacturing wastes. He was followed by Robert E. Hunter of E.C. Jordan Co., and Otis J. Sproul, Dept. of Civil Engineering, University of Maine, who delivered a paper on pilot plant studies for activated sludge treatment of tannery waste.

Our ladies enjoyed a guided tour through the Yale University art gallery as well as shopping in the new shops in New Haven.

The meeting concluded with the Wednesday noon luncheon.



GOVERNMENT AFFAIRS

In 1970, the Environmental Protection Agency was created, which consolidated into a single federal agency all grant-in-aid programs for the construction of wastewater collection and treatment facilities for the abatement of water pollution in the United States. NEWPCA's Legislative Affairs Committee was created in March 1970, after Association members attended the Federation's seminar in Washington, D.C. in February.

In October 1972, Congress overrode the veto of the Federal Water Pollution Control Act Amendments, which greatly increased the level of federal funding for the construction of wastewater treatment facilities; expanded planning responsibilities at all levels of government; and established a regulatory mechanism requiring uniform technology-based effluent standards, together with a national permit system for all point source discharges as a means of enforcement. These amendments gave the federal government final authority over most aspects of the program and moved it into a position to thoroughly dominate the field of water pollution control.

In 1972, the Federation held workshops in each of the 10 EPA regions to improve communication between municipal and industry system managers, consultants, and federal and state officials concerned with the implementation requirements of the 1972 Amendments. The workshops eventually led to the Government Affairs Committee's report on "PL 92-500: Certain Recommendations of the Water Pollution Control Federation for Improving the Law and Administration." More than 4,000 copies of the report were distributed to Member Associations, key officials in the EPA and other agencies, and to congressional committees and members.

This saw a substantial increase in the Association's interest and involvement in federal water pollution control issues. Meeting minutes are heavily focused on following governmental actions on and federal responses to myriad concerns surrounding water pollution control and water quality.

Dave Blake (President, 1982) recalls:

"At the NEWPCA meeting in October of 1973, held at the Colonial Hilton in Pittsfield, the membership was treated to its first presentation by Michel Deland of the USEPA discussing EPA

standards. NEWPCA is still privileged to hear the words from EPA presented by Mr. Deland, and the relationship between NEWPCA and EPA is one which has strengthened over the years."

In June 1973, Legislative Affairs Chairman Earl Howard commented that "the light dawns daily on the Clean Water Act," and stated that all who attended the Federation's workshop on PL 92-50 "have received compendiums of its fruitage....EPA is hearing, loud and clear, from a disturbed public on the matter." In October 1973, he lauded the Federation for its input into EPA's preparation of the guidelines to implement PL 92-500, and stated that Connecticut was one of three states granted approval to administer a Federal permit program based on its legislative package submitted for EPA review. He urged work with congressional representatives to get funding under the Clean Water Act implemented.

According to Charles Knapp (President, 1974), one of the Association's most successful undertaking, in 1973 and 1974, was holding "Town Meeting" seminars to explain the Federal Water Pollution Control Act and the EPA construction grants regulations. Earl Howard (President, 1963) stated in a March 1974 meeting that the Town Meeting resolu-

tions on PL 92-500 were read into the Oversight Hearings in February, and that Chairman Jim Wright had asked the EPA and states to comment.

In June 1974, Federation Director Ed Bayon reported that the Federation had been active in the PL 92-500 Oversight Hearings in Washington and that the Federation was being heard and listened to. The Executive Committee voted on his motion to notify all New England senators and representatives of the Association's support on HR 14541 (allowing EPA under Sections 203 and 204 to delegate authority to the states).

In 1975, Al Peloquin (President, 1984) reported on several developments, one of which was that revised regulations to PL 92-500 were being discussed on Capitol Hill and that Senate seemed inclined to support funding the construction grants program at a \$5 billion per year level for five years. He urged the Association to submit statements on its views on the issues to be discussed by EPA during hearings in June 1975, and stated that he was on the witness list for the New England states. The Board voted to have him present a statement on behalf of the Association.

REGIONAL MEETINGS

Despite the fact that at the September 1942 Executive Committee meeting, "it was the consensus of opinion that regional meetings were probably undesirable," the New England Association has been at the forefront of promoting and participating in regional meetings.

At the 1972 Federation meeting in Atlanta, the Board of Control approved a budget that included a new program called Member Association Regional Meetings. This program called for participation of each





Association in the United States and Canada in one regional meeting every other year. The plan was based on a recognized need to strengthen ties between the Federation and Member Associations by improving communications and effectiveness, and between the regional Associations by sharing similar ideas and problems.



On June 26 and 27, 1973, New England made history when it hosted the first of the Federation's regional meetings, in Hartford, Connecticut. A working dinner the first day had 30 participants, and the next day's meeting 32. Region I representatives from New England, New Jersey, New York, Puerto Rico and Quebec, as well as from the Federation, met to discuss a variety of topics, including membership, publications, government affairs, education, operator certification, safety, public relations and committees.

The success of these Region I meetings is evident in that not only

have they continued to be an excellent means of communications, but that they virtually have become an annual event:

1973	Hartford, Connecticut
1975	Harriman, New York
1976	Quebec, Canada
1977	San Juan, Puerto Rico
1978	Newport, Rhode Island
1979	Atlantic City, New Jersey
1980	Albany, New York
1981	Quebec, Canada
1982	San Juan, Puerto Rico
1983	Boston, Massachusetts
1984	New York, New York
1985	Atlantic City, New Jersey
1986	Quebec, Canada
1987	San Juan, Puerto Rico
1988	Hyannis, Massachusetts
1989	Atlantic City, New Jersey



Al Schiff (President, 1985) recalls:

"During one of the meetings held in Western Massachusetts, the field trip was to the newly constructed nuclear energy plant at Rowe. The guide proudly showed us through the plant and explained that everyone was prepared to activate the plant soon. Upon reaching the

main control room with its huge wall-to-wall control panel containing many gages, recorders and hundreds of white, yellow, amber, green and red lights, we were told that the entire plant was controlled from that location and that all functions were monitored immediately as indicated by the lights. Someone asked, "what does it mean when all the lights turn red at one time?" The guide without hesitation said, 'You have one-one hundredth of a millisecond to get the hell out of here'."

Dave Blake (President, 1982) recalls:

"At our annual meeting in 1977, we were privileged to be at Wentworth by the Sea, outside of Portsmouth, New Hampshire. We followed a Shriner's convention at the Inn where the Shriners apparently enjoyed themselves to the fullest with motorcycles and bands in the corridors. Needless to say, there were a lot of house-keeping personnel who were leery of this group that was coming in with the name 'Water Pollution Control.' We were a 'harmless' group but we did enjoy ourselves to the fullest as well."

1979 - 1989



Executive Committee, 1980

This decade has been one of extraordinary change and growth in the Association's membership, services and activities. Since the celebration of NEWPCA's 50th anniversary in 1979, we have realized many significant accomplishments:

- ◆ The annual meeting was formally moved to Boston in 1984, and we have seen our program expand to three full days, with registration nearing the 1,000 mark;
- ◆ The Association has over 2,000 members, has received several WPCF membership awards, and is the second largest MA in the Federation;
- ◆ We have computerized our registration and financial activities, and have a professionally and efficiently run NEWPCA office;
- ◆ We have several female chairmen and officers, reflecting the increase of women in our profession;
- ◆ We have more chairmen and committee members, who are involved in and committed to an increasing variety of issues and activities;
- ◆ We have a substantial working budget, allowing us to provide better services and programs to our members;
- ◆ Our pioneering spirit remains in the form of initiating and continuing such activities as Congressional meetings, NEWPCA lunches at WPCF meetings, and Clean Water Week celebrations;
- ◆ We are supporting and sponsoring an ever-increasing number of environmentally related programs, and our working relationship has strengthened with federal, state and local environmental

agencies, and with WPCF and other MA's ;

- ◆ We initiated two scholarship programs during the decade - The Kowsz Memorial Scholarship, established in 1979, affords operators the opportunity to increase their knowledge and skills; the NEWPCA Scholarship, established in 1988, will provide funds for undergraduate and graduate students enrolled in environmental programs in New England colleges:
- ◆ We are learning and sharing more, and are getting more involved.

◆

As the Association began the decade, there were nearly 2,000 members; 325 registrants attended the Spring 1980 meeting in Whitefield, NH; and the treasury balance was \$20,000.

◆

50TH ANNIVERSARY PROGRAM — MEETING PROCEEDINGS



The 1979 Spring Meeting was held at Wentworth-by-the-Sea in Newcastle, New Hampshire on June 17-20, 1979. The Association celebrated its 50th Anniversary with an extensive program of technical sessions, an impressive lineup of interesting speakers, and a 50th Anniversary banquet on Tuesday evening.

The guest speaker for the banquet was Martin Lang, President of WPCF. Mr. Lang cautioned against communities accepting federal grant monies without being aware of the responsibilities and expenses that go along with a local wastewater treatment facility.

The keynote speaker for the meeting was Terry W. Rothermel of Arthur D. Little, Inc., who spoke on the effects of EPA regulations on the water pollution control industry.

An Industrial Wastes session, moderated by Hamdy Bechir, was held on Monday afternoon. Three papers on "Toxicology and the Control of Toxic Pollutants" were presented: "Toxicology - A Predictive Science," by Dr. Rudy Jaeger; "EPA's Formulation of Water Criteria Based on Health Effects," by



Anne Trontell; and "Pretreatment Guidelines - Priority Pollutants," by Jeffrey Demit. Monday afternoon also featured a tour of the Durham, New Hampshire wastewater treatment plant.

Tuesday featured the keynote address, three technical sessions, a safety demonstration, an industrial plant tour, the Operator's Forum, and the banquet.



A panel discussion, moderated by Marty Weiss, presented "Other Viewpoints on Environmental Issues," and consisted of Allen Morgan, Executive Vice President of the Massachusetts Audubon Society; William Craig, Executive Vice President of the Shawmut Bank of Boston; and Joan R. Flood, Chairman of the New England Interstate Water Pollution Control Commission.



Technical Session A, moderated by Hamdy Bechir, included the following papers and speakers: "Wastewater Disinfection - Issues and Answers," by Albert D. Venosa; "High Level Ozone Disinfection for Shellfish Water Discharges," by Enos L. Stover and Robert N. Jarnis; and "Modification for the Standard Chlorine Contact Chamber," by Frederick L. Hart.

Session B was an industrial technical session moderated by Ray Murphy. Papers included; "Establishing a Local Industrial Pretreatment Program - Case History of the MDC, Boston," by George Bollier; "Pretreatment in the Chemical Industry," by Dr. Donald W. Kemp; and "Impact of Pretreatment Regulations on Industrial Sludge Management," by Dr. James T. O'Rourke.


Following lunch, a safety demonstration by James Langill on "Wastewater Treatment Chemical Safety" was presented. Tuesday afternoon also included a tour of Clemson Textile in Exeter, NH, and the Operator's Forum, moderated by Peter Churchill. The topic was "Certification of Collection System Personnel," which was discussed by panelists Edward Szymanski, Donald Pottle, William Pauk, James Martel, Michael Horne, Joseph Kosman, Daniel Garvey and Francis Fyles.

Edward Bayon presided over the 50th Anniversary Banquet on Tuesday evening, and gave a brief review of the history, accomplishments and future priorities of the Association. Many past presidents were in attendance. Adam Nisbet received a Past President's pin, and Charles Knapp a Service Award for his contributions to NEWPCA.

Wednesday morning featured an Operation and Maintenance Session moderated by Marty Weiss. Papers and speakers were: "Overview of Operations and Maintenance Problems - Alternatives," by James Suddreth; "What is EPA Doing?" by Lehn Potter; and "Manufacturer's Point of View," by Paul Eisenhardt.

LEGISLATIVE AFFAIRS

Enactment of the Clean Water Act in 1972 had authorized \$18 billion for grants to municipalities to help finance the construction of pollution control facilities, required the development of many new regulations and, in effect, changed the direction and focus of water pollution control. In an effort to involve the states with determining the direction of the program, EPA Administrator William Ruckelshaus established a committee of state and EPA Region representatives to meet routinely with EPA Headquarters staff to assist in program development. With one state and one EPA Region office from EPA's 10 region, the committee became known as the "Committee of 10."




New England's representative to Region I was Al Peloquin (President, 1984), then Executive Secretary of the New England Interstate Water Pollution Control Commission as well as a NEWPCA member, who kept the Association updated on developments. In 1974, NEWPCA hosted a public meeting, in the format of a New England "Town Meeting" to explain the provisions of the new Clean Water Act.

Through Al's participation on the Committee of 10, NEWPCA was kept abreast of developments in connection with the water pollution control program, and became more actively involved in submitting our views to Congress on a variety of issues. Testimony was frequently presented before House and Senate committees on our concerns.

Recognizing that the program was administered through EPA Region offices, NEWPCA established an EPA Liaison Committee to meet periodically with the EPA Region I Administrator, Mike Deland, and other key regional staff to establish an on-going dialogue on developments in the region. In the 1980's, the EPA Region I Administrator has been invited to participate in the opening session of our Annual Meetings to present EPA's views on current

issues, and to review the preceding year's accomplishments and projections for the future. As Federal funding and construction grants programs are being phased out and states are looking for alternatives means of supporting much-needed water pollution control projects in the 1990's and beyond, it is all the more important that NEWPCA maintains and strengthens our relationships with EPA and congressional decisionmakers, and that we continue to make our views heard.



CONGRESSIONAL MEETINGS

Because of the persistent congressional action relative to water pollution control programs and the periodic needs for appropriation of federal funds for construction grants, NEWPCA recognized the advantages of establishing an on-going dialogue with the members of the New England congressional delegation to apprise them of progress, problems and needs in the abatement and control of water pollution in New England.

On March 17, 1983, NEWPCA hosted the first of its *Congressional Breakfasts* in Washington, D.C. Attending were members of the New England delegation and key congressional aides, and NEWPCA members representing all six states. The success of that meeting made the event an annual affair.



Each year, a paper outlining the major issues of concern is prepared, and forms the basis of discussion. NEWPCA members frequently continue discussions during subsequent visits to individual congressional offices. Statistics indicate that about 70 percent of the New England delegation attended the breakfast.

The breakfasts were scheduled to coincide with the Federation's annual Government Affairs Seminar. When the Federation deferred plans for its seminar in 1988, NEWPCA changed its congressional meeting format to an evening reception and a seminar the following day, a format which will be continued in the future.



NEWPCA's efforts in meeting with the congressional delegation have resulted in the establishment of solid contacts with the office of every Senator and Congressman from New England, recognition of NEWPCA by them as having expertise and knowledge of New England's problems and needs, and the use of NEWPCA as a resource on environmental issues.

SELECT SOCIETY OF SANITARY SLUDGE SHOVELERS

The Select Society of Sanitary Sludge Shovellers (5S) was established in Arizona in October of 1940 to recognize individuals who contribute in some outstanding measure to the activities and betterment of the Member Association but have never received coveted WPCF or Member Association Awards. There are now members all over the United States and Canada, all of whom have been "selected" on the basis of merit, and inducted, initiated and integrated into the Society.



1980 Charter Members

At the October 1980 Annual Meeting, held at Sea Crest in Falmouth, Massachusetts, the following were inducted as NEWPCA 5S Charter Members:

Terrence Campbell	James W. Connell
Janet M. Cotugno	Clifton R. Grinnell
Joseph B. Hanlon	Earl R. Howard
Charles A. Knapp	Violet Knapp
Raymond C. Lynch	Francis R. Mahony, Jr.
Robert C. Marini	Robert E. McQuade
Raymond C. Murphy	Adam S. Nisbet
Robert M. Pope	George M. Reece
William A. Van Blarcom	Arthur F. Vondrik
Martin Weiss	

The following individuals have since been ceremoniously inducted:

<u>1981 - 1983</u>	<u>January 1984</u>
John S. Bethel, Jr.	Brent Herring
Donald W. Chamberlain	Salvatore Falconieri
Charles P. Ciaffone	
Emil W. Holland	<u>June 1984</u>
Bruce P. Eaton	M. Hamdy Bechir
Judy Jones	David K. Blake
Korleen Howard	Charles Button
Alfred E. Schiff	Allen F. Goulart
Alfred E. Peloquin	James C. Leu
Marge Canham *	Thomas C. McMahon
	Edward N. Nazaretian



January 1985
Paul G. Garrity *

June 1985
Edward J. Bayon
Norman Cherubino
Steven H. Corr
Glenn S. Haas
Marshall S. Lazaro
Catherine Lowery
Barbara R. Schiff
Charles Pitkat

May 1988
Quincalee Brown*
Rene DiCristina*
Jack Lagrosa*
Jan McAlpine*

June 1988
Dolores Cherubino
Ronald F. Poltak
Lorraine Sander
Charles N. Smith
Paul Taurasi

** Honorary*

January 1986
Harvey Goldman

June 1986
William T. Bahr
Robert Cutone
Linda Carroll
James J. Courchaine
Robert W. Livingston
Charlene Powell
Lester A. Sutton

June 1987
Paul Carver
Richard Drake
Beth Turner*



Subsequently, recognizing Puerto Rico's interest in establishing a Chapter, Jim Courchain, as the pH7 Influent Integrator, bestowed honorary membership in the New England Chapter on Rene DiCristina of the Puerto Rico WPCA during the Region I meeting in May 1988, thereby enabling him to install a Chapter for that Association. Dr. Quincalee Brown and Jan McAlpine of the WPCF staff and Jack Lagrosa of the New Jersey WPCA also were inducted as honorary members at the 1988 Region I meeting in appreciation of their assistance to and long-standing close association with NEWPCA.

On October 26 and 29, 1987, the Lawrence Experiment Station celebrated its 100th Anniversary, and NEWPCA was there to join in the festivities. Technical sessions were held on a variety of topics related to LES's successes over the years, and awards programs honored groups and individuals who have contributed to LES.



Among the Lawrence Experiment Station Centennial Award Citations were two of special note: one presented to NEWPCA by Tom McMahon and accepted by Ed Nazaretnian (President, 1987); and one presented

to WPCF by Ed and accepted by Beth Turner, President of WPCF. NEWPCA's citation read as follows:

*LAWRENCE EXPERIMENT STATION
CENTENNIAL AWARD CITATION*

WHEREAS: The New England Water Pollution Control Association reflects sixty years of outstanding leadership in the field, and

WHEREAS: The Association prospers by the advancement of knowledge and the exchange of professional experience, and

WHEREAS: It promotes standardized procedures in sewage sampling, safety, and record-keeping, and

WHEREAS: The Association established early, voluntary certification programs for treatment plant and collection system operators which, through joint efforts with the Massachusetts Water Works Association led to mandatory certification programs for treatment plant operation, and

WHEREAS: Professional advancement is enhanced by the Association through continued development of training resources for treatment operators,

THEREFORE: The Lawrence Experiment Station Centennial Award is hereby presented to the New England Water Pollution Control Association this twenty-sixth day of October, nineteen-hundred-eighty-seven.



THE ANNUAL MEETING MOVES TO BOSTON...

NEWPCA held its Annual Meeting in January 1984 in Boston — an historic occasion for several reasons. The Meeting drew a total of 702 registrants, the largest in the Association's history. It was successfully relocated to the Sheraton from the Westin within a 15-day period (all activities and functions had to be rearranged and printing redone), following a fire at the Westin. It was the first time registration was computerized, and even the skeptics were impressed.

Hamdy Bechir remembers: "While I was President (1981), second Vice President Al Goulart (President, 1983) advanced the idea of holding the annual meeting in Boston in January, instead of in a resort in late October as was our custom. With the help of first Vice President David Blake (President, 1982), they thoroughly researched the idea and evaluated all the options. The change to the current format proved to be a huge success...our annual meeting is an excellent technical meeting that takes it place among the best in the field."

David Blake echos: "...One of the best memories of NEWPCA that I have was working with Al Goulart to establish the Association's annual meeting in January in Boston. That meeting was the start of strengthening the Association to become one of the leaders in the Water Pollution Control Federation."

Ed Nazaretian recalls: "So many 'firsts' happened at that meeting — computerized registration with start-up glitches, holding the meeting in Boston (and reprinting all the forms, flyers and tickets), having Myra Sheinker as conference coordinator. It was hectic but fun, and I see it as the year we really became professional in how we do things."

Linda Carroll remembers: "My first introduction to NEWPCA was in January 1984, helping Ed stuff pre-registration packets. It was the first computerized operation, and seemed to be utter chaos. At the meeting itself, I had solid three days of booth duty, but remember wishing I could be 'in the fray' and work registration instead...seems like I've been in it ever since."

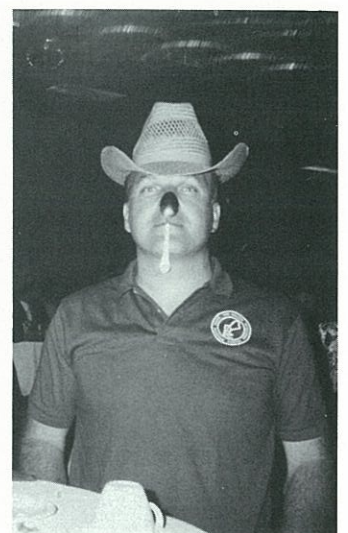
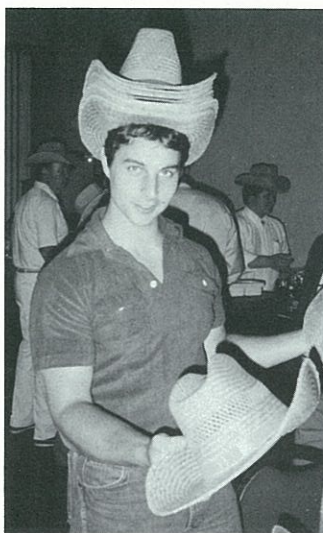
Since then, we have held our annual meetings in January at the Copley Place Marriott. The number of registrants continues to increase, as do exhibitors and speakers.

**... AND NEWPCA
MOVES TOWARDS ITS 60th
ANNIVERSARY**

Annual meetings in Boston, June meetings in a variety of locations, journals, newsletters, planning and carrying out programs, keeping an eye on legislation and legislators, sharing ideas with each other, other MA's and the Federation, reaching out to the community through education, attending and participating in technical sessions, playing golf, touring plants, working on committees — the past decade has flown by in a whirlwind of activity, perhaps best presented and remembered in selected photographs.





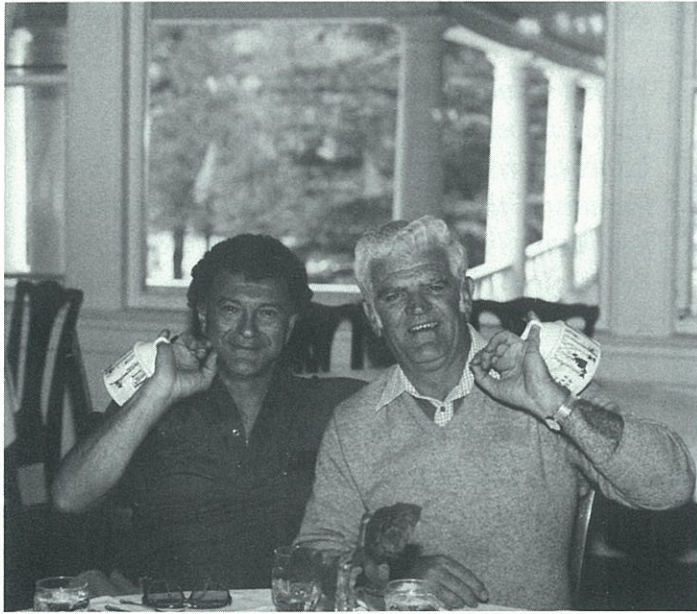




Al Schiff recalls:

With a saddened heart and a very big lump in my throat, I opened the January 1986 Awards Luncheon requesting a moment of silence in memory of the seven Astronauts who only an hour and a half previously had lost their lives in the tragic accident of the space shuttle "Challenger". However, the luncheon concluded on an up-beat note with the presentation of the Distinguished Eagle Scout Award by the Boy Scouts of America to Bob Marini. The award re-inacts the original Eagle Scout award presentation. What made our event extra special was the fact that both of Bob's parents, each more than 85 years young, took part in the ceremony the same way they did more then 25 years previously when their son received his original Eagle Scout Award.





THE ASSOCIATION AND OPERATORS

From the inception of the Association, the activities and status of sewage treatment plant operators have been of great interest and concern to the members, especially the Executive Committee.

OPERATOR SESSIONS

From the very first meeting, presentations were made on operations issues: "Value of Keeping Sewer Plant Records" (1929); "Operating Difficulties with Imhoff Tanks" (1931); "Rating of Sewage Treatment Plants according to the Adequacy of Operating Data" (1932); "Safety Methods in Sewer Work" (1933); "Occurrence and Prevention of Accidents from Sewage Gases" (1935). Many of the early meetings also included an operator's "Question Box" session. However, it was not until the early 1950's that the forerunner of a specific operators forum was established.

At the June 1951 Executive Committee meeting, it was voted to hold a concurrent session

and round-table discussion for operators at the Fall 1951 meeting, with the topic "What's Wrong with My Plant?". At the Spring 1952 meeting, a similar session on "What's Right with My Plant?" was also held. This was the beginning of specific operator-related sessions at spring and fall meetings. Today, operator sessions encompass a variety of topics, including role-playing to simulate and address real-life situations.

Dave Blake (President, 1982) recalls:

"In June, 1975 as Program Chairman for NEWPCA, I had the opportunity to work with members of the New York Water Pollution Control Association to prepare the second joint meeting between the two associations. This meeting was held at the Whiteface Inn in Lake Placid. It was at that meeting that New England was able to treat the New York operators to one of our old fashioned operators forums. It was a forum in which the treatment plant operators were able to express their feelings, concerns, and recommendations about treatment plants as it related to design, construction, and type of equipment. Today, these forums have evolved into informative sessions for all members of NEWPCA and not just the operators."



Operator Forum, 1980

OPERATOR TRAINING

As early as May 1933, it was suggested that the Association conduct a school for operators, and a committee was formed to study the concept. While the idea was shelved in December 1933, by the spring of 1951, a short course for plant operators was given at the University of Massachusetts, and was given again in April 1952.

These courses continued to be given on an intermittent basis. Starting in 1967, the New England Interstate Water Pollution Control Commission (NEIWPCC) initiated a regular program of upgrade training for operators. Through a contract with the Neosho Waste-

water Institute in Missouri, a variety of courses were offered at the Civil Defense Training Academy in Topsfield, Massachusetts. In 1969, the New England Regional Wastewater Institute (NERWI) was established by the NEIWPCC on the campus of the Southern Maine Vocational Technical Institute in South Portland where entry level and skill upgrading courses were offered. In the early 1970's, NERWI implemented a mobile training program under which training was taken directly to treatment plants throughout New England. At this point, NEWPCA relied on the professional teaching capabilities of NERWI staff for operator training.

With more and more attention being devoted to the proper operation of treatment facilities and a recognition of the skill levels needed to achieve that goal, in the late 1970's EPA awarded NEWPCA a demonstration grant designed to offer training in all six New England states under the sponsorship of an instructor who had responsibility for assembling, scheduling and giving a course in wastewater treatment technology, and who would be reimbursed for his/her efforts from the grant funds. These training activities were coordinated with NERWI and, upon completion of the grant program, all



NEIWPCC Operator Course, 1968

materials acquired during the program were transferred to NERWI's Instructional Resource Center and are available, on request, for training purposes.

In recent years, on-going training efforts have been supplemented by NEWPCA through programs offered at Annual and Spring meetings, which qualify participants for Continuing Education Units. In 1986, NEWPCA's Plant Operations Committee

initiated an Operator Exchange Program under which an operator from a plant in a given state spends three days working with an operator in a plant in a different state, for the purpose of on-site information exchange.

OPERATOR RECOGNITION

Throughout the years, the Executive Committee also promoted the Association's involvement in submitting operator annual reports to the Federation for awards. In April 1943, it was decided to have a competition first within the Association, with an award of \$10 plus a certificate of merit. The winner then would qualify for a Federation award. In fact, at the Fall 1943 meeting, the Operators' Report Committee presented the first awards for the best operation reports: George H. Craemer, Hartford, Connecticut — \$5.00 and a certificate of merit; Walter Kunsch, former operator of the Danbury, Connecticut plant — \$3.00; and John Szymanski of New Britain, Connecticut — \$2.00.

At the May 1944 meeting "it was decided to continue the prize awards for operators' annual reports, although the response from the operators has been very poor. The Executive Committee instructed the Secretary to send a letter each year to the operators in the Association advising them of these awards. It was also suggested by Mr. Wisely (Secretary of the Federation) that a guide for opera-

tors in the preparation of annual reports would be very helpful.

At the September 1944 meeting, awards were again presented to operators for outstanding annual reports: John H. Brooks, Jr., Superintendent of Sewers, Worcester, Massachusetts; John R. Szymanski, Superintendent of the New Britain, Connecticut plant; and Paul V. Fleming, Superintendent of the North Adams, Massachusetts plant.

At the June 1951 Executive committee meeting, the Chairman of the Operators' Reports Committee stated that, because of lack of interest, he questioned whether the committee should be dropped. It was voted that the annual competition should be discontinued unless five reports were submitted for 1951's contest. (They were not).

However, since the late 1950's - and especially during the past two decades - NEWPCA has been very active in recognizing the achievements of operators through a number of Federation and Association awards, and the Quarter Century Operators' Club. In addition, in 1987, EPA began its O & M awards program, and winners are recognized at our Annual Awards Luncheon.



Charlene Powell and Ed Nazaretian congratulate William Carter, the 1988 Safety Committee T-shirt Design Contest winner

OPERATOR CERTIFICATION

In 1933, Connecticut had a state law requiring operators of wastewater treatment plants to be approved by the Connecticut State Department of Health; however, by the mid-1950's, it had become fully evident that to maintain a high degree of ability, impart to the profession the dignity and respect due it, help develop salaries commensurate with the job skills and responsibilities, and protect the safety and welfare of operators and the general public, some means of rating plant operators was needed. A committee was established to investigate and develop a

voluntary operator certification program. After many months of work and preparation, the committee submitted its report and program at the Fall 1957 meeting, where it was adopted.

A direct outgrowth of this program in Massachusetts was a joint effort by the Association, through the Certification Committee's Massachusetts subcommittee and the Massachusetts Water Works Association, to have the state legislature enact a bill establishing a state voluntary certification program for skilled workers in water departments and for water and wastewater treatment plant operators. Subsequently, with the tremendous growth in water pollution control facilities in New England and the greater involvement of state and federal agencies in this growth, mandatory certification was adopted by all of the New England states. Although this weakened the Association's Voluntary Certification Program considerably, it still is offered, because operators feel that a New England certificate commands recognition and respect.

Today, close to 1,000 treatment plant operators have been certified.

At the June 1979 NEWPCA meeting, the subject of the Operator's Forum was the certification of collection system personnel, presented by the Ad Hoc Committee on Collection Systems Operator Certification, chaired by Peter Churchill, with Edward Szymanski, Don Pottle, William Pauk, James Martel, Michael Horne, Joseph Kosman, Daniel Garvey and Sandy Fyles as committee members. On August 30, 1979, the Executive Committee approved the establishment of a voluntary certification program for wastewater collection system operators, under the direction of NEWPCA's Voluntary Certification Committee. Today, close to 800 New England collection systems operators have been certified.



OPERATOR PUBLICATIONS

With the growing number of treatment plants and operators, there was a movement among operators to establish local groups, which would meet more frequently during the year to discuss topics of local concern. Recognizing the need for these groups and the opportunity of extending technical and educa-

tional assistance to them, the Association voted the "Affiliate Membership" category, so that operators could join at reduced rates. New England was one of the first Member Associations to recognize this group's potential. The Federation, under our own Joe Hanlon's guidance, developed "Deeds & Data", which was geared toward operations, maintenance and management personnel, and which was the forerunner of today's Operations Forum magazine. The goals of the publication were stated by WPCF President Hanlon in its first edition (June 1970):

"Effective operation and maintenance of all new wastewater treatment plants are now prerequisites for federal grant approval. Also, the need to improve and upgrade the operating standards of all existing installations is demanded. We at the Federation accept this challenge and look forward to contributing to this effort with greatly expanded services to our operator membership and the entire water pollution control industry."

STATE OPERATOR ASSOCIATION INVOLVEMENT — THE 1980'S

Because there has long existed in New England a separate association in each state to which many operators of municipal treatment plants belong, many of their members do not see a need to belong to NEWPCA. On the other hand, NEWPCA has always recognized the importance of the operator segment of the wastewater treatment industry and has encouraged coordination of activities between NEWPCA and the State Associations. To maximize this coordination, NEWPCA's State Directors provide a continuing liaison between NEWPCA and the State Association. To encourage improved operation and maintenance of treatment works, NEWPCA established an Operators Award in 1983 to recognize the efforts of individuals whose personal service has contributed to excellence in plant operations. The award is presented annually to an individual in each of the six New England States at the State Associations' annual meeting.

With the proposed establishment by the Water Pollution Control Federation of the Professional Wastewater Operations Division in the early 1980's, NEWPCA President

Allen Goulart scheduled a meeting of the State Association Presidents during NEWPCA's Annual Meeting in January 1983 to provide a forum for discussion of the proposal between the State Associations, NEWPCA and Federal representatives. The enthusiasm of all involved in this meeting resulted in a continuation of the practice. Annually, the State Association Presidents, the NEWPCA officers and WPCF representatives meet during NEWPCA's Annual Meeting to discuss issue of mutual concern. NEWPCA has also contributed financially in support of some State Association special activities. With the establishment of WPCF Professional Wastewater Operations Division, NEWPCA's Zone Representative to the Division provides an added level of coordination and assistance.

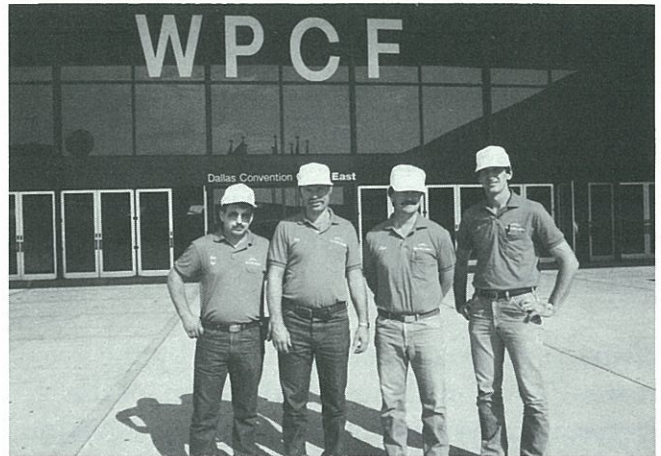


Mike Grove, MWWCA President, accepts the 1988 Chase Award.

In October 1988, NEWPCA sponsored a New England team to the Federation's "Operations Challenge" competition held as part of the Annual Conference in Dallas. Teams from Maine and Massachusetts had competed against each other in August to determine NEWPCA's representative at the national challenge. The Maine team consisted of Patrick Cloutier, John Hart, Gary Howard and Mark Lorello; the Massachusetts team included John Arthur, Tom Azevedo, Robert Rack and Dennis Whitmore. The Maine team went on to Dallas, and finished a very respectable 6th out of 23 competing teams from all over the country. Financial support for the NEWPCA team came from the Association and from several consultants, suppliers and contractors:

AOS Services Inc.
 Dufresne Henry, Inc.
 Dukes Sales & Service, Inc.
 Eastern Pipe Service Inc.
 P. A. Glazier, Inc.
 Haley & Ward, Inc.
 Hydropress, Inc.
 Insituform of New England, Inc.
 E. C. Jordan Co.
 LEA Group
 The Maher Corporation
 Metcalf & Eddy, Inc.

RJN Environmental Associates
 SEA Consultants Inc.
 David F. Sullivan & Associates
 Sybron Chemicals Inc.
 Utility Pipeline Services, Inc.
 Whitman & Howard, Inc.



"Mainely New England" in Dallas



NEW ENGLAND AND THE FEDERATION

The New England Association came into being as an independent (and somewhat maverick) group, and that “Yankee” independence has continued throughout our history.

Our determined, and sometimes stubborn, approach to what is best for New England can be seen in the Association records from the early days. That approach continues to this day, although it is (and always has been) tempered by a spirit of compromise and cooperation — more importantly, that approach is driven by our belief that, if we have a better idea, we are not hesitant to promote it. In fact, some of our ideas, which may have seemed even bull-headed at the time, contributed to the betterment of the New England Association and, even in small part, to that of the Federation.

As a charter association, along with Arizona, California, Central States, Iowa, Maryland, Pennsylvania, Texas, Missouri, New Jersey, New York, North Carolina and Oklahoma, New England organized its executive committee, constitution, and policies to follow

the Federation’s structure. The 40 men who became charter members of the Association in 1929 became members of the Federation at the same time. All constitutional amendments, elections and appointment were in keeping with Federation guidelines.

In 1940, however, came some glimmerings of that “Yankee independence.” The Federation had reorganized, due to the increase in the number of members and the need to further formalize its structure. Some Member Associations were concerned that a stronger national organization might take away some of the rights and powers of the local organizations. However, an editorial in the June 1940 Sewage Works Journal stated “the growth of these various associations, each with its distinctive characteristics, has been the main feature of strength of the Federation and the plan has been too successful to warrant tampering with it.” Issues facing the Federation, and the Associations, included a new dues structure, affiliate memberships, how to encourage lower-income operators to join, and the establishment of a dedicated headquarters office.

The new constitution incorporated significant changes: dues for active members were doubled (from \$1.50 to \$3.00), and each Member association could have only one director on the Board of Control, instead of two.

Enter New England. During the Executive Committee meeting of May 1940, *"there was considerable discussion concerning the new constitution of the Federation. There was a feeling that any substantial increase in Federation dues would be unacceptable to the committee. Before taking any definite stand, it was decided to await the report of Mr. Gilcreas who is a member of the (Federation's) reorganization committee. . . It was voted by the executive committee to investigate the cost and practicability of editing our own journal (a special committee was established, with Leonard W. Trager, Federation Director 1941, appointed chairman)... A report by the committee would be of value in the event we decided to withdraw from the Federation and conduct our own affairs."*

And at the Executive Committee meeting in October 1940: *"There was considerable discussion concerning the new constitution of the Federation. Mr. Gilcreas explained the rates and developments and stated that the new revised constitution would provide a fee of \$3.00 for*

membership in the Federation. It would be left to the local associations what charges they care to make to their members and also any classifications they care to establish."

And in April 1941: *"Mr. Trager gave a progress report of his committee studying the advisability of this Association editing its own journal. Mr. Trager stated that he felt there was no question that such a journal would be financially successful and that no difficulty would be experienced in obtaining papers. However, it was decided by the executive committee that the findings of this committee would be considered as a progress report, pending the trend taken by the Sewage Works Journal edited by the Federation. It was the feeling of the executive committee that the Sewage Works Journal should have more articles for operators and more on general practical sewage plant operation, and that if improvements were not made in the Journal, we should edit our own publication."*

NOTE: Of course, NEWPCA members still receive the Federation Journal (as well as Highlights), and New England has been publishing its own journal since 1967. However, the "trend" did change in that "Deeds and Data" (developed by our own Joe Hanlon) - and later Operations Forum - were created as publications geared toward operators.

New England received a response from Federation President Arthur Bedell, which was presented at the Executive Committee meeting in September 1942:

It is apparent that under the present wartime conditions it would be difficult if not impossible to plan too far ahead or to plan too idealistically for geographical coverage for these conventions. If a Federation convention is held in 1943 it is probable that the paramount consideration will be the ease of access on public carriers and the necessity of staying near the larger centers of population rather than the matter of adequate geographical coverage of the country.

Will you please convey to the Executive Committee... the assurance that their letter will be brought to the attention of the convention place committee at the time of their meeting in October... "

Today, this conflict does not exist, as NEWPCA meetings do not coincide with Federation conferences. Further, although a future WPCF conference in Boston does not look promising, we are pursuing the idea of getting a WPCF Speciality Conference in New England.

Through many ups and downs in our relationship with the Federation, one thing is clear: as NEWPCA has become increasingly active, we are a highly respected voice in the

Federation and are recognized as a leader among Member Associations. During the past decade, we have strengthened our ties with the Federation, and have played a more aggressive role in Federation affairs:

◆ NEWPCA has always had members on Federation committees, and this continues today. For example, Bob Cutone's role as Chairman of the WPCF Membership Committee has put NEWPCA in the forefront as a "go-getter." NEWPCA is strongly represented on the WPCF Collections Systems Committee through the work of Glenn Haas, Charlie Button, Jim Courchaine, Anne Dobkowski and Steve Corr. Bill Hill, a long-time participant in O&M activities, is the new Chairman of the WPCF Publications Committee.

NEWPCA has been asked by WPCF to serve in the capacity of coordinator for Region I public education activities, and Helen Gallahue will take the lead in this area. Finally, NEWPCA members are well-represented in other areas, such as developing programs, presenting papers and serving as moderators at WPCF technical sessions.

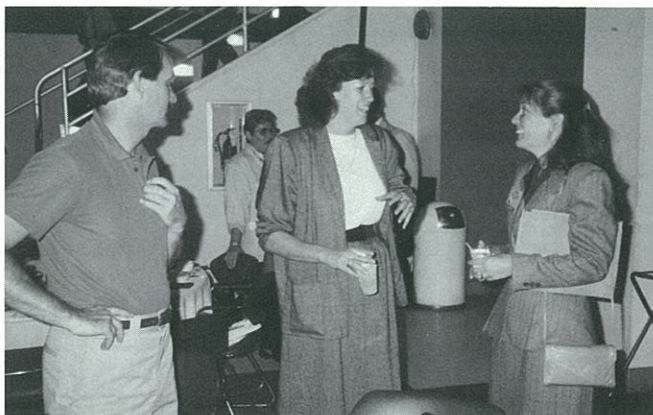
◆ We have not always agreed with the Federation's views, and have made ourselves heard. For example, NEWPCA, through Dave Blake, opposed WPCF's support in 1982 of the phase-out of the Construction Grants Program; and Directors Dave Blake and Hamdy Bechir opposed WPCF's stand on the franchising issue in 1986.



◆ However, we have helped the Federation by keeping it advised on issues that have affected us and which may affect other Member Associations, such as IRS audits and liability insurance.

◆ We have taken the initiative in areas affecting our Association and the water

pollution control field, such as promoting Clean Water Week celebrations, holding annual meetings with New England congressional delegations, playing a strong role in Region I meetings, and having a strong attendance at WPCF annual meetings, coupled with holding our own NEWPCA lunches.





◆ We continue to have solid relationships with associated groups such as NEIWPCC, NERWI and EPA Region I, so that our combined concerns are expressed and our message heard.

In the next decade, we must continue to strengthen our relationship with the Federation, and to make ourselves heard on issues which are important to us, both as New Englanders and as water pollution control professionals. Our task is not only to keep NEWPCA strong and active on a national level, but also to participate as individuals in Federation activities. And, last but not least, a major goal should be to have a NEWPCA member become WPCF President in the 1990's.

ASSOCIATION FUTURE

As we celebrate NEWPCA's 60th Anniversary, we are a vital, strong and dynamic organization that serves the needs of our members - individuals whose interests and concerns span a wide range of issues. We can, and should, congratulate ourselves on the progress we have achieved! But as we begin a new decade, we also must continue to strive for increased strength and growth within the Association and Federation, and for continued leadership in the water pollution control field.

◆ On April 11, 1989, we will host our 9th annual Congressional reception in Washington, D.C. We must strive to further our relationship with decisionmakers, on behalf of the New England states' local concerns, and also on behalf of WPCF as a resource on water pollution control issues. We also must continue to work with state and local agencies and groups to assist them in any way we can.

◆ We now have the strongest annual meeting format and the highest level of attendance and participation in our history. Our January 1989 Annual Meeting

has 20 sessions, over 70 papers and workshops, 90 exhibitors, and an expected attendance of 1,000. We must strive to attract new members and keep the ones we have - and the only way to do this is to continue to offer our members the best services, information and opportunities. In addition, we must expand our areas of technical concern to include an increased range of issues affecting water quality: hazardous and toxic wastes (including household wastes), community planning and land use, water resources, and groundwater pollution.

◆ We have the support of an extremely capable Executive Director, who makes the work that needs to be done by the President, officers and committee chairmen much more realistic and efficient. However, each of us who has taken on the task of serving NEWPCA must strive to meet our obligations and help each other make NEWPCA the best it can be - and better.

◆ We began the 1979-1989 decade by establishing the Kowz Memorial Scholar-

ship, and will begin the 1989-1999 decade by instituting a new scholarship program. We must continue to seek ways to assist our members in achieving their professional goals with programs such as these.

◆ NEWPCA and WPCF have for many years recognized the need to inform and educate the general public on issues affecting the environment. WPCF's Public Education Committee has made great strides in producing written and audio-visual materials on a variety of issues, which are available for our use - but we must use them! NEWPCA has had success in assisting Maine and Rhode Island in holding Clean Water Week observances, and we should encourage the other New England states to hold similar annual programs. We must more formally and deliberately take our message to the schools, the media and the general public, as well as to people in our profession. It is encouraging that WPCF has asked NEWPCA to act as Region I coordinator for public education - this gives us an opportunity to gain both additional support from the Federation and to take the lead in implementing successful programs.

These are long-term and far-reaching goals, but I am confident that we can achieve them, by continuing to tap the excellent resources that are available to us - the members of NEWPCA and their commitment to their Association and their profession.

Robert J. Norwood
President-Elect, 1989

MEETING SITES

Spring 1929	Hotel Bond - Hartford, CT	Spring 1945	Hotel Statler - Boston, MA
Annual 1929	Hotel Bancroft - Worcester, MA	Annual 1945	Hotel Kimball - Springfield, MA
Spring 1930	Hotel Statler - Boston, MA	Spring 1946	Pickwick Arms Hotel - Greenwich, CT
Annual 1930	Hotel Raymond - Fitchburg, MA	Annual 1946	Hotel Weldon - Greenfield, MA
Spring 1931	Hotel Bond - Hartford, CT	Spring 1947 *	Hotel Ten Eyck - Albany, NY
Annual 1931	Sewer Maintenance - Providence, RI	Annual 1947	Ocean Beach Park - New London, CT
Spring 1932	Hotel Bradford - Boston, MA	Spring 1948	Marlboro Country Club - Marlboro, MA
Annual 1932	Stratfield Hotel - Bridgeport, CT	Annual 1948	Hotel Viking - Newport, RI
Spring 1933	Blackstone Hotel - Woonsocket, RI	Spring 1949	Lake Compounce - Bristol, CT
Annual 1933	Hotel Bancroft - Worcester, MA	Annual 1949	Hotel Statler - Boston, MA
Spring 1934	Pickwick Arms Hotel - Greenwich, CT	Spring 1950	Hotel Sheraton - Worcester, MA
Annual 1934	Biltmore Hotel - Providence, RI	Annual 1950	Hotel Stratfield - Bridgeport, CT
Spring 1935	Hotel Continental - Cambridge, MA	Spring 1951 *	Hotel Kimball - Springfield, MA
Annual 1935 *	Hotel Van Curler - Schenectady, NY	Annual 1951	Sheraton-Biltmore Hotel - Providence, RI
Spring 1936	Hotel Bond - Hartford, CT	Spring 1952	Hotel Elton - Waterbury, CT
Annual 1936	Hotel Wendell - Pittsfield, MA	Annual 1952	Taunton Inn - Taunton, MA
Spring 1937	Biltmore Hotel - Providence, RI	Spring 1953	Laconia Tavern - Laconia, NH
Annual 1937	Hotel Bancroft - Worcester, MA	Annual 1953	Wannamoissett Country Club - E. Providence, RI
Spring 1938	Hotel Green - Danbury, CT	Spring 1954	Hotel Somerset - Boston, MA
Annual 1938 *	Hotel Bond - Hartford, CT	Annual 1954	Patterson Country Club - Fairfield, CT
Spring 1939	Springfield Country Club - Springfield, MA	Spring 1955 *	Hotel Ten Eyck - Albany, NY
Annual 1939	Toy Town Tavern - Winchendon, MA	Annual 1955	Woodland Golf Club - Auburndale, MA
Spring 1940	Higgins Inn - Middletown, CT	Spring 1956	University of Connecticut - Storrs, CT
Annual 1940	Hotel Kimball - Springfield, MA	Annual 1956	Hotel Weldon - Greenfield, MA
Spring 1941	Hotel Statler - Boston, MA	Spring 1957	Hotel Viking - Newport, RI
Annual 1941	Biltmore Hotel - Providence, RI	Annual 1957	John Hancock - Boston, MA
Spring 1942	Hotel Bradford - Boston, MA	Spring 1958	Colonial Hotel - Gardner, MA
Annual 1942	Hotel Kimball - Springfield, MA		
Spring 1943	Hotel Garde - New Haven, CT		
Annual 1943	Parker House - Boston, MA		
Spring 1944	Hotel Kimball - Springfield, MA		
Annual 1944	Hotel Bancroft - Worcester, MA		

** Joint meeting with New York NYWPCA*

Annual 1958	Statler-Hilton - Hartford, CT	Spring 1973	Mountain View House - Whitefield, NH
Spring 1959	Exeter & Durham, NH	Annual 1973	Colonial Hilton Inn - Pittsfield, MA
Annual 1959	Sheraton-Biltmore Hotel - Providence, RI	Spring 1974	The Colony - Kennebunkport, ME
Spring 1960	Sheraton-Kimball - Springfield, MA	Annual 1974	Holiday Inn - Hartford, CT
Annual 1960	Hotel Taft - New Haven, CT	Spring 1975 *	Whiteface Inn - Lake Placid, NY
Spring 1961	Snow Inn - Harwichport, MA	Annual 1975	Sheraton Islander - Newport, RI
Annual 1961	Hotel Northampton - Northampton, MA	Spring 1976	The Balsams - Dixville Notch, NH
Spring 1962	Wentworth-by-the-Sea - Newcastle, NH	Annual 1976	Wychmere Club - Harwichport, MA
Annual 1962	Colony Motor Hotel - Cranston, RI	Spring 1977	Mountain View House - Whitefield, NH
Spring 1963	Griswold Hotel - Groton, CT	Annual 1977	Wentworth-by-the-Sea - Newcastle, NH
Annual 1963	Mount Snow - Dover, VT	Spring 1978	Mount Washington Hotel - Bretton Woods, NH
Spring 1964	Hotel Belmont - W. Harwich, MA	Annual 1978	Sheraton Islander - Newport, RI
Annual 1964	Jug End - S. Egremont, MA	Spring 1979	Wentworth-by-the-Sea - Newcastle, NH
Spring 1965	Poland Springs House - Poland Springs, ME	Annual 1979	Holiday Inn - Portland, ME
Annual 1965	Hotel America - Hartford, CT	Spring 1980	Mountain View House - Whitefield, NH
Spring 1966 *	Kutshers Country Club - Monticello, NY	Annual 1980	Sea Crest - Falmouth, MA
Annual 1966	Sheraton Hotel - Boston, MA	Spring 1981	Smuggler's Notch - Jeffersonville, VT
Spring 1967	Hotel Belmont - W. Harwich, MA	Annual 1981	Mountain View House - Whitefield, NH
Annual 1967	Whitehouse Inn - Chicopee, MA	Spring 1982	Mount Washington Hotel - Bretton Woods, NH
Spring 1968	Lake Tarleton Club - Pike, NH	Annual 1982	Dunfey's Resort - Hyannis, MA
Annual 1968	Park Plaza Hotel - New Haven, CT	Spring 1983	Lake Morey Inn - Fairlee, VT
Spring 1969	The Equinox - Manchester, VT	Annual 1984	Sheraton Boston - Boston, MA
Annual 1969	Colonial Inn - Lynnfield, MA	Spring 1984 *	Dunfey's Resort - Hyannis, MA
Spring 1970	Provincetown Inn - Provincetown, MA	Annual 1985	Marriott Copley Place - Boston, MA
Annual 1970	Sheraton Boston - Boston, MA	Spring 1985	The Balsam's - Dixville Notch, NH
Spring 1971	Jug End - S. Egremont, MA	Annual 1986	Marriott Copley Place - Boston, MA
Annual 1971	Sheraton Islander - Newport, RI	Spring 1986	Mount Washington Hotel - Bretton Woods, NH
Spring 1972	Stratton Mountain Inn - Stratton Mountain, VT	Annual 1987	Marriott Copley Place - Boston, MA
Annual 1972	Dunfey's Resort - Hyannis, MA	Spring 1987	Tara Hyannis Hotel - Hyannis, MA
		Annual 1988	Marriott Copley Place - Boston, MA
		Spring 1988	Samoset Resort - Rockport, ME
		Annual 1989	Marriott Copley Place - Boston, MA
		Spring 1989	Mystic Hilton - Mystic, CT

NEWPCA PRESIDENTS

1929	Stuart E. Coburn*	1960	Walter M. Kunsch*
1930	Stuart E. Coburn*	1961	Joseph B. Hanlon
1931	Warren J. Scott*	1962	Howard F. Carpenter
1932	Roy S. Lamphear*	1963	Earl R. Howard
1933	Roy S. Lamphear*	1964	John S. Bethel
1934	Julius W. Bugbee*	1965	John R. Masterson*
1935	Gordon M. Fair*	1966	Roland S. Burlingame*
1936	Guy E. Griffin*	1967	Merwin E. Hupfer
1937	Stephen DeM. Gage*	1968	John V. Richards
1938	John H. Brooks*	1969	Francis R. Mahony
1939	F. Wellington Gilcreas*	1970	Joseph C. Lawler*
1940	Arthur D. Weston*	1971	Raymond V. Lavery
1941	Walter J. Shea*	1973	Bruce P. Eaton
1942	Samuel M. Elsworth*	1972	Hagop Boghosian
1943	Roscoe H. Suttie *	1974	Charles A. Knapp
1944	Joseph A. Muldoon*	1975	Robert M. Pope
1945	Frank L. Flood*	1976	Robert E. McQuade
1946	George H. Cramer*	1977	Edward A. Kowsz*
1947	Thomas R. Camp*	1978	Adam S. Nisbet
1948	Leroy W. VanKleeck*	1979	Edward J. Bayon
1949	Walter H. Brown*	1980	Martin Weiss
1950	Ralph W. Horne*	1981	M. Hamdy Bechir
1951	William S. Wise*	1982	David K. Blake
1952	E. Sherman Chase*	1983	Allen F. Goulart
1953	Eugen L. Bond*	1984	Alfred E. Peloquin
1954	Charles G. Hammann*	1985	Alfred J. Schiff
1955	Walter E. Merrill*	1986	Robert W. Livingston
1956	J. Henry L. Giles*	1987	Edward N. Nazaretian
1957	Clair N. Sawyer*	1988	Dennis Keschl
1958	John D. McDonald		
1959	Henry F. Munroe*		

*Deceased



FEDERATION PRESIDENTS

<i>E. Sherman Chase</i>	1952-1953
<i>Joseph B. Hanlon</i>	1969-1970

SECRETARY/TREASURERS

<i>F. Wellington Gilcreas (Secretary)</i>	1929-1931
<i>Roscoe H. Suttie (Treasurer)</i>	1929-1931
<i>F. Wellington Gilcreas</i>	1931-1938
<i>LeRoy W. VanKleeck</i>	1939-1945
<i>Walter E. Merrill</i>	1946-1952
<i>Stephen M. Hurley</i>	1953-1954
<i>Henry F. Munroe</i>	1955-1956
<i>Earl R. Howard</i>	1957-1961
<i>Richard F. Greeley</i>	1961-1967
<i>Bruce P. Eaton</i>	1968-1969
<i>John R. Masterson</i>	1970-1973
<i>George T. Curley</i>	1974-1975
<i>Clifton R. Grinnell (Treasurer)</i>	1976-1985

EXECUTIVE SECRETARIES/DIRECTORS

<i>Aldene E. Gordon</i>	1973-1984
<i>Ronald B. Hunte</i>	1984-1985
<i>Alfred E. Peloquin</i>	1986-

WPCF HONORS AND AWARDS

THE ARTHUR SIDNEY BEDELL AWARD

To acknowledge extraordinary personal service to the Member Associations, the Arthur Sidney Bedell Award was established in 1948. Each Member Association is privileged to name one of its members to receive this award, which may be based on organizational leadership, administrative service, membership activity, stimulation of technical functions, or similar participation. The frequency of nomination varies from annually to once in three years, depending on membership. The award is named for the second President of the Federation, who exemplified its purpose by his long devotion and service to the New York Sewage and Industrial Wastes Association, now the New York Water Pollution Control Association.

<i>LeRoy Winfield Van Kleeck</i>	1950
<i>Walter E. Merrill</i>	1953
<i>Steven M. Hurley, Jr.</i>	1956
<i>Henry F. Munroe</i>	1957

<i>Walter M. Kunsch</i>	1959
<i>Earl R. Howard</i>	1960
<i>Clair N. Sawyer</i>	1962
<i>Frank L. Heaney</i>	1963
<i>Roland S. Burlingame</i>	1964
<i>Walter H. Brown</i>	1965
<i>Joseph B. Hanlon</i>	1966
<i>James W. Connell</i>	1967
<i>Charles A. Knapp</i>	1968
<i>Richard F. Greeley</i>	1969
<i>John R. Masterseon</i>	1970
<i>Robert M. Pope</i>	1971
<i>Wilbur J. Widmer</i>	1972
<i>Edward J. Bayon</i>	1973
<i>Donald E. Schwinn</i>	1974
<i>Francis R. Mahony, Jr.</i>	1975
<i>George T. Curley, Jr.</i>	1976
<i>Richard M. Ryan</i>	1977
<i>Bruce P. Eaton</i>	1978
<i>Alfred E. Peloquin</i>	1979
<i>Raymond C. Murphy</i>	1980
<i>Clifton R. Grinnell</i>	1981
<i>William A. Van Blarcom</i>	1982
<i>Raymond V. Lavery</i>	1983
<i>Michael D. Giggey</i>	1984
<i>Brent R. Herring</i>	1985
<i>David K. Blake</i>	1986
<i>Catherine N. Lowery</i>	1987
<i>Allen F. Goulart</i>	1988

THE WILLIAM D. HATFIELD AWARD

For the years 1946 through 1954, the William D. Hatfield Award recognized outstanding annual reports on wastewater treatment plant operation. After the first year, awards were made on the basis of plants serving (I) less than 10,000 population, (II) population of 10,000 to 100,000, and (III) populations of more than 100,000.

The following NEWPCA members have been presented the Hatfield Award:

<i>George H. Crawmer</i>	1956
<i>Walter C. Anderson</i>	1957
<i>Clarence V. Hickey</i>	1959
<i>Steven A. Stankey</i>	1960
<i>Walter E. Thompson</i>	1962
<i>Ernest J. Munroe</i>	1963
<i>Paul R. Manter</i>	1964
<i>Paul A. Kelley</i>	1965
<i>Alvin L. Bean</i>	1966
<i>Timothy J. Murphy</i>	1967
<i>J. Gilmore Shea</i>	1968
<i>Anthony Ventetuolo</i>	1969
<i>John D. Roberts</i>	1970
<i>John Joseph Hartley</i>	1971
<i>James W. Connell</i>	1972

<i>Gordon Lambert</i>	1973
<i>Martin Weiss</i>	1974
<i>Anthony Ventetuolo</i>	1975
<i>Raymond C. Field</i>	1976
<i>James M. Dostal</i>	1977
<i>Thomas G. Thompson</i>	1978
<i>William Finenco</i>	1979
<i>Charles A. Pitkat</i>	1980
<i>Thomas S. Newton</i>	1981
<i>Emil W. Holland</i>	1982
<i>Harry Jackson</i>	1983
<i>Raymond J. Lynch</i>	1984
<i>Eric Teittinen</i>	1985
<i>Jeannette A. Semon</i>	1986
<i>George A. Ravenscroft</i>	1987
<i>Robert Gaipo</i>	1988

THE GEORGE W. BURKE, JR. AWARD

The George W. Burke, Jr. Award is presented annually to treatment facilities which develop and actively maintain outstanding safety programs. This award was established in 1982 in honor of George W. Burke, Jr., for his many years of service both to the water pollution control field and the Federation as staff manager of technical services.

<i>Somersworth, NH</i>	
<i>Treatment Plant</i>	1983
<i>Paris Utility District Treatment</i>	
<i>Plant-South Maine</i>	1984
<i>Advanced Wastewater Treatment</i>	
<i>Facility, Rockland, MA</i>	1985
<i>The Maine Wastewater Control</i>	
<i>Association</i>	1986
<i>Upper Blackstone Water Pollution</i>	
<i>Abatement District</i>	1987
<i>Manchester, NH</i>	
<i>Treatment Facility</i>	1988

THE HARRISON PRESCOTT EDDY MEDAL

The Harrison Prescott Eddy Medal is awarded annually to a member of any Member Association of the Federation for outstanding research contributing in an important degree to the existing knowledge of the fundamental principles or processes of wastewater treatment, as comprehensively described and published during any stated year in the Federation Journal. The award commemorates Harrison Prescott Eddy, a famous engineer in the art of wastewater treatment.

<i>Clair N. Sawyer</i>	1972
<i>Thomas C. McMahon</i>	1972
<i>Harry E. Wild, Jr.</i>	1972

THE GEORGE BRADLEY GASCOIGNE MEDAL

The George Bradley Gascoigne Medal is awarded annually to a member of any Member Association of the Federation for outstanding contribution to the art of wastewater treatment plant operation through the successful solution of important and complicated operational problems, as comprehensively described and published during any stated year in the Federation Journal. This award is in the memory of George Bradley Gascoigne, a prominent consultant from 1922 to 1940, who demonstrated an unusual interest in the operation of wastewater treatment.

<i>John D. McDonald</i>	1945
<i>Leroy W. Van Kleeck</i>	1946
<i>Bernard W. Dahl</i>	1973
<i>Michael C. Mulbarger</i>	1986

THE CHARLES ALVIN EMERSON MEDAL

The Charles Alvin Emerson Medal is awarded annually to a member of any Member Association of the Federation "for outstanding service in the collection and treatment of wastewater, related particularly to the problems and activities of the Water Pollution Control Federation in such terms as the stimulation of membership, improving standards of operational accomplishments, fostering fundamental research, etc." This award honors Charles Alvin Emerson, who was President of the Federation from 1928 to 1941 and became its first Honorary Member.

<i>Leroy W. Van Kleeck</i>	1948
<i>E. Sherman Chase</i>	1956
<i>Earl R. Howard</i>	1977
<i>Joseph B. Hanlon</i>	1985
<i>Dr. M. Hamdy Bechir</i>	1987

THE WILLIAM J. ORCHARD AWARD

The William J. Orchard Award was established by the Executive Committee, December 14, 1960. The award is made for distinguished service to the water pollution control field and is to be given as considered appropriate by the Executive Committee.

Gordon M. Fair

1964

THE PHILIP F. MORGAN AWARD

The Philip F. Morgan Award was established by the Board of Control on October 10, 1963. The award is made to a member of any Member Association of the Federation for the originality, significance, comprehensiveness, effort and, most importantly, the verification of an idea by the application of in-plant studies of operational processes. This award honors Philip F. Morgan, who served with distinction as Professor of Sanitary

Engineering at the State University of Iowa from 1948 to 1962. An outstanding practical researcher, he maintained a strong interest in plant operation.

<i>Bernard W. Dahl</i>	1972
<i>William C. Hebard</i>	1975

THE THOMAS R. CAMP AWARD

The Thomas R. Camp Award, established by the Board of Control on October 1, 1964, is awarded annually to a member of any Member Association of the Federation who has demonstrated, by design or the development of a wastewater collection or treatment system, the unique application of basic research or fundamental principles. The award honors Thomas R. Camp who was an outstanding consultant, educator, and technical author and who made many notable contributions to the water pollution control field.

<i>Clair N. Sawyer</i>	1966
<i>Anton A. Kalinske</i>	1977

GORDON MASKEW FAIR MEDAL

The Gordon Maskew Fair Medal was created by the Board of Control in 1967. This award serves the area of engineering education in the field of water pollution control. As professor of sanitary engineering at Harvard University, Gordon Maskew Fair did noble work in preparing students for the professional field of sanitary engineering and professional positions. This award may be awarded annually to a Federation member for proficient accomplishment in the training and development of engineers, particularly at the graduate level.

<i>Clair N. Sawyer</i>	1977
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THE KENNETH ALLEN AWARD

From 1943 through 1948, meritorious personal service to the member associations of the Federation was recognized by the Kenneth Allen Award.

<i>F. Wellington Gilcreas</i>	1944
<i>Stuart E. Coburn</i>	1947

<i>Marion R. Stoddart</i>	1981
<i>William O. Taylor</i>	1985
<i>Anne Anderson and Rev. Bruce Young</i>	1988

THE COLLECTION SYSTEM AWARD

THE HARRY E. SCHLENZ MEDAL

This award may be presented annually for distinguished service in promoting public awareness, understanding and action in water pollution control and may go only to someone whose principal employment is outside the technical field. Federation membership is not a requirement. The medal commemorates Harry E. Schlenz, for many years president of the Pacific Flush Tank Company, who served as WPCF president in 1961-1962. Mr. Schlenz was a distinguished leader in promoting public understanding of the need for water pollution control.

The Collection System Award is presented for the practical application of an original concept that expands known techniques of wastewater collection. The nominee's service must have been in any of the following areas: management, overall planning, operation and maintenance, facility design, education, training or research.

<i>Charles Button</i>	1985
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THE MEMBER ASSOCIATION SAFETY AWARD

This award is presented annually to a Member Association in recognition of the success of their safety program in local wastewater works. The purpose of the award is to stimulate effective safety programs and to encourage the collection of injury statistics on a national basis. Important factors considered by the judges include: (a) cooperation with other organizations to promote safety, (b) the methods used to publicize the safety program, (c) safety materials and visual aids used, (d) collection and use of injury data, and (e) wastewater systems personnel injury experience for the past five years in the area served by the Member Association.

NEWPCA

1988

QUARTER CENTURY OPERATORS CLUB

The Quarter Century Operators' Club is an informal group of active or corporate members of any Member Association of the Federation. To qualify for membership one must have been engaged in wastewater treatment plant operation on a full-time resident basis for 25 years before the date of admission to the club. However one does not have to be actively participating in the operation of a wastewater treatment plant at the time of induction. The Club was created under the sponsorship of Frank Woodbury Jones, who served as the Club's first registrar.

*H.G. Angelo
W.H. Brown
H.F. Carpenter
A.J. Coutu
G.H. Craemer
N.De Haas, Sr.
L.C. Easter
J.F. Eichler
F.K. Flower
R.F. Greeley
J.B. Hanlon
J.J. Hartley
E.R. Howard*

*R.J. Kent
W.M. Kunsch
R.S. Lanphear
G.L. Lebetkin
S.L. Lyon
A.A. Thomas
W.E. Thompson
C.A. Woodbury
J.W. Connell
E.P. Mason
S. Mancata
A.A. Levesque
C.A. Pitkat*

NEWPCA HONORS AND AWARDS

E. SHERMAN CHASE AWARD

The E. Sherman Chase Award was established in 1960 by the New England Water Pollution Control Association to be awarded annually to one of its members engaged in the operations of sewage and/or industrial waste treatment works, and demonstrating notable or meritorious accomplishments and achievements in, but not limited to, equipment or processess, public relations, management, operation and maintenance, economies, and contributions of information useful to the profession. The award honors E. Sherman Chase, an outstanding professional engineer and pioneer treatment plant operator.

<i>Anthony Ventetuolo</i>	1970
<i>Gordon Lambert</i>	1972
<i>Alvin L. Bean</i>	1973
<i>Phillip M. Arrigo</i>	1973
<i>Mark A. McDermott</i>	1974
<i>James M. Dostal</i>	1975
<i>Manual E. Salvador</i>	1976
<i>John J. Hartley</i>	1977
<i>Donald W. Chamberlain</i>	1978
<i>Charles A. Pilkat</i>	1979
<i>James W. Connell</i>	1980
<i>Kirk J. Laflin</i>	1982
<i>Donald S. Pottle</i>	1983
<i>Raymond C. Field</i>	1984
<i>James J. Courchaine</i>	1985
<i>Dana Arey</i>	1986
<i>Michael A. Grove</i>	1987
<i>Rodger A. Carr</i>	1988

<i>Walter E. Thompson</i>	1963
<i>Louis J. Theriault</i>	1964
<i>Ernest J. Munroe</i>	1966
<i>Vincent J. Rotondo</i>	1967
<i>Louis N. Lamoureux</i>	1968
<i>Salvatore L. Falconieri</i>	1969

THE CLAIR N. SAWYER AWARD

The Clair N. Sawyer Award was established by the NEWPCA Executive Committee on March 24, 1976. The award is made for distinguished service to the Association and is given as considered appropriate by the Executive Committee. The award honors Dr. Clair N. Sawyer, who served New England, the nation and the world as a professor, consultant and technical author, who pioneered many innovative concepts and who helped propel the water pollution control profession to the high plateau it now occupies.

<i>Clair N. Sawyer</i>	1976
<i>Earl R. Howard</i>	1977
<i>Joseph B. Hanlon</i>	1978
<i>George Reece</i>	1979
<i>Charles A. Knapp</i>	1980
<i>Edward J. Bayon</i>	1982
<i>Francis R. Mahony, Jr.</i>	1983
<i>Bruce P. Eaton</i>	1984
<i>Clifton R. Grinnell</i>	1987
<i>Alfred E. Peloquin</i>	1988

NEWPCA FOUNDERS AWARD

This award was established in 1988 to recognize individuals or wastewater treatment works that have made important impacts on New England.

PERSONAL CONTRIBUTIONS:

<i>Joseph B. Hanlon</i>	1988
<i>William A. Healy</i>	1988
<i>Earl R. Howard</i>	1988

UNIQUE ENGINEERING ASPECTS:

<i>North Attleboro Treatment Facility</i>	1988
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HISTORICAL SIGNIFICANCE:

<i>Hartford MDC Treatment Facility</i>	1988
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**NEWPCA OPERATOR AWARD
(ESTABLISHED 1983)**

CONNECTICUT

<i>Dr. Gustavo Schlessinger</i>	1983
<i>James Theriault</i>	1984
<i>Michael Bisi</i>	1985
<i>Michael A. Reardon</i>	1986
<i>Paul F. Gilbert</i>	1986
<i>George A. Ravenscroft</i>	1987
<i>Jeannette Seamon</i>	1988

MAINE

<i>Jerome Guevremont</i>	1983
<i>Ralph Mishou</i>	1984
<i>Raymond C. Field</i>	1985
<i>Douglas Walsh</i>	1986
<i>Charles A. Perry</i>	1987
<i>Darold Wooley</i>	1988

MASSACHUSETTS

<i>Sandra Shields</i>	1983
<i>Harold Strassell</i>	1984
<i>Alan Pierce</i>	1985
<i>John J. Hartley</i>	1986
<i>Dennis R. Dunn</i>	1987
<i>Arthur A. Levesque</i>	1987
<i>Thomas Landry</i>	1988

NEW HAMPSHIRE

<i>Robert W. Livingston</i>	1983
<i>Walter Morris</i>	1984
<i>Mark Gauthier</i>	1985
<i>Phillippe Maltais</i>	1986
<i>Richard Seymour</i>	1987
<i>Thomas A. White</i>	1988

RHODE ISLAND

<i>Thomas White</i>	1983
<i>Adel Banoub</i>	1984
<i>Michael Roberst</i>	1985
<i>Carmine Goneconte</i>	1986
<i>Frederick T. Webb</i>	1987
<i>Bernard J. Bishop</i>	1988

VERMONT

<i>Brent Herring</i>	1983
<i>Robert Searles</i>	1984
<i>Samuel Gates</i>	1985
<i>Jeffery F. Strong</i>	1986
<i>Steven N. Micheli</i>	1987
<i>Larry D. Austin</i>	1988

NEWPCA LIFE MEMBERS

Walter C. Anderson	1964
Raymond F. Bahr	1965
Allen L. Barry	1980
Edward J. Bayon	1980
William R. Benford	1967
Francis T. Bergin	1981
George G. Bogren	1965
Eugene L. Bond	1963
Walter H. Brown	1977
Vincent P. Brunick	1981
Raymond C. Bugbee	1960
Allen J. Burdoin	1969
Roland S. Burlingame	1976
Fozi M. Cahaly	1975
Thomas R. Camp	1962
Joseph L. Campanella	1974
Henry Campbell	1980
Howard F. Carpenter	1970
James C. Cassanos	1986
E. Sherman Chase	1958
Bradford A. Clark	1981
Edwin B. Cobb	1972
Lindsay M. Collins	1987
George H. Craemer	1965
Robert H. Culver	1982
John J. Curry	1979
Nicholas DeHaas	1963
Clarence K. Dion	1970

Gabriel M. Disario	1975
Leonard C. Easter	1974
Bruce P. Eaton	1988
Harrison P. Eddy, Jr.	1960
Gordon M. Fair	1955
Salvatore L. Falconieri	1988
James C. Feher	1981
Ernest G. Fenn	1975
George R. Fish	1967
Franklin Flower	1976
Lester Gaynor	1979
F. W. Gilcreas	1948
James S. Goff	1975
Salvatore Grasso	1979
Richard F. Greeley	1975
Richard P. Grossman	1987
Werner N. Grune	1983
William F. Haley	1975
Joseph B. Hanlon	1978
J. Nelson Harger	1974
John J. Hartley	1981
Allison C. Hayes	1977
William A. Healy	1977
Frank L. Heaney	1973
Charles Y. Hitchcock	1982
Dwight A. Hogg	1963
Ralph W. Horne	1957
George C. Houser	1964
Earl R. Howard	1980
Paul F. Howard	1965
W. L. Hyland	1966
C. Fred Joy, Jr.	1960

<i>Peter C. Karalekas</i>	1973	<i>Anthony Nunes</i>	1982
<i>Roscoe Kent, Jr.</i>	1980	<i>Francis A. Obert</i>	1981
<i>Earle S. King</i>	1972	<i>C. Roger Pearson</i>	1972
<i>Harry L. Kinsel</i>	1965	<i>Haakon Pederson</i>	1972
<i>Charles A. Knapp</i>	1981	<i>Alfred E. Peloquin</i>	1988
<i>Milos Krofta</i>	1977	<i>Stephen P. Puffer</i>	1956
<i>Walter M. Kunsch</i>	1974	<i>Frank Ragaini</i>	1972
<i>Clarence Lamb</i>	1959	<i>George M. Reece</i>	1983
<i>Roy S. Lanphear</i>	1950	<i>Joel W. Reynolds</i>	1967
<i>Arthur T. Lapine</i>	1979	<i>John V. Richards</i>	1983
<i>Walter A. Lawrence</i>	1973	<i>John D. Roberts</i>	1971
<i>Raymond V. Lavery</i>	1982	<i>Darrell A. Root</i>	1973
<i>George Lebetkin</i>	1970	<i>Lincoln W. Ryder</i>	1977
<i>Bronson E. Lockwood</i>	1963	<i>W. W. Sanderson</i>	1965
<i>Everett L. MacLeman</i>	1983	<i>Clair N. Sawyer</i>	1967
<i>John J. Martin, Jr.</i>	1982	<i>Warrent J. Scott</i>	1965
<i>Joseph W. Masselli</i>	1981	<i>Walter J. Shea</i>	1967
<i>Nicholas W. Masselli</i>	1983	<i>Leslie K. Sherman</i>	1973
<i>John R. Masterson</i>	1973	<i>Philip C. Smith</i>	1983
<i>Joseph A. McCarthy</i>	1971	<i>Arvo A. Solander</i>	1970
<i>John F. McDermott</i>	1972	<i>Arthur W. Sweeton III</i>	1978
<i>Jack E. McKee</i>	1971	<i>John Szymanski</i>	1976
<i>Joseph K. Merwin</i>	1971	<i>Louis J. Theriault</i>	1981
<i>Edward K. Moore</i>	1972	<i>Walter E. Thompson</i>	1964
<i>H. Carlton Moore</i>	1968	<i>J. C. M. Tillinghast</i>	1967
<i>Edward F. Morgan, Jr.</i>	1960	<i>Edward L. Tracy</i>	1968
<i>Frank Morgenroth</i>	1964	<i>LeRoy W. VanKleeck</i>	1965
<i>J. Carrell Morris</i>	1979	<i>John T. Vicent</i>	1973
<i>Ernest J. Munroe</i>	1975	<i>Norman Wagner</i>	1972
<i>Henry F. Munroe</i>	1966	<i>E. Warren Ward</i>	1981
<i>Timothy J. Murphy</i>	1979	<i>Wilbur J. Widmer</i>	1983
<i>Robert W. Muther, Jr.</i>	1983	<i>William S. Wise</i>	1965
<i>I. Laird Newell</i>	1978	<i>Edward Wright</i>	1949

EPA REGION I OPERATION AND MAINTENANCE EXCELLENCE AWARDS

The EPA Region I O&M Excellence Awards were established to recognize staff of publicly owned wastewater treatment plants for their commitment to clean water through continued permit compliance, outstanding operation and maintenance, effective financial management, and ongoing operator training. The regional award winners represent small, medium and large municipalities using secondary and advanced treatment technologies. All regional winners are nominated for EPA National Operation and Maintenance Excellence Awards.

CONNECTICUT

Hartford MDC Water Pollution Control	1987
Naugatuck Treatment Company	1988

MAINE

Falmouth Water Pollution Control Facility	1987
North Jay Wastewater Treatment Plant	1988

MASSACHUSETTS

Upper Blackstone Water Pollution Abatement District	1987
Amherst Wastewater Treatment Plant	1988
Leominster Wastewater Treatment Plant	1988

NEW HAMPSHIRE

City of Lebanon	1987
Penacook Wastewater Treatment Plant	1988

RHODE ISLAND

Scarborough Wastewater Treatment Plant	1987
Smithfield Wastewater Treatment Plant	1988

VERMONT

Orleans Wastewater Treatment Facility	1987
Quechee Wastewater Treatment Facility	1987
Stowe Wastewater Treatment Plant	1988
West Rutland Wastewater Treatment Plant	1988



Editor and designer at work.

