

**TRANSACTIONS OF THE
NEW ENGLAND WATER
WORKS ASSOCIATION,
DURING THE YEAR 1884**

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Transactions of the New England water works association, during the year 1884 by Various

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VARIOUS

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NEW ENGLAND

WATER WORKS ASSOCIATION,

DURING THE YEAR

1884.

NEWTON:
PRESS OF THE NEWTON JOURNAL.
1885.

NEW ENGLAND WATER WORKS ASSOCIATION.

OFFICERS 1884-5.

President,

GEORGE A. ELLIS, Springfield, Mass.

Vice Presidents,

CHARLES K. WALKER, Manchester, N. H.

HORACE G. HOLDEN, Lowell, Mass.

ALVOID O. MILES, East Providence, R. I.

NATHANIEL I. JORDAN, Auburn, Me.

WALTER H. RICHARDS, New London, Ct.

Secretary,

ALBERT S. GLOVEE, Newton, Mass.

Treasurer,

EDWIN DARLING, Pawtucket, R. I.

Executive Committee,

The above named officers with

HENRY W. ROGERS, Lawrence, Mass.

SHERMAN E. GRANNIS, New Haven, Ct.

FRANK E. HALL, Quincy, Mass.

Finance Committee,

JAMES H. HATHAWAY, New Bedford, Mass.

THOMAS B. LOVELL, Fitchburg, Mass.

J. HENRY BROWN, Boston, Mass.

The Fourth Annual Meeting of the Association will be holden at Springfield, Mass., on Thursday and Friday, June 18 and 19, 1885, at which meeting the following topics will be discussed :

1st. The Weight of Cast Iron Pipe for all sizes and pressures, as deduced from pipe in service ; to be ascertained by correspondence and shown by diagram.

Opening paper by Albert F. Noyes, Esq., City Engineer of Newton, Mass.

2nd. The Necessity of Use of Tank for supplying Water Closets, Hot Water Boilers, etc.

Opening paper by William R. Billings, Esq., Supt. Water Works, Taunton, Mass.

3d. The Necessity and Method of Flushing Street Mains.

Opening paper by J. Henry Brown, Esq., Supt. Mystic Division, Boston Water Works.

4th. Street Mains. Relative merits of the different kinds in use.

Opening paper by Frank E. Hall, Esq., Supt. Water Works, Quincy, Mass.

5th. Uniformity in the Preparation of Water Works Reports.

Opening papers by William R. Billings, Esq., Supt. Water Works, Taunton, Mass., and Robert C. P. Coggeshall, Esq., Supt. Water Works, New Bedford, Mass.

PREAMBLE, CONSTITUTION AND BY LAWS.

PREAMBLE.

We, the undersigned, desirous of forming an Association for the exchange of information pertaining to the management of "Water Works" for the mutual benefit of consumers and "Water Companies" and for the purpose of securing economy and uniformity in the operation of Water Works, do hereby associate ourselves and adopt the following :—

CONSTITUTION AND BY-LAWS.

ARTICLE I.

NAME AND OBJECTS.

SECTION 1. The name of the Association shall be "The New England Water Works Association."

SECT. 2. The object of this Association shall be the promotion and advancement of knowledge, scientific and practical, in all matters relating to the construction and management of "Water Works" and the distribution and consumption of water, the establishment and maintenance of a spirit of "fraternity" between the members of the Association by social intercourse, and by friendly interchange of information and ideas on the before-mentioned subjects.

ARTICLE II.

SECT. 1. The members of this Association shall consist of two classes. Active members and Fine members.

SECT. 2. To be eligible as an Active member, a person must be a Superintendent, Registrar, Secretary, Treasurer or Engineer of a Water company.

SECT. 3. Active members shall pay an initiation fee of five dollars, and shall pay the sum of two dollars annually thereafter, which sum shall be paid in advance.

SECT. 4. No member whose annual payment shall be in arrears one year shall be entitled to vote or participate in the deliberations of the Association.

SECT. 5. Any member may retire from membership by giving written notice of his desire to the Secretary and by the payment of all annual dues to that date, but he shall remain a member and be liable to the payment of annual dues till such payments are made.

SECT. 6. A member may be expelled from the Association after due notice to him by a report and motion to that effect made by the executive committee at a general meeting of the Association. The vote shall be by ballot and shall require two-thirds of the votes cast for its adoption.

ARTICLE III.

FINE MEMBERS.

SECT. 1. Persons or firms engaged in furnishing materials for the construction and maintenance of Water Works desiring to join the Association may be admitted as members by the usual form on the payment of ten dollars and be entitled to one representative at each meeting, who shall not be entitled to vote, but may take part in any discussion, if permission is given by the meeting.

ARTICLE IV.

SECT. 1. All candidates for membership shall be proposed by a member of the executive committee and notice thereof shall be given by the Secretary to the Association for its action. The election of an applicant for membership shall be by ballot and each person shall receive two-thirds of the number of ballots cast to be elected.

SECT. 2. If any application for membership on being balloted for be rejected, no notice shall be taken of the application or record of the same be made in the minutes, and the admission fee shall be returned.

SECT. 3. New members shall be formally introduced to the Association by the presiding officer, after being elected; they shall subscribe their names to the Constitution of the Association, in a roll-book of the same, and they shall each at the same time receive a copy of the Constitution and By-Laws of the Association.

ARTICLE V.

OFFICERS.

SECT. 1. The officers shall consist of a President, five Vice Presidents, Secretary and Treasurer, to be elected annually by ballot.

SECT. 2. The officers of the Association, with three other members who shall be elected for that purpose, shall constitute the Executive Committee.

SECT. 3. A Finance Committee, consisting of three members of the Association, shall be chosen.

All officers shall serve for one year, or until their successors are elected.

ARTICLE VI.

DUTIES.

SECT. 1. The President shall preside at all meetings, or in case of his absence the senior Vice President present shall preside.

SECT. 2. The affairs of the Association shall be managed by the Executive Committee, subject to control of the Association by its action in general meeting. All questions in Executive Committee shall be decided by majority vote and five members shall be a quorum.

The Executive Committee shall have control of the property and management of the affairs of the Association, shall provide suitable rooms for all annual and other meetings and shall have power to expend the funds of the Association; *provided*, that no indebtedness shall be incurred in excess of the funds in the hands of the Treasurer. All papers read at meetings of the Association must relate to matters connected with the objects of the Association, and must be approved by the Executive Committee before being read, and they shall also suggest topics for discussion.

SECT. 3. The Secretary shall keep the records of all meetings, conduct all correspondence, receipt for all fees and dues, and pay to the Treasurer all money received, taking his receipt therefor. In addition to these duties he shall read minutes and also papers and communications, if the authors desire it, and discharge such other duties as may be required by the Constitution and By-Laws appertaining to his department. He shall have such compensation for his services as the Executive Committee may determine.

SECT. 4. It shall be the duty of the Treasurer to receive from the Secretary all moneys for the Association, to keep correct account of all receipts and expenditures, and to pay all demands against the Association when approved by the President. At the annual meeting he shall exhibit a statement of his accounts and shall give such bonds as may be required by the Executive Committee.

SECT. 5. The Finance Committee shall meet on the day of the Annual Meeting of the Association, at least one hour before the

opening of the meeting, to receive from the Treasurer a statement of his account and to audit the same. They shall hold such other meetings as the interest of the Association may require.

SECT. 6. The officers of the Association shall assume office immediately after the close of the meeting at which they have been elected. They shall hold meetings at the call of the President, or, in the absence of the President, at the call of the senior Vice President.

ARTICLE VII.

SECT. 1. The Annual Meeting of the Association shall be held on the third Thursday in June, in each year, at 10 o'clock A. M., at such place as shall be determined by the Association at the previous annual meeting. Other general meetings of the Association may be held at such times and places as shall be directed at the previous meeting.

SECT. 2. At any Regular Meeting of the Association, ten members shall be a quorum for the transaction of business.

SECT. 3. The Secretary shall send a notice to all members of the Association at least fourteen days before each General Meeting.

SECT. 4. Questions shall be decided by any convenient form of voting, the presiding officer to have the casting vote when necessary. Questions of special nature shall be decided by ballot, if demanded.

ARTICLE VIII.

SECT. 1. Any member of a Water Board or Board of Water Commissioners or Board of Trustees of any Water Works is cordially invited to be present at any meeting of the Association as Honorary Member. Any member, with the concurrence of the presiding officer, may admit a friend at each meeting of the Association, but such person shall not take part in any discussion unless permission to do so be given by the meeting.

SECT. 2. All papers, drawings or models submitted to the meetings of the Association, shall be and remain the property of the authors.

SECT. 3. All propositions for adding to, or altering any of the provisions of the foregoing Constitution, shall be submitted to the Executive Committee, who may bring it before the next meeting of the Association, and shall do so on the written request of any five members of the Association, and if two-thirds of the members present shall vote in favor of such alteration or amendment it shall be adopted.