

MAINE STATE LEGISLATURE

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PUBLIC DOCUMENTS OF MAINE

1913

BEING THE

ANNUAL REPORTS

OF THE VARIOUS

DEPARTMENTS AND INSTITUTIONS

For the Year 1912

VOLUME II



WATERVILLE
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1914

SIXTEENTH REPORT

OF THE

STATE BOARD OF HEALTH

OF THE

STATE OF MAINE

FOR THE

Two Years Ending December 31, 1911

1910-1911



WATERVILLE

SENTINEL PUBLISHING COMPANY

1913

STATE BOARD OF HEALTH OF MAINE.

OFFICE OF THE SECRETARY,
AUGUSTA, MAINE, SEPTEMBER 14, 1912.

*To His Excellency, Frederick W. Plaisted, Governor, and the
Honorable Executive Council:*

GENTLEMEN:—I have the honor of submitting to you the Sixteenth Report of the State Board of Health of Maine, it being the biennial report for the years 1910 and 1911.

Very respectfully,

A. G. YOUNG, M. D., *Secretary.*

MEMBERS OF THE BOARD—1911

CHARLES D. SMITH, M. D., <i>President</i> ,	Portland.
G. M. WOODCOCK, M. D.,	Bangor.
R. H. STUBBS, M. D.,	Augusta.
PROF. MARSHALL P. CRAM,	Brunswick.
W. L. HASKELL, M. D.,	Lewiston.
EUGENE W. GOSS,	Auburn.
A. G. YOUNG, M. D., <i>Secretary</i> ,	Augusta.

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INTRODUCTORY.

This is a mere statement of the reasons why the report of the Secretary of the Board is so brief, and it will serve in part as an explanation why the report appeared so late. In the early part of the year 1912, when this report should have been prepared, and in fact all through the year, the calls for official work outside the office, epidemic and other, came so frequently that it was utterly impossible for the Secretary to do any work upon the report. Then, hurriedly undertaken at rather a late date, it was found that, for want of time, the little which is here presented must suffice. The routine work of the office has, as years pass, become larger in volume and more exacting, but with it all the educative work of the Board for the betterment of the health conditions of the state in various directions has been carried on with much pleasure and with a degree of satisfaction which has been commensurate with the amount and quality of the work which it has been possible to do.

The report of Mr. Evans, the Director of the Laboratory, was ready in due time, and shows for itself, though inadequately, the excellence and the large amount of work which he and his assistants are doing.

SECRETARY'S REPORT.

This report is for the biennial period, 1910-11. At the close of this period the names and addresses of the members of the Board were as follows:

C. D. Smith, M. D., Portland.

G. M. Woodcock, M. D., Bangor.

R. H. Stubbs, M. D., Augusta.

Professor Marshall P. Cram, Brunswick.

W. L. Haskell, M. D., Lewiston.

Eugene W. Goss, Auburn.

A. G. Young, M. D., Augusta.

At the end of the period for which this report was made there were the following standing committees:

On Finance.—Marshall P. Cram, C. D. Smith, and Richard H. Stubbs.

On Circulars and Other Publications.—R. H. Stubbs, G. M. Woodcock, and A. G. Young.

On sewerage and Drainage and the Disposal of Excreta.—Eugene W. Goss, Marshall P. Cram, Richard H. Stubbs and G. M. Woodcock.

On Ventilation.—W. L. Haskell, Marshall P. Cram, Richard H. Stubbs and G. M. Woodcock.

On Summer Resorts.—A. G. Young, G. M. Woodcock, and C. D. Smith.

On Water and Water Supplies.—Marshall P. Cram, W. L. Haskell, A. G. Young, Eugene W. Goss and C. D. Smith.

On Schoolhouses and School Hygiene.—A. G. Young, R. H. Stubbs, Marshall P. Cram, and Eugene W. Goss.

On Quarantine.—C. D. Smith, W. L. Haskell, G. M. Woodcock and A. G. Young.

On Legislation.—A. G. Young, G. M. Woodcock, W. L. Haskell, and Richard H. Stubbs.

On Disinfection and Disinfectants.—Marshall P. Cram, C. D. Smith and A. G. Young.

On the Production and the Use of Vaccine Lymph, Antitoxin and other Inoculation Material.—C. D. Smith.

On Operation of Laboratory.—A. G. Young, Marshall P. Cram, G. M. Woodcock, and Richard H. Stubbs.

On Supply of Antitoxin to Local Boards of Health.—A. G. Young, C. D. Smith, G. M. Woodcock and W. L. Haskell.

The following extracts are made from the records of the various meetings of the Board:

At the adjourned annual meeting of the State Board of Health, which was held April 13, 1910, Dr. Charles D. Smith was unanimously elected president for the ensuing year.

The Secretary made a brief verbal report in regard to the epidemic diseases which have been present in the State since the last meeting.

In view of what can be learned in regard to the prevalence of smallpox in the Maritime Provinces at the present time, it was voted that Dr. Walter Wyman, Surgeon-General of the Public Health and Marine Hospital Service at Washington be informed that, in the opinion of this board the inspection service at Vanceboro may now safely be discontinued.

The Secretary reported what he had done and the progress which has been made with Senate Bill 5072, a bill which at the request of the State Board of Health had been introduced into Congress by Senator Frye, giving state boards of health a little more latitude in regard to the time of issuing and mailing the bulletins of the state boards.

The Secretary reported to the board the action that he had taken in trying to interest the clergymen in the State in "Tuberculosis Sunday," Sunday, April 24th, which had been appointed by the National Association for the Study and Prevention of Tuberculosis as such. He also reported the arrangements which he had been making for the exhibition work for this year.

He further reported what he had done in issuing Health of Home and School leaflets.

Dr. C. D. Smith was chosen as the representative of our State Board of Health at the Conference of State and Provincial Boards of Health which will be held in Washington, D. C., April 28 and 29. In case he should find himself unable to attend, Dr. Smith was authorized to choose an alternate.

At the second quarterly meeting of the board, Dr. Woodcock, who represented the board at the conference of the Surgeon-General in Washington, made a verbal report to the board.

The Secretary presented to the board a suggestion for the establishment of public comfort stations throughout the state by inducing business men to provide toilet accommodations for their customers and for visitors, and to indicate the presence of such places by means of a sign displayed in their windows. A cut showing the sign which had been in use in Pasadena, California, was shown to the board. The scheme was approved by the board and the secretary was authorized to use his influence to bring about such conditions in the cities and villages of the state.

The secretary was requested to obtain from all of the cities in the state information in regard to whether they had established ordinances relating to plumbing and to obtain copies of such ordinances of all of the cities in which such ordinances exist.

The Secretary was authorized to approve for the board such plans for schoolhouses as may be submitted to the office of the State Board.

The secretary was asked to confer with the attorney general in regard to the best form in which to prepare a bill for making more effective our laws relating to infectious diseases.

The third quarterly meeting of the State Board of Health adjourned from September 26, was held in the State House in Augusta, Nov. 2 at one o'clock in the afternoon. The members present were Charles D. Smith, *President*; G. M. Woodcock, Richard H. Stubbs, Marshall P. Cram, W. L. Haskell, and A. G. Young, *Secretary*. Marshall P. Cram, appointed to fill the vacancy caused by the death of Dr. Oakes, and W. L. Haskell, appointed to fill the vacancy caused by the death of Prof. Robinson, had received their commissions and had both qualified by taking the oath of office.

The secretary made a statement in regard to the finances of the Board in which he said that there is now a balance left which suffices to pay the salaries for the last two months of the year, leaving only \$133.85 to cover all other expenses; and that the balance of the appropriation of the laboratory will not quite suffice to pay the salaries of Mr. Evans and Mr. Kings-

ley, leaving out all other expenses which must be incurred. Of the Epidemic Fund there has been used only \$251.19 of the \$3,000. There is a balance of six or seven hundred dollars of the appropriation for printing and binding which it will be necessary to use in having the necessary printing done.

Considering the question of what action shall be taken in connection with the arrival of immigrants from cholera infected countries it was the opinion of the Board that it is very desirable to keep them and those persons with whom they associate under a pretty strict surveillance for sometime for the purpose of knowing that they remain perfectly well and present no suspicious symptoms.

It was the opinion of the Board that it is desirable for Mr. Evans, the Director of the Laboratory, to go to New York, and if he deems best to Washington, for the purpose of conferring with the sanitary authorities in both places, and learning their present and the preferable methods of making microscopic and biological diagnoses of cholera and typhoid fever and also to look up any other matters which he deems best in the interest of the public health service. It was voted that Mr. Evans be authorized to go.

The discussion on poliomyelitis indicated that the Board believes as sufficiently proved the infectiousness of this disease, and the necessity for proper restrictive measures for preventing the spread of infection. As it is unknown how long the infectiousness of cases of infantile paralysis remains it was deemed best to instruct local boards of health to insist upon the isolation for three or four weeks of persons suffering with poliomyelitis, not necessarily quarantining the whole family, but giving the head of the family, the bread winner, permission to attend to his ordinary work, he observing proper precautions against carrying infection.

The secretary reported on the educative work which he has been carrying on since the last meeting through the exhibit of the Board and by means of the Health of Home and School Leaflets. He reported that he had made quite important additions to the exhibit, that the people where it had been put up have shown much interest in it, and that he believes that, with these two kinds of educative work, much good is being done.

In regard to legislative work particularly in regard to the

bill relating to the supervision of water supplies which, by the last legislature, was referred to this next legislature it was voted that these matters be left to the committee on legislation, and that they be required to consider what should be done and to report to the Board at its next meeting.

In the opinion of the State Board of Health it is not receiving due consideration by those who have authority to provide the different departments with rooms for carrying on their work. It was voted that a paper be drawn up by the secretary to be referred to the Governor and Council stating the need of more room for carrying on its work, and presenting it to each member of the Board for his signature.

The Board considered the question of congressional bills relating to the mailing of the literature of state boards of health. The secretary was authorized to communicate with Dr. Porter of the State Board of Health of Florida in regard to the bill which he has before congress, and the committee of this board on legislation was authorized to take such action as it deems best in trying to secure the passage of such a bill as seems the most desirable to the committee.

At the fourth regular meeting of the board much time was spent in the consideration of the disease, poliomyelitis. The following rules and regulations were made and adopted by the Board and the secretary was instructed to submit them to the Governor and Council for their approval.

Rules and Regulations of the State Board of Health relating to the reporting of cases of infantile paralysis (poliomyelitis).

By virtue of authority conferred upon the State Board of Health in Chapter 18, Section 8, Revised Statutes, as amended by Chapter 48 of the public laws of 1909, the said board makes the following rules and regulations relating to the reporting of cases of poliomyelitis, commonly called infantile paralysis.

Section 1. Whenever any householder knows or has reason to believe that any person within his family or household has infantile paralysis or the premonitory fever or other symptoms characteristic of poliomyelitis, commonly known as infantile paralysis, he shall within twenty-four hours, give notice thereof to the secretary of the local board of health of the town in

which he resides, and such notice shall be given either at the office of the secretary, or by a communication addressed to him and duly mailed within the time above specified.

Section 2. Whenever any physician knows or has reason to believe that any person whom he is called upon to visit, is infected with infantile paralysis or the premonitory fever or other symptoms characteristic of poliomyelitis, commonly known as infantile paralysis, such physician shall, within twenty-four hours, give notice thereof to the secretary of the local board of health of the town in which such person lives.

By order of the State Board of Health.

Attest: Chas. D. Smith, M. D., President.

A. G. Young, M. D., Secretary.

Augusta, Maine, Jan. 10, 1911.

Consideration was given to the question of the legislation which should be brought before the Seventy-Fifth Legislature, and particular attention was devoted to the discussion of ways and means for bringing about the enactment of the bill which came over from the last legislature relating to the supervision of public water supplies.

The expenditures, bills, and accounts in the office of the secretary were audited by the finance committee and approved.

Mr. Evans made an interesting verbal report on his visit to the laboratories in Boston, New York, and the hygienic laboratory of the Surgeon-General of the Public Health and Marine Hospital Service, Washington, D. C., and on the work which he did, and the observations which he made relating to the measures for the control of Asiatic cholera, typhoid fever, and other epidemic diseases.

At the annual meeting for 1911, which was held March 28, Dr. Chas. D. Smith was reelected president.

The secretary was authorized to make an expenditure of \$100. for the purpose of adding to and improving the traveling exhibits of the Board.

Some time was given to the consideration of the questions: future tuberculosis work; additional work which should be done by the State Board of Health; management of the infectious diseases; legislative campaign for two years hence. These questions were finally laid upon the table for further consideration at other meetings of the board.

As the conference of State Boards of Health with the Surgeon-General and the conference of State and Provincial boards of health will be held on the Pacific coast this year, and the meeting of the American Public Health Association will be held in Havana, it was deemed inexpedient, with the paucity of funds at the disposal of the board, to send representatives to these meetings.

The secretary was authorized to visit the office of the secretaries of the State boards of health in such states as he may deem best for the purpose of making an examination of their office methods and of the educative and exhibit work in those states.

At a special meeting of the State Board of Health which was held at the State House, Wednesday, May 17 the secretary reported that since the last meeting there has been one case of smallpox in Bangor and up to the present time four cases in the town of Abbot. The man who had been quarantined in Bangor appears to have been a tramp. He had been up into the Jackman region and across the line from there much, and after he was taken sick was in Jackman, Waterville and Abbot before the nature of his case was recognized in Bangor. In North Abbot he had visited his mother giving the disease to her, and from her it had spread to one other house in that town.

As Dr. Cram is going to Europe again this year, and will either go to Dresden or to some place not far from that city, he was authorized and requested by the State board of health to spend several days in visiting and examining the International Exhibit on Hygiene which is to be held in Dresden this year.

The matter of rules and regulations relating to drinking cups came up for consideration, but this subject was laid upon the table for further consideration in the future. The secretary was authorized and requested to issue a leaflet in regard to common drinking cups, this leaflet to be one of the series of the "Health of Home and School Leaflets."

At a meeting, November 4, 1911, the Board considered the matter of coöperation with the committee of the Maine Medical Association on the question of preparing and distributing leaflets on the subject of sexual hygiene. The matter was laid upon the table for consideration at the December meeting and for a conference with the committee if the committee so desires.

The secretary made a verbal report on his visit to Boston, New York and Washington in August for the purpose of studying some of the local work in those cities, collecting material as additions to the traveling exhibits of the board, and particularly to learn about some recent improvements which have been made in the methods of diagnosing cases of Asiatic cholera.

The need of additional room so that the work of the State Board of Health may not be handicapped, a perennial subject it would appear, was discussed again by the board, and the board repeated the expression of its hope that in the near future additional room may be allotted to the board.

At a special meeting of the State Board of Health which was held at the State House, Wednesday, December 13, 1911, upon motion which was duly seconded it was voted that the following special order of the State Board of Health relating to the reporting of chickenpox be and is hereby made and adopted.

Order Relating to Chickenpox.

Section 1. Under authority conferred by Section 8, Chapter 18 of the Revised Statutes as amended by Section 2 of Chapter 48 of the Laws of 1909, it is hereby ordered by the State Board of Health that, until further notice, householders shall report promptly to the local board of health of their towns every case of chickenpox which occurs in their houses or families, and physicians shall report promptly to the same officials every case of chickenpox or of generalized eruption following vaccination to which they are called or which may come under their observation, in order that such inspection of said cases may be made as seems to the local board or to the State Board of Health to be necessary for the better protection of the public from infectious diseases.

Section 2. Any person who shall neglect or refuse to obey these regulations shall be liable to the penalties provided by Section 50 of said Chapter 18, namely, "A fine of not more than Five Hundred Dollars, or by imprisonment in the county jail for a period of not more than six months or by both fine and imprisonment."

Made at a special meeting of the State Board of Health, December 13, 1911.

A true copy.

Attest: (Signed) Chas. D. Smith, M. D., President.

(Signed) A. G. Young, Secretary.

The secretary presented to the board a letter and copies of resolutions which had been passed by the State Board of Health of California relating to the plague, one of which was under the date of Oct. 1, 1910 and the other the date of Oct. 7, 1911. After a full consideration of the gravity of the danger to the whole country of the presence due to plague infected rodents in California the following resolutions were passed:

Whereas, It has been shown that the principal means through which the infection of plague is communicated to man are fleas from plague infected rodents and notably rats, and

Whereas, The plague is constantly spreading among squirrels in certain parts of California, and unless checked threatens to infect the squirrels and other rodents of other states, and

Whereas, Through the constant danger of its communication by squirrels to rats and by rats to mankind, plague infection of squirrels is a serious and perpetual menace to our economic and sanitary welfare, and

Whereas, The conversion of this imported infection into one constantly present in our midst through the extended infection of rodents, thus rendering the plague a national question of grave importance, be it, therefore

Resolved. That the Governor of the State of Maine and our Senators and Representatives in Congress be requested and urged to use all their power and influence with the President of the United States, with Congress, and with the Public Health and Marine Hospital Service, to come to the more comprehensive and more effective aid of California in the eradication of plague.

Resolved. That our Senators and Representatives in Congress be and are hereby further requested to urge on the Secretaries of Agriculture and of the interior departments the recommendation to Congress of an appropriation for the eradication of squirrels on the federal lands under their jurisdiction.

Letters were also read by the Secretary which he had received from the Secretary of the Council on Health and Public Instruc-

tion of the American Medical Association. These letters related to the decision of the Association to establish a National Council on Public Health, similar to the National Legislative Council, the Council to be composed of one representative from each state board of health to meet annually at the same time as the National Legislative Council and to participate in the annual Conference on Public Health and Legislation. The letter stated that the next meeting of the Conference will be held in Chicago, Feb. 26 and 27, 1912.

Upon due consideration of this matter it was deemed inexpedient to send a representative of the Board to this Conference for the next year for the reason that it was thought of greater importance that the Board be represented at the meetings of the American Public Health Association and of the Conference of the State and Provincial Boards of Health, and also at the Conference of the Surgeon-General of the Public Health and Marine Hospital Service with the representatives of the state boards of health. It was thought that on account of the limited size of the appropriation of the State Board of Health for general purposes it would be impossible to be represented at this Chicago Conference and the Secretary was instructed to write to this effect to Dr. Greene, the Secretary of the Council on Health and Public Instruction.

After consideration of the danger of the loss of the traveling exhibits of the Board at some of the various places to which they are carried or while temporarily stored, it was voted that the Secretary be authorized to take out a fire insurance policy for \$600. on the exhibits the policy to cover loss wherever the exhibits may be. It is understood that such a policy would cost about \$18. a year.

In view of the fact that it is important for the protection of the public against the unnecessary spread of infectious diseases that librarians of public libraries and local superintendents of schools should know the whereabouts of cases of infectious diseases, upon motion of Dr. Haskell, duly seconded, the following special order of the State Board of Health was made.

Order of Board Requiring Notification of Cases of Infectious Disease to Librarians and Superintendents of Schools.

Section 1. Under authority conferred by Section 8, Chapter 18 of the Revised Statutes as amended by Section 2 of Chapter 48 of the Laws of 1909, it is hereby ordered by the State Board of Health that, until further notice, the secretary of the local board of health of each town or city in which there is a public library shall promptly report to the librarian of said library the names and places of residence of all families in which cases of infectious diseases have appeared, and it shall furthermore be the duty of the local board of health of every town and city to report the same facts to the superintendent of schools.

Section 2. Any person who shall neglect or refuse to obey these regulations shall be liable to the penalties provided by Section 50 of said Chapter 18, namely, "A fine of not more than Five Hundred Dollars, or by imprisonment in the county jail for a period of not more than six months or by both fine and imprisonment."

Made at a special meeting of the State Board of Health, December 13, 1911.

A true copy.

Attest: (Signed) Chas. D. Smith, M. D., President.

(Signed) A. G. Young, Secretary.

STATE LABORATORY OF HYGIENE.

Report on the work for 1910-11.

by

H. D. EVANS, Director.

During the past two years there has been no change in the kind of work, which is done at the laboratory. It still consists of chemical work along the lines of water analysis and examination of dairy products; and of bacteriological examinations for the diagnosis of tuberculosis, diphtheria, typhoid fever and gonorrhoea. During the period, covered by this report, there has been no request for extension of either chemical or bacteriological work along lines, other than those above outlined. Until there has been a call for other lines of chemical and bacteriological work it is not the intention of the laboratory to offer this extension, owing to the excessive cost of maintaining equipment that might be used but once or twice in a year.

The bacteriological work of the laboratory is intended to be along lines of assisting the physician in diagnosis. The chemical work is conducted along lines which are those of preventive medicine, rather than those of diagnosis. With the existing conditions of distribution of population and great distances it hardly seems as though other lines of bacteriological work, than those above mentioned, can be profitably employed in this laboratory. On the other hand, there is great opportunity for the enlargement of the work of the laboratory along lines of the protection of the water and food supplies of the State.

During the past two years there has been no change in the personnel of the laboratory force, Mr. C. S. Kingsley remaining as the assistant in Bacteriology, and Mr. E. W. Johnson, as the assistant in chemistry, under the cooperative agreement with the Department of Agriculture, under which the dairy work of that Department is done at this laboratory. Under this agreement, as noted in my last report, the actual work of analysis of

dairy products is done at this office; the above Department paying the salary of an assistant chemist, and the laboratory furnishing them with the work of its own force when necessary. In return, the unoccupied time of the assistant chemist is at the service of the laboratory.

During the last two years the work of the laboratory, both chemical and bacteriological, has very greatly increased. In fact, the work of the past twenty-four months has exceeded the work done during the forty months, covered by the last report. The regular, routine work of the laboratory has assumed such proportions that it would have been impossible to have met the demands, had it not been for the fact that the Department of Agriculture did not need anything like the entire time of one man. Had the laboratory not been operating under this agreement it would have been unable to have met the call for its services. Even with the above aid it was necessary to employ assistance, in addition to this, during the first two weeks in August of both the years covered by this report.

With the increasing work from the Agricultural Department it is imperative that the appropriation of the laboratory be increased during the next session of the Legislature. If this is not done it will be impossible for the laboratory to meet the demands upon it for examinations during the months of June, July and August. This period of the year brings increased dairy work, as well as increased routine laboratory work, which practically removes the services of the assistant chemist from the work of the laboratory proper. As the nature of the work, which we do, is such that any delay operates to greatly decrease the value of the results, lack of means to employ the necessary assistance during these rush months will make it necessary to refuse work from some persons, which is a form of discrimination which is fatal in public health work.

At the close of this report are a few recommendations, which the work of the past two years has called forth, and, following these, are appended the tabulations of the work of the laboratory for the past two years. No change has been made in the manner of tabulation, from that adopted in the previous reports from this office.

CHEMICAL WORK.

As has been noted, the chemical work of the laboratory has consisted of examination of dairy products, and of analyses of the water supplies of the State, both public and private.

(1) Dairy products. The work along these lines has been continued under the agreement between the laboratory and the Agricultural Department, outlined in the last report. The samples submitted to us for analysis during the past two years have been butter samples and milk or cream samples. No cheese samples have been included in this work during the time covered by this report.

All butter samples are submitted, as a routine procedure, to the "Foam test" and to examination in the Butyrorefractometer. Those responding to the butter tests are classed as "Butter." Those which do not so respond are further examined to determine whether they are "Oleomargarin" or "Renovated butter," according to the relative readings of the refractometer test. If this test indicates the compound to be "oleomargarin" a determination of the volatile acids is made. If the refractometer test shows the compound to be made up of butter fats, while the "foam test" shows that it is not genuine butter, the sample is further examined under the microscope, to see whether or not it has been melted and to determine the condition of the curd; and is subjected to various tests for determining the presence or absence of albumen, which is present in but a trace in genuine butter, but which is present in considerable amount in "renovated butter," owing to the incorporation of the whole of the nitrogenous content of milk in a renovated butter. The sample is also submitted to the so-called "milk test," and to such other confirmatory tests as each case seems to demand.

During the years 1910-11 but very little butter work has been submitted to us by the Department, as the work in 1909 had showed that it was almost impossible to secure convictions under the existing law. The necessary changes were made in the law at the last session of the legislature, and it is planned to actively take up this line of work during the year 1912. The previous butter work had been done on samples which had been obtained in hotels or boarding houses; the samples having been served as butter. The work of the next year is intended

to deal with samples bought from retail dealers in the open market.

During the past two years we have examined but 34 samples. No samples were found to be adulterated. As the results of these analyses were published in the bulletins of the Dairy Division of the State Department of Agriculture only the above summary is given in this report.

The number of analyses of milk and cream, which have been made at the laboratory during 1910-11, is 1639. The number of analyses made during each of the two years has been practically the same,—804 during 1910 and 835 during 1911. Out of this total 1424 samples were milk, and 215 samples were cream.

The detailed results of these analyses have been published in the bulletins of the Dairy Division of the Agricultural Department, and so are not given here. They are given in Bulletins Nos. 2-9 inclusive. The number and percentage of watered, skimmed, watered and skimmed, below standard, and dirty samples are given in the following tables for each of the years 1910 and 1911.

1910.

ARTICLE.	Total.	Watered.	%.	Skimmed.	%.	Skimmed and watered.	%.	Below standard.	%.
Milk.....	722	31	4.29	3	0.41	1	0.14	34	4.71
Cream.....	82	0	0	0	0	0	0	0	0

1911.

ARTICLE.	Total.	Watered.	%.	Skimmed.	%.	Skimmed and watered.	%.	Below standard.	%.
Milk.....	702	48	6.83	2	0.28	1	0.14	64	9.10
Cream.....	133	0	0	0	0	0	0	3	2.25

DIRTY MILK & CREAM.

ARTICLE.	1910.			1911.			1910-1911.		
	Total.	Dirty.	%.	Total.	Dirty.	%.	Total.	Dirty.	%.
Milk.....	722	404	55.1	702	315	44.1	1,424	708	49.7
Cream.....	82	6	7.3	133	5	3.7	215	11	5.1

In addition to the adulteration noted in the above tables two (2) samples of milk were colored, and two (2) were preserved.

Prosecutions were instituted in the case of the adulterated samples, the details of which are given in the bulletins, above referred to. Aside from the giving of publicity to the dirty samples by publication in the bulletins of the Department of Agriculture, nothing has been done about these samples. It would seem as though, with such a percentage of dirty samples, some action should be taken by which a test case might be had in Maine to decide whether or not, in the eyes of the law, dirt was a "foreign substance" within the meaning of the statute. Such a condition of affairs among milk producers is a cause of grave concern to the State, for it represents carelessness pure and simple. This dirt, which consisted of manure, hair, dandruff and earthy matters, was not in the milk when it came from the cow. It was, therefore, something that could have been kept out with proper care being taken of the cow, milker, stable and milk room. It is not the dirt, as dirt itself, that the most serious objection is raised to; but the dirt as an indicator of the bacterial filth that has entered the milk along with it. When it is considered that milk forms the main article of food not of the well and hearty, but of children and the sick the danger from such a condition, as these analyses show to exist in the State at this time, becomes all the more apparent.

These samples were not collected with an eye for those that were dirty, but were taken from the carts of the dealers, without attention to their physical condition, simply to get a sample of the kind of milk that they were supplying to their customers.

In addition to the above chemical work at the laboratory the Director of the laboratory has read papers at the 1910 and 1911 State Dairy Conferences of the relation of dirt to bacteria in milk.

The amount of milk work done at the laboratory is shown in the following table, covering the three years that we have been doing this work for the Agricultural Department.

MILK ANALYSES.

Period 1909.	Period 1910.	% increase.	Period 1911.	% increase.
370	804	117	835	3.8

(II) Water analysis. As in the past our water work has consisted of analyses of both public and private water supplies. The private supplies, consisting of individual wells and springs, have been sent to us on recommendation of a physician in the great majority of cases. As a result they have most of them been suspected of causing trouble of some kind, and so the percentage of polluted samples is not to be taken as a measure of the purity of all of the water of the State.

During the period covered by this report we have been able to obtain samples from almost all of the water supplies of the State, which can be considered to be public supplies. There are still a few supplies from which we have been unable to obtain samples, as both the officials of the water company and the Secretary of the local board of health have failed to even answer the letters sent to them, although stamped and addressed envelopes were sent for their convenience. Such few supplies we are trying to get hold of by other means. The supply of the city of Belfast has been dropped from our list during the past year through refusal of the person, who had been collecting the samples, to collect any more, owing to the inconvenience to which he was put in so doing.

The methods of analysis are those of the American Public Health Association, and all results are reported in parts per 100,000.

During the past two years there have been examined 2263 samples of water, in contrast with 2249 samples examined during the forty months covered in the last report. The very considerable rate of increase in this water work is shown by the following tabulation, which represents the work during the two year periods since the establishment of the laboratory.

Period 1903.	Period 1904-5.	%	Period 1906-7.	%	Period 1908-9.	%	Period 1910-11.	%
64	453	708	771	110	1,724	133	2,263	75

These samples have come from 252 towns and cities, and from three plantations, representing every section of the State. They have been derived from practically all possible sources. The 2263 samples have come from the following sources, and in the following number:—Public supplies, 950: wells, 729: springs, 386: surface waters, exclusive of public supplies, 89: drilled wells, 82: ice, 5: cisterns, 5: "fountains," 2: mining shaft, 1: unknown source, 14. The 950 samples from the public water supplies have been classed as a whole in the above tabulation, although they include samples from surface waters, wells and springs. They will be dealt with in more detail under their proper heading.

Out of the above 2263 samples there were 344 which contained an amount of lead over 0.04 parts per 100,000. The lead in all of these cases was derived from action of the water on the pipes. All samples of water, drawn through lead pipes, are tested for this metal. The above number of lead waters in the past two years, coupled with the 397 samples in the same condition, as given in my last report, shows that this side of the sanitary problem is in need of our attention in this State. Considering the character of our spring and well waters it may be stated as a safe general proposition that they will act on lead pipe to some extent, and that practically all will dissolve as much as 0.04 parts per 100,000. In other words lead pipe cannot be considered a safe pipe to use with the ground waters of this State.

PUBLIC SUPPLIES.

As noted above, the laboratory has examined 950 samples of water from the public supplies of the State, during the period covered by this report. These samples came from 120 different systems, and comprise all but twelve of the supplies of the State, of which we have any knowledge. As covered by our last report, we had 88 public supplies on our list, which shows a growth of 32 new supplies on our list since the end of 1909. This does not mean that these supplies are all located in separate towns, as some towns have two or more aqueduct systems, as in the cases of Bingham and Winthrop which have four each, and of Sumner which has two. Wherever a town has a

system, irrespective of its size and irrespective of the number of such small systems, we wish to include all in our lists.

Since the publication of the last report from this office, or during the period covered by this report, we have lost the following supplies from our list, owing to refusal of the persons, who had been sending the samples, to longer continue to do so, and owing to failure to find persons who would take their places. The supplies which we have lost are from the Church Street Water Company, of Brownville; from the Peaks Island Water & Light Company; from the Coburn Aqueduct Company and the West Aqueduct Company of Skowhegan, and from the Belfast Water Company since January 1911.

There have been but few changes in the systems of the Water Companies of the State during the past two years. These changes will be taken up in their proper place, under the discussion of the individual supplies. Where no change in the source of supply, or in the physical condition of the plant, or in the sanitary conditions about the source of the supply has taken place no comment will be made upon the supply the table of the analyses being only inserted. For description of these supplies the reader is referred to the report of the laboratory, as given in the 15th Report of the State Board of Health. In the case of those supplies, which have come to us for the first time during the last two years, we shall include a brief description of the system with the analyses. Also any change in condition of the water of any system during the last two years will be commented on in connection with the analyses of the samples from that particular supply.

It is to be greatly regretted that the laboratory has no means, which would permit of a sanitary inspection of the sources of the supplies of all of the water companies of the State. In the case of the surface water supplies of the State this sanitary inspection is of greater value than any chemical or bacteriological examination can possibly be. It cannot be too strongly urged that a small appropriation for this purpose be asked for from the next legislature, if no general water supply bill can be obtained by the State Board of Health. It is the hope of the laboratory that, when this information is obtained, it may issue a report completely covering the water supplies of the State, so far as they may be used for sources of public supplies.

Out of the 120 public supplies, included in this report, there are 43 derived from lakes or ponds; 33 from springs; 21 from impounded brooks or streams; 13 from rivers; and 10 from wells of some kind.

None of the lake or pond supplies have shown evidence of contact with sewage pollution. With the single exception of the Friendship Water Company reservoir, which has continued to show the periodic pollution noted in the last report and due to the presence of a house which can drain into the reservoir, none of the spring supplies are polluted. Some of these supplies need to have better protection of the springs from the entrance of surface wash, as they have often been turbid after rains; but, even at these times, no evidence of sewage pollution has been visible. The supplies derived from the brooks and streams have been free from sewage pollution. As is natural, their chemical, bacterial and physical condition has varied more than has these same conditions in the lake and spring waters, which are used as sources of public supplies. This has made this class of waters less acceptable, save in a very few cases, than those from lakes and springs, owing to the lesser change in the latter two waters with the varying conditions of season, drought and flood.

The river waters of the State can be generally stated to be unfit to use for drinking purposes, unless they are first purified by filtration or, where they are clear, by sterilization. It may be stated as a fact that the waters of the large river systems of the State are unsafe to use for drinking purposes below the following towns, namely, Presque Isle on the Aroostook, Woodland on the St. Croix, Millinocket on the Penobscot, Madison on the Kennebec, Guilford on the Piscataquis, Berlin, N. H. on the Androscoggin, and Hiram on the Saco.

The public supplies of the State, drawn from wells, are all safe drinking waters, and are all in good physical condition except the supply of the town of Rumford, which contains such an amount of iron that it is unfit to use. A full report on this water was included in the last report of this office, and a few notes on its condition since then will be incorporated in its proper place in this report.

There are a few dangerous supplies in this State. Under the present statutes the State Board of Health can only notify

the people of the several towns of this condition, and advise the owners of the plants to correct conditions. The comparative absence of typhoid fever on the several watersheds during the past few years has apparently bred a feeling of indifference on the part of both the owners and consumers of these polluted waters, which is likely to have a rude awakening at any moment. There is urgent need of a law in this State that will give the State Board of Health more than advisory powers in this matter of stream pollution.

Following are the records of the analyses of the public water supplies of the State, which have sent samples to us during the past two years.

ANDOVER.

The samples from this supply have been sent to us by the Secretary of the local board of health, Dr. F. E. Leslie.

This supply is taken from Stony Brook. This brook is a mountain stream, taking its rise from springs about five miles from the village of Andover. For over three miles from its source the brook flows through wild lands. Three miles from its source the brook is dammed to form a small reservoir, where is located the intake of the water supply. On the watershed above the dam there are no houses, farms or camps, the country being entirely forest. There is now no chance for the pollution of this supply by sewage drainage. The dam is located two miles from the village of Andover, and 240 feet above the village, so that the distribution is by gravity.

As is natural with a small, steep and heavily wooded watershed this supply is subject to considerable fluctuations in color of the water, and in its vegetable content, yet neither of these reach the point attained by many of our pond waters. The water has been, and is at this time a safe and good drinking water in every respect.

ANDOVER.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3221	Mar. 28, 1910	0	0	Veg.	3.0	2.9	1.4	.0008	.0088	0	0	0.15	1.4
3632	Aug. 1, 1910	0	0	Veg.	1.6	3.3	1.8	.0050	.0104	0	0	0.07	1.57
3970	Oct. 31, 19 0	0	0	Veg.	1.6	3.3	2.0	.0018	.0088	0	0	0.10	1.49
4151	Jan. 16, 1911	0	0	0	1.8	3.8	2.3	.0022	.0110	0	0	0.10	1.8
4390	April 17, 1911	0	0	Veg.	2.0	3.1	1.5	.0058	.0120	0	0	0.05	1.15
4711	July 17, 1911	0	0	Veg.	1.7	3.6	2.5	.0022	.0062	0.01	0	0.04	1.30
5068	Oct. 17, 1911	0	0	Slight	1.9	3.5	2.2	.0022	.0060	0	0	0.08	1.60

AUBURN.

There have been no changes in the condition of the water supply of this city during the past two years.

AUBURN.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3065	Jan. 18, 1910	0	0	Veg.	0.2	3.4	2.2	.0005	.0093	0	0	0.25	2.1
3293	April 18, 1910	0	0	Veg.	0.2	2.8	1.6	.0006	.0084	0	0	0.25	1.5
3609	July 26, 1910	0	0	Veg.	0.1	3.3	2.3	.0044	.0126	Trace	0	0.225	2.0
3906	Oct. 18, 1910	0	0	Grassy	0	3.3	1.9	.0034	.0110	0	0	0.20	1.75
4162	Jan. 17, 1911	0	0	Grassy	0.1	3.4	2.6	.0024	.0096	0	0	0.25	2.2
4403	April 18, 1911	0	0	Slight	0.1	3.0	1.7	.0016	.0106	0	0	0.23	1.8
4707	July 17, 1911	0	0	Slight	0.2	3.8	2.3	.0056	.0088	0	0	0.20	2.1
5054	Oct. 16, 1911	0.9	Rust	Veg.	0.6	2.9	2.0	.0016	.0134	0	0	0.19	1.65

AUGUSTA.

During the spring of 1911 and the last three months of the same year low water in Carleton Pond, the regular source of the supply of this city, compelled the use of the emergency pumping station, taking water from Cobbosseecontee Lake. The samples from this latter source are marked in the appended tables. The water from Carleton Pond has maintained its high degree of purity during the past two years, and the analyses of the samples from the emergency supply have shown the water entirely free from pollution.

In addition to the regular public supply of this city there is a small system, known as the "Devine Water System," operating on certain streets. This is essentially a spring water system, although considerable surface water enters the reservoir during, and after rains. The springs are situated on the west side of Nigger Hill, and are above any pollution. The surface water that enters the reservoir, which is formed by a dam, thrown across a ravine, is derived from mowing lands and from woodlands, and has not showed evidences of contact with any polluting materials during the past two years. The only objection that can be raised to this water at this time is that the entrance of this surface wash makes the water roily after heavy rains, in which condition it often remains for several days.

AUGUSTA.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3021	Jan. 5,	1910	0	0	Veg.	0.9	4.1	2.0	.0008	0.158	0	0	0.20	2.5
3261	April 12,	1910	0	0	Veg.	1.3	3.9	2.3	.0005	0.089	0	0	0.20	2.0
3492	June 30,	1910	0	0	Veg.	1.9	2.9	1.4	.0026	0.148	0	0	0.225	1.6
3814	Sept. 21,	1910	0	0	Veg.	1.4	3.2	2.0	.0018	0.136	0	0	0.27	1.9
4095	Jan. 3,	1911	0	0	Veg.	1.2	3.4	1.9	.0018	0.192	Trace	0	0.20	2.0
4326*	Mar. 29,	1911	0	0	Veg.	0.9	4.1	2.8	.0028	0.206	0.01	Trace	0.27	2.5
4467	May 21,	1911	0	0	Grassy	1.3	3.75	2.4	.0022	0.182	0	0	0.21	1.95
4667	July 11,	1911	0.3	Veg. and ironrust	Moldy	2.6	3.8	1.9	.0016	0.168	0	0	0.17	1.45
5176*	Nov. 9,	1911	0	0	Veg.	0.6	4.05	2.3	.0054	0.132	0	0	0.24	1.60

*Cobbeseecontee Lake.

AUGUSTA PUBLIC SUPPLY—DEVINE WATER SYSTEM.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3522	July 8,	1910	0	0	Slight	0	8.9	7.2	.0002	0.013	0.035	0	0.425	7.00
4293	Mar. 9,	1911	0	0	0	0.1	8.8	8.0	.0002	0.034	0.04	0	0.27	6.40
4478	May 4,	1911	0	0	Slight	1.2	4.0	2.6	.0018	0.086	Trace	0	0.23	2.60
4844	Aug. 10,	1911	0	0	0	0	9.8	8.4	0	0.017	0	0	0.30	6.58
5209	Nov. 23,	1911	0	0	0	0.2	9.7	8.7	0	0.036	0.04	0	0.30	5.85

BANGOR.

The water supply of this city is still taken from the Penobscot River, but, during the period covered by this report, the city has put into operation a new filter plant. The first sample from this new plant came to us in April, 1911. The new plant was built and equipped by the New York Continental Jewell Filtration Company. During the construction of the plant the city of Bangor was represented by Prof. J. M. Caird, of Troy, N. Y., as supervising engineer. A full description of this plant is contained in the Engineering Record, of Jan. 21st, 1911, from which paper the following notes are abstracted.

The new plant adjoins the old one, being located on the banks of the Penobscot River at the end of the Water Works dam. The whole plant is normally operated by water power, although there is a high service pump for emergency purposes.

The old coagulating basin is used with the new plant, low duty pumps raising the water from the river directly into this basin. On its way to the sedimentation basin the water is dosed with the coagulent, sulphate of alumina and lime or soda ash being employed, and the rate of application of the chemical controlled automatically by the rate of flow of the raw water to the sedimentation basin. This result is accomplished by device of the New York Continental Jewell Filtration Company, which is fully described in the article above referred to.

From the sedimentation basin the water flows into the concrete influent chamber of the filtration plant, where it is maintained at a constant level by a float valve; and from which it passes through the pipe gallery to the filters, which are arranged four on each side of the pipe gallery, with which they are connected by 12-in. cast-iron pipes.

The filter units measure 18 ft. 2 in. x 24 ft., inside dimensions. The filtering material is 36 inches in total depth, consisting of 9 inches of gravel and 27 inches of sand, the effective size of the latter ranging from between 0.3 and 0.45mm. This is considerably finer sand than was used in the old plant.

During washing the filtering material will be agitated by an air blast under a pressure of 4 pounds, supplied by a motor driven Root blower. The wash water is taken directly from the clear water well, which lies under the filter units, by a centrifugal pump of 3500 gal. per minute, against a head of 36

feet. In washing the water in the filter units is first drawn down to about the level of the sand, and then the whole is thoroughly agitated by the air blast for about three minutes. The air is then turned off and the wash water turned on, the suspended matter being washed into iron troughs, by which it is carried to a concrete waste water flume, connecting with the sewer. After washing the filters the first of the new effluent is allowed to run to waste for a short time before connection of the filter is made with the clear water well, the waste water being run into the sewer.

The guarantee contract, under which this plant was built, calls for an average color removal of 85 per cent when the color of the water is 60 or greater. Ninety-seven per cent bacterial removal is required when there are 3300 or more bacteria per cubic centimeter in the raw water. If the bacterial content is less than this it is required that there shall not be an average of more than 100 bacteria per cubic centimeter in the filtered water.

The present plant has been built to operate at a rate of 100,000,000 gallons per acre per day.

The plant, as now in operation, is adequate to meet all the demands upon it without forcing the filters. As a result the character of the filtered water has been eminently satisfactory. Since the new filters were put into use none of the samples that have come to us have contained suspended hydrate of alumina, which for the previous five years had always been present. The color reduction, as well as the reduction in the organic material and in the bacterial content has been entirely satisfactory. During the period since April, 1911, no intestinal bacteria have been found in any of the samples that have reached me.

If the plant is maintained at the degree of efficiency, indicated by the samples sent to me since April, 1911, this water will remain, as it now is, a safe drinking water, and one in every way satisfactory for domestic use. It should not be lost sight of that skilled operation of this plant is necessary in order to accomplish results as satisfactory as those now obtained.

BANGOR.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3034	Jan.	11, 1910	0.2	Al (OH) ₃	Veg.	2.2	7.5	4.3	.0050	.0234	Trace	0	0.15	2.25
3247	April	5, 1910	0.3	Al (OH) ₃	Slight	0.2	5.2	3.2	.0012	.0064	0	0	0.25	2.7
3702	Aug.	15, 1910	0	0	Veg.	0.5	6.1	3.9	.0016	.0098	0.01	0	0.075	2.75
3897	Oct.	12, 1910	0.5	Al (OH) ₃	Veg.	2.2	7.1	4.6	.0036	.0218	0.02	0	0.175	2.38
4103	Jan.	3, 1911	0.9	Al (OH) ₃	Slight	0.8	6.8	4.3	.0072	.0084	Trace	0	0.15	2.10
4370	April	11, 1911	0	0	Veg.	0.2	5.4	3.6	.0018	.0070	Trace	0	0.12	2.80
4678	July	11, 1911	0	0	Slight	0.6	5.3	3.7	.0007	.0073	Trace	0	0.10	2.90
5004	Oct.	9, 1911	0	0	Moldy	0.6	5.5	3.8	.0042	.0080	0	0	0.08	2.55

BAR HARBOR.

There has been no change in this supply during the past two years. No trouble from the presence of algae has been experienced, the water maintaining its first-class condition at all times.

BAR HARBOR.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3035	Jan.	11, 1910	0	0	Veg.	0.8	3.2	1.8	.0004	.0114	0	0	0.775	2.4
3260	April	10, 1910	0	0	Grassy	0.2	3.0	1.9	.0017	.0071	0	0	0.625	1.2
3546	July	11, 1910	0	0	Grassy	0.3	2.8	1.4	.0008	.0098	0	0	0.575	1.07
3844	Oct.	3, 1910	0	0	Slight	1.4	3.0	2.0	.0002	.0072	0	0	0.60	1.49
4178	Jan.	19, 1911	0	0	Veg.	0.2	2.5	1.6	.0004	.0084	0	0	0.60	1.40
4387	April	12, 1911	0	0	Slight	0.2	3.1	2.3	.0004	.0090	0	0	0.58	1.25
4665	July	10, 1911	0	0	Veg.	0.3	3.2	1.6	.0016	.0096	0	0	0.54	1.05
5006	Oct.	7, 1911	0	0	0	0.2	2.5	1.5	.0026	.0064	0	0	0.60	1.15

BATH.

BATH—NEQUASSET LAKE.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3115	Feb. 2, 1910	0.3	0	Veg.	2.4	4.3	2.5	.0024	.0144	0	0	0.45	1.8
3316	April 21, 1910	0	0	Grassy	1.7	2.8	1.7	.0012	.0092	0	0	0.425	1.05
3576	July 19, 1910	0	0	Grassy	1.7	3.3	1.8	.0013	.0155	0	0	0.35	1.07
3875	Oct. 11, 1910	0	0	Veg.	1.6	2.5	1.4	.0008	.0136	0	0	0.40	1.19
4163	Jan. 17, 1911	0.3	0	Veg.	1.5	3.9	2.8	.0024	.0156	0	0	0.50	2.35
4410	April 18, 1911	0.8	0	Veg.	1.6	3.4	2.1	.0050	.0114	Trace	0	0.34	1.15
4493	May 8, 1911	0.3	0	Veg.	2.2	3.0	1.5	.0014	.0114	0	0	0.32	1.05
4724	July 18, 1911	0	0	Veg.	1.7	3.9	2.4	.0036	.0118	0	0	0.32	1.15
5060	Oct. 17, 1911	0.3	0	Veg.	1.7	3.4	1.9	.0070	.0114	0	0	0.35	1.45

BATH—THOMPSON BROOK.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3117	Feb. 2, 1910	0	0	Veg.	5.0	4.6	2.3	.0012	.0128	0	0	0.50	1.95
3315	April 21, 1910	0	0	Veg.	5.6	3.6	1.8	.0016	.0138	0	0	0.45	1.2
3577	July 19, 1910	0	0	Veg.	3.0	3.5	2.0	.0022	.0212	0	0	0.50	2.1
3877	Oct. 11, 1910	0	0	Veg.	1.7	3.1	1.6	.0028	.0266	Trace	0	0.475	1.04
4164	Jan. 17, 1911	0	0	Grassy	4.9	6.5	4.3	.0100	.0114	0	0	0.59	1.80
4405	April 18, 1911	0	0	Veg.	3.3	3.5	1.7	.0042	.0204	0	0	0.23	1.55
4715	July 18, 1911	0	0	Veg. and mouldy	5.1	4.9	2.1	.0042	.0292	0	0	0.45	1.15
5062	Oct. 17, 1911	0	0	Veg.	3.5	4.3	2.1	.0054	.0300	0	0	0.45	1.6

BELFAST.

No information could be obtained in regard to this supply, save that the water was from an artificial pond on a brook. The water from this source has been free from evidences of sewage pollution, but there is usually trouble with it during the summer months, due to the growth of algae. The water has also been turbid at all times, owing to the presence of a little clay in suspension.

Save for the three samples, whose analysis is appended, we have been unable to obtain samples from this supply, either from the water company or from the board of health.

BELFAST.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3284	April 16, 1910	0.4	0	Veg. and grassy	3.8	3.4	1.7	.0030	.0134	0	0	0.35	1.6
3552	July 14, 1910	0.4	F e	Veg. and moldy	3.9	4.5	2.3	.0022	.0172	0	0	0.40	1.68
3872	Oct. 10, 1910	0.3	0	Slight & grassy	1.9	4.8	3.1	.0018	.0176	0	0	0.375	2.2

BERWICK.

The sanitary condition of this water has been satisfactory during the past two years, while its chemical character has been more nearly constant than before, probably due to the long period of drought, which has allowed but little surface water to enter the wells.

BERWICK.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3103	Jan. 31, 1910	0	0	Slight	0.8	7.2	5.0	.0022	.0058	0.03	0	0.625	4.2
3321	April 25, 1910	0	0	Veg.	1.0	5.0	3.7	.0014	.0074	0.02	0	0.55	3.0
3653	Aug. 2, 1910	0	0	Veg.	1.6	4.8	3.0	.0016	.0148	Trace	Trace	0.325	2.55
3949	Oct. 25, 1910	0	0	Slight	1.6	5.0	3.5	.0020	.0172	Trace	0	0.35	2.65
4201	Jan. 24, 1911	0	0	Veg.	1.6	7.40	5.55	.0034	.0140	0.03	0	0.44	3.90
4450	April 25, 1911	0	0	Slight	1.7	5.2	3.1	.0032	.0134	0.02	0	0.34	2.50
4776	July 25, 1911	0	0	Veg.	3.7	5.7	3.5	.0018	.0218	.035	0	0.31	2.65
5092	Oct. 23, 1911	0	0	Grassy	1.6	6.2	5.0	.0002	.0126	0	0	0.51	2.50

BETHEL.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3062	Jan. 18, 1910	0	0	Veg.	0.6	3.1	2.2	0	.0026	0	0	0.10	1.65
3341	April 26, 1910	0	0	Veg.	2.0	2.9	1.4	.0009	.0105	0	0	0.10	1.05
3615	July 26, 1910	0	0	Veg.	0.6	2.9	2.0	.0002	.0056	Trace	0	0.10	1.07
3919	Oct. 18, 1910	0	0	Veg.	0	2.6	1.6	.0014	.0032	0	0	0.04	1.16
4218	Jan. 24, 1911	0	0	0	0.1	2.8	2.1	.0003	.0051	0	0	0.05	2.00
4443	April 24, 1911	0	0	0	0.8	2.6	1.3	.0022	.0054	0	0	0.10	1.15
4784	July 25, 1911	0	0	0	0.9	3.3	2.40	.0017	.0029	0	0	0.09	1.15
5111	Oct. 24, 1911	0	0	Veg.	3.5	4.40	2.20	.0034	.0086	0.02	0	0.22	1.00

BIDDEFORD.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3082	Jan. 25, 1910	0	0	Veg.	0.1	3.5	2.4	.0018	.0076	0	0	0.35	2.6
3267	April 12, 1910	0	0	Slight	0	3.6	2.5	.0002	.0058	0	0	0.125	2.0
3627	Aug. 1, 1910	0	0	Woody	0.7	2.9	2.0	.0005	.0083	0	0	0.20	1.30
3947	Oct. 25, 1910	0	0	Veg.	0.1	3.1	2.1	.0002	.0074	0	0	0.20	1.35
4196	Jan. 24, 1911	0	0	Veg.	0.1	3.5	2.8	.0016	.0080	Trace	0	0.15	1.50
4442	April 25, 1911	0	0	0	0.1	3.0	2.0	.0012	.0068	0	0	0.10	1.45
4757	July 24, 1911	0	0	Moldy	0.1	2.8	2.1	.0018	.0032	0	0	0.12	1.30
5086	Oct. 23, 1911	0	0	Slight	0	3.4	2.5	0	.0036	0	0	0.13	1.45

BINGHAM.

The samples from this town have been furnished by the Secretary of the local board of health. There are four sources of supply in this town. All four supplies come from springs, and are known as the Cummings' Spring Aqueduct; the Owen's Spring Aqueduct; the Smith Spring Aqueduct and the Bingham Water Company spring. All four of these waters have been in safe and good condition during the past two years. None of them have shown either chemical or bacterial evidence of recent contact with sewage pollution.

In addition to these supplies we have examined a number of samples of water from Jackson Pond, which is to be used by the town of Bingham as the source of a general public supply, early in 1912. This water has also been in first-class condition.

We have had no information as to the surroundings of these several springs, save the statement that they are in clean locations, and that the Smith and Cummings springs are in cultivated land.

BINGHAM PUBLIC SUPPLY—CUMMINGS' SPRING AQUEDUCT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3189	Mar. 22, 1910	0	0	0	0	5.7	4.3	.0005	.0031	0.075	0	0.35	3.75
3694	Aug. 11, 1910	0	0	0	0	5.25	3.1	.0008	.0014	0.15	0	0.50	2.0
3991	Nov. 1, 1910	0	0	0	0	6.9	5.4	.0005	.0029	0.20	Trace	0.425	3.15
4110	Jan. 3, 1911	0	0	0	0	6.1	4.4	0	.0032	0.15	0	0.50	4.50
4351	April 5, 1911	0	0	0	0	6.3	4.8	0	.0036	0.125	0	0.35	3.05
4654	July 5, 1911	0	0	Slight	0.6	6.0	4.4	.0007	.0113	0.05	.0016	0.28	4.10
5036	Oct. 10, 1911	0	0	0	0	6.6	5.4	.0005	.0031	0.10	0	0.25	3.85

BINGHAM PUBLIC SUPPLY—OWEN'S SPRING AQUEDUCT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3190	Mar. 22, 1910	0	0	0	0	4.4	3.6	.0002	.0015	0.025	0	0.20	3.6
3692	Aug. 22, 1910	0	0	0	0	5.7	3.8	.0010	.0016	0.025	0	0.20	3.76
3993	Nov. 1, 1910	0	0	0	0.3	6.5	5.7	.0003	.0009	0.03	0	0.15	3.85
4111	Jan. 3, 1911	0	0	Slight	0	6.2	5.0	.0012	.0016	0.03	0	0.25	4.40
4349	April 5, 1911	0	0	0	0	5.3	4.6	.0007	.0015	0.04	Trace	0.15	2.90
4653	July 5, 1911	0	0	0	0	5.3	4.2	.0004	.0012	0.025	0	0.14	3.95
5039	Oct. 10, 1911	0	0	0	0	5.5	4.6	.0018	.0026	0.03	0	0.12	3.60

BINGHAM PUBLIC SUPPLY—SMITH SPRING ACQUEDUCT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3188	Mar. 22, 1910	0	0	0	0	8.60	1.80	0	.0016	0.20	0	0.475	5.4
3691	Aug. 11, 1910	0	0	0	0	10.40	7.20	.0010	.0007	0.20	0	0.60	5.66
3992	Nov. 1, 1910	0	0	0	0	11.0	9.4	.0022	.0106	0.275	0	0.60	6.5
4113	Jan. 3, 1911	0	0	0	0.2	9.95	8.20	0	.0044	0.20	Trace	0.525	4.6
4350	April 5, 1911	0	0	Slight	0	9.30	7.80	.0007	.0031	0.25	0	0.48	5.45
4655	July 5, 1911	0	0	0	0	9.40	7.90	.0002	.0030	0.175	0	0.49	5.55
5038	Oct. 10, 1911	0	0	0	0	10.00	7.90	.0002	.0024	0.20	0	0.48	6.15

BINGHAM PUBLIC SUPPLY—BINGHAM WATER COMPANY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3191	Mar. 22, 1910	0	0	0	0.1	4.2	2.8	.0004	.0030	0.062	0	0.30	2.45
3693	Aug. 11, 1910	0	0	0	0	5.85	3.75	.0010	.0030	0.06	0	0.425	3.13
3994	Nov. 2, 1910	0	0	0	0	4.50	3.60	.0007	.0037	0.02	0	0.275	2.95
4112	Jan. 3, 1911	0	0	Veg.	1.7	6.70	4.10	.0072	.0162	0.04	Trace	0.30	3.50

BOOTHBAY HARBOR.

The sanitary condition of this water has been good during the past two years, and its turbid appearance has not been as noticeable as it was formerly, owing probably to the lack of rains during this period. The recommendation of change of the intake to a greater distance from shore, and its location in deeper water, which was made in the last report on this water, is repeated. This should result in a considerable improvement in the appearance of this water.

BOOTHBAY HARBOR.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3068	Jan. 19, 1910	0	0	Veg.	2.2	5.4	3.2	.0003	.0251	0	0	0.80	3.0
3306	April 19, 1910	0	0	Veg.	1.2	3.8	2.4	.0012	.0136	0	0	0.65	2.0
3568	July 19, 1910	0	0	Veg.	1.5	4.0	2.4	.0034	.0188	0	0	0.775	1.95
3911	Oct. 18, 1910	0	0	Veg.	0.9	4.6	2.6	.0024	.0208	0	0	0.65	1.9
4170	Jan. 17, 1911	0.5	0	Veg.	1.4	5.4	3.4	.0054	.0148	0	0	0.77	2.35
4216	Jan. 24, 1911	0	0	Grassy	1.0	4.8	3.1	.0034	.0170	Trace	0	0.73	1.12
4364	April 10, 1911	1.3	0	Veg.	1.7	5.8	3.65	.0074	.0216	Trace	0	0.72	2.20
4720	July 18, 1911	0	0	Moldy	1.4	4.7	3.10	.0012	.0174	0	0	0.69	1.95
5108	Oct. 23, 1911	0	2	Grassy	1.4	4.7	3.0	.0007	.0177	0	0	0.72	1.45
5143	Nov. 7, 1911	0	0	Veg.	1.3	4.4	2.8	.0020	.0178	0	0	0.71	1.45
5144	Nov. 7, 1911	0	0	Veg.	1.3	4.4	2.8	.0018	.0200	0	0	0.71	1.45

BREWER.

The water supply of this city is still derived from the Penobscot River at Veazie, the water being simply strained through a mechanical filter tub, without any coagulant. The water is entirely unfit to use for drinking purposes, and is as badly polluted by both domestic and industrial sewage as was the Bangor supply before filtration. B. Coli have always been found in as little as 1-30 of an ounce of this water. This supply is probably receiving the greatest amount of pollution of any supply in the State at this time.

During the session of 1911 the legislature gave the Bangor Railway & Electric Company, the owners of this plant, the right to go to Brewer Pond for a pure water supply. Many analyses have been made of samples from this source, which have showed a water in first-class condition to use for drinking. No change in the source of supply has been made as yet.

BREWER.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3041	Jan. 12, 1910	0	0	Veg.	4.9	6.8	3.0	.0020	.0234	0	0	0.15	3.1
3243	April 5, 1910	0	0	Slight & Veg.	3.5	4.1	1.8	.0036	.0098	0	0	0.15	1.9
3518	July 7, 1910	0	0	Veg.	4.3	4.7	2.0	.0052	.0144	Trace	Trace	0.175	1.8
3750	Aug. 29, 1910	0	0	Veg.	4.0	4.9	2.7	.0022	.0182	Trace	0	0.20	1.49
3849	Oct. 4, 1910	0	0	Veg.	5.5	6.2	3.0	.0014	.0190	0	0	0.10	2.2
4102	Jan. 3, 1911	0	0	Veg. and sulphite	4.2	6.8	3.7	.0056	.0166	0	Trace	0.20	2.8
4344	April 4, 1911	0	0	Veg.	2.7	6.1	2.4	.0036	.0230	0	0	0.15	2.2
4694	July 12, 1911	0	0	Veg.	5.0	5.6	2.7	.0070	.0156	Trace	0	0.20	1.85
5025	Oct. 10, 1911	0	0	Veg.	6.0	6.6	2.9	.0090	.0128	Trace	0	0.17	2.40

BRIDGTON.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3083	Jan. 24, 1910	0	0	Veg.	0.9	2.2	0.8	.0028	.0118	0	0	0.25	2.0
3317	April 25, 1910	0	0	Veg.	1.5	3.0	1.3	.0030	.0096	0	0	0.17	1.2
3588	July 25, 1910	0	0	Veg.	1.5	2.9	1.4	.0014	.0126	Trace	0	0.20	1.07
3901	Oct. 17, 1910	0	0	Veg.	1.5	2.5	1.1	.0008	.0166	0	0	0.175	1.9
4187	Jan. 23, 1911	0	0	Slight	1.4	3.35	1.80	.0024	.0150	0	0	0.17	1.5
4453	April 24, 1911	0	0	Veg.	1.4	3.0	1.5	.0036	.0110	Trace	0	0.15	1.45
4772	July 24, 1911	0	0	Slight	1.5	3.1	1.8	.0030	.0090	0	0	0.10	1.15
5093	Oct. 23, 1911	0	0	Veg.	0.8	3.1	2.1	.0034	.0094	0	0	0.13	1.45

BROOKS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3027	Jan. 8, 1910	0	0	0	0	5.8	4.5	.0002	.0044	0.045	Trace	0.30	3.45
3304	April 19, 1910	0	0	0	0	4.7	3.7	0	.0020	0.04	0	0.30	2.4
3565	July 19, 1910	0	0	Slight	0.2	6.5	5.4	.0005	.0033	0.03	.0006	0.40	4.70
3868	Oct. 8, 1910	0	0	0	0	5.7	5.1	0	.0024	0.03	0	0.20	2.90
4132	Jan. 9, 1911	0	0	Slight	0.1	4.8	3.8	.0034	.0008	0.01	0	0.28	2.80
4356	April 10, 1911	0	0	0	0	4.1	3.4	.0004	.0018	0.025	0	0.20	2.10
4728	July 18, 1911	0	0	Grassy	0.3	7.0	5.9	.0003	.0032	0.03	0	0.27	2.90
5059	Oct. 16, 1911	0	0	0	0.1	5.4	4.3	.0007	.0055	0.025	0	0.20	3.05

BROWNVILLE.

Since the first of 1911 we have been unable to obtain samples from the Church Street Water Company. In February 1911 we began to receive samples from the Brownville & Williamsburg Water Company which supplies water at the village of Henderson, or Brownville Junction. The results of the analysis of the water from this supply is included for the first time in this report.

The water from all of these sources has been in good condition during the past two years. The four samples from the companies at Brownville represent spring waters. The sample from the company at Henderson represents a water that is largely surface water, although it is sent as a spring water. As there has been no evidence of contact of this surface wash with polluting materials it has not affected the quality of the water aside from giving it some color, due to the vegetable material, which it has taken into solution from the surface of the soil.

All five of these samples represent safe drinking waters at this time.

BROWNVILLE PUBLIC SUPPLY—BRIGGS WATER COMPANY.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3128	Feb. 8, 1910	0	0	0	0.1	5.0	3.9	0	0070	0.025	0	0.20	3.3	
3354	May 3, 1910	0	0	0	0.3	4.7	3.3	.0002	0030	0.03	0	0.20	2.7	
3680	Aug. 9, 1910	0	0	Veg.	0.1	5.2	3.3	.0002	0058	0.30	0	0.25	3.21	
4010	Nov. 8, 1910	0	0	Veg.	0.6	7.3	5.9	.0026	0050	0.04	.0003	0.25	4.17	
4274	Feb. 28, 1911	0.3	0	Slight	0.3	5.8	4.7	.0012	0044	0.035	.0007	0.21	2.95	
4451	April 25, 1911	0	0	0	0	3.6	2.4	.0003	0043	0.02	.0002	0.175	2.10	
4898	Aug. 29, 1911	0	0	0	1.0	6.2	4.5	.0027	0093	0.025	0	0.225	3.38	
5172	Nov. 7, 1911	0	0	Veg.	1.2	5.1	4.0	0	0048	0.02	0	0.20	3.20	

BROWNVILLE PUBLIC SUPPLY—BROWN SPRING WATER COMPANY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3112	Feb. 1, 1910	0	0	0	0	3.7	2.5	0	.0018	0.035	Trace	0.10	2.3
3356	May 3, 1910	0	0	0	0	3.0	1.4	.0010	.0018	0.02	0	0.075	1.6
3678	Aug. 9, 1910	0	0	0	0.3	4.5	3.3	0	.0010	0.02	0	0.20	2.52
4013	Nov. 8, 1910	0.3	F e	0	0.2	6.2	4.8	.0008	.0024	0.04	0.01	0.14	2.53
4251	Feb. 20, 1911	0	0	Slight	0	2.7	2.0	.0014	.0014	0.025	0	0.10	2.20
4428	April 22, 1911	0	0	Veg.	0	3.0	2.1	0	.0036	0.025	0	0.06	1.70
4838	Aug. 8, 1911	0	0	0	0	4.0	2.6	0	.0026	0.02	0	0.12	2.45
5133	Oct. 31, 1911	0	0	0	0	3.7	3.0	0	.0016	0.035	0	0.03	2.20

BROWNVILLE PUBLIC SUPPLY—BROWNVILLE WATER COMPANY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3107	Feb. 1, 1910	0	0	0	0.2	4.7	3.1	.0005	.0027	0.02	0	0.20	2.7
3361	May 3, 1910	0	0	0	0	3.8	3.0	.0011	.0034	0.02	0	0.25	2.4
3677	Aug. 9, 1910	0.1	Iron	0	0	5.3	4.0	.0002	.0026	0.02	0	0.225	3.36
4250	Feb. 20, 1911	0	0	0	0	5.0	3.9	.0007	.0020	0.025	0	0.27	2.9
4436	April 24, 1911	0	0	Slight	0	4.3	3.3	.0003	.0033	0.02	0	0.17	2.9
4811	Aug. 1, 1911	0	0	0	0	6.7	4.5	0	.0050	0.025	0	0.26	4.06
5139	Nov. 1, 1911	0	0	0	0	5.8	4.5	.0002	.0020	0.03	0	0.24	3.95

BROWNVILLE PUBLIC SUPPLY—CHURCH STREET WATER COMPANY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3106	Feb. 1, 1910	0	0	0	0.2	5.1	3.5	0	.0020	0.025	0	0.10	3.3
3359	May 3, 1910	0	0	0	0	4.0	3.1	.0012	.0040	0.02	0	0.10	2.7
3679	Aug. 9, 1910	0	0	0	0	6.2	5.0	.0004	.0034	0.01	0	0.425	4.40
4012	Nov. 8, 1910	0	0	0	0	5.8	4.6	0	.0026	0.05	0	0.125	2.98

BROWNVILLE PUBLIC SUPPLY—BROWNVILLE & WILLIAMSBURG WATER COMPANY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
4252	Feb. 21, 1911	0	0	Veg.	1.6	5.3	3.2	.0034	.0120	0.04	0	0.28	2.55
4461	April 27, 1911	0	0	Veg.	1.9	5.3	3.2	.0028	.0102	0.05	0	0.17	2.50
4816	Aug. 1, 1911	0	0	Veg.	1.4	6.7	5.4	.0022	.0098	0.07	0	0.20	3.90
5131	Oct. 31, 1911	0	0	Veg.	3.0	6.3	3.5	.0016	.0128	0.04	0	0.27	2.90

BRUNSWICK.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3060	Jan. 18, 1910	0	0	0	0.2	6.4	5.1	0	.0008	0.02	0	0.475	3.0
3308	April 18, 1910	0	0	0	0	5.4	4.6	0	.0016	0.02	0	0.475	3.0
3566	July 19, 1910	0	0	0	0	5.5	4.4	.0003	.0039	0.02	0	0.50	1.5
3876	Oct. 11, 1910	0	0	0	0	5.0	4.2	.0002	.0006	0.02	0	0.45	2.68
4172	Jan. 18, 1911	0	0	0	0	5.9	4.5	.0002	.0020	0.02	0	0.55	2.68
4429	April 18, 1911	0.2	Fe rust	Slight	0.1	5.0	4.0	.0012	.0046	0.02	0	0.53	2.65
4732	July 19, 1911	0	0	0	0	5.8	4.7	.0004	.0014	0.02	0	0.46	2.65
5055	Oct. 16, 1911	0	0	0	0.1	5.7	4.7	.0002	.0030	0.02	0	0.45	2.66

BUCKFIELD.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3097	Jan. 26, 1910	0	0	Veg.	0.1	3.4	1.7	.0002	.0128	0	0	0.175	2.0
3334	April 26, 1910	0	0	Grassy	0.3	2.6	1.4	.0008	.0126	0	0	0.15	1.3
3598	July 25, 1910	0	0	Veg.	0.2	2.6	1.8	.0013	.0099	Trace	0	0.175	1.6
3967	Oct. 26, 1910	0	0	Veg.	0.2	3.2	1.9	.0014	.0134	0	0	0.125	1.75
4204	Jan. 24, 1911	0.1	0	Slight & grassy.	0.2	3.1	1.6	.0032	.0142	0	0	0.17	1.8
4426	April 19, 1911	0	0	0	0.1	1.1	1.0	.0052	.0084	Trace	0	0.08	1.1
4718	July 18, 1911	0	0	0	0.3	2.4	1.5	.0012	.0108	0	0	0.15	1.3
5113	Oct. 26, 1911	0	0	Slight	0.2	2.4	1.3	.0007	.0127	0	0	0.17	1.4

BUCKSPORT.

This supply has maintained about the same condition as in the previous two years. The objection to this water is its high and fluctuating color and vegetable content, as it is free from evidences of sewage pollution. This water could be easily decolorized by treatment in a small mechanical filtration plant, with sulphate of alumina as the coagulent, and both its appearance and vegetable content very greatly improved.

BUCKSPORT.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3037	Jan. 11, 1910	0	0	Veg.	6.8	5.9	2.7	.0036	.0282	Trace	0	0.425	3.0
3279	April 13, 1910	0	0	Veg.	3.7	3.6	1.8	.0032	.0198	0	0	0.35	2.05
3539	July 12, 1910	0	0	Veg.	6.0	3.3	1.4	.0080	.0304	0	0	0.375	1.22
3888	Oct. 11, 1910	0	0	Veg.	5.0	4.7	2.1	.0036	.0314	0	Trace	0.40	2.4
4128	Jan. 9, 1911	0	0	Veg.	5.5	5.9	3.3	.0070	.0248	0.02	0	0.42	2.8
4373	April 11, 1911	0	0	Veg.	4.2	5.2	2.8	.0056	.0200	0.01	0	0.37	2.5
4677	July 11, 1911	0	0	Grassy	9.0	5.9	2.5	.0054	.0320	Trace	0	0.28	2.25
5022	Oct. 10, 1911	0	0	Veg.	5.4	4.8	2.0	.0036	.0264	0	0	0.33	2.5

CALAIS.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3093	Jan. 25, 1910	0	0	Veg.	2.0	4.1	2.7	.0002	.0068	0	0	0.30	2.2
3273	April 12, 1910	0	0	Slight	0.5	3.4	2.3	0	.0024	0.02	0	0.27	2.1
3534	July 11, 1910	0	0	Slight	0.8	4.1	2.4	.0007	.0061	0.02	0	0.125	1.98
3863	Oct. 4, 1910	0	0	Slight	0.4	4.3	2.3	.0014	.0076	0.01	0	0.17	2.00
4140	Jan. 10, 1911	0	0	Slight	1.2	3.6	2.1	.0008	.0072	0.03	0	0.23	2.10
4383	April 11, 1911	0	0	Slight	0.2	3.5	2.3	.0030	.0058	0.015	0	0.25	1.95
4681	July 11, 1911	0	0	Slight	1.5	4.0	2.7	.0018	.0060	0.005	0	0.13	2.25
5027	Oct. 9, 1911	0	0	0	0.6	4.3	3.0	.0002	.0092	Trace	0	0.17	1.9

CAMDEN & ROCKLAND WATER COMPANY.

The condition of the water from Mirror Lake has been first-class, as it always has in the past. Chickawaukie Lake is, at times, used to supply Rockland and Thomaston, but never Camden. A sample of water from this source was sent to me during the past year, but it was not a representative sample, as it was taken not from the pipes, but from the surface, and near the shore. Owing to the settled lands about this lake, and owing to the fact that analysis of the waters of brooks entering this pond has shown evidence of considerable pollution by farm drainage, this pond does not seem a satisfactory source for a public water supply.

CAMDEN.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3031	Jan. 11, 1910	0	0	0	0.8	3.5	2.1	.0002	.0078	0	0	0.50	2.1
3300	April 19, 1910	0	0	Slight	0.2	1.9	1.3	.0012	.0074	0	0	0.40	1.2
3569	July 18, 1910	0	0	0	0.1	2.6	1.4	.0034	.0080	0	0	0.475	1.3
3840	Sept. 29, 1910	0	0	Slight	0.2	2.9	1.7	.0002	.0062	0	0	0.39	1.7
4137	Jan. 10, 1911	0.3	0	Veg.	0.9	2.8	1.8	.0022	.0092	0	0	0.45	1.1
4371	April 11, 1911	0	0	0	0.3	3.4	2.1	.0022	.0124	Trace	0	0.42	1.4
4699	July 13, 1911	0	0	0	0.3	3.0	2.0	.0008	.0068	0	0	0.40	1.3
4916	Sept. 4, 1911	0	0	0	0	3.0	1.9	0	.0096	0	0	0.40	1.29
5024	Oct. 10, 1911	0	0	0	0.1	2.3	1.4	.0010	.0072	0	0	0.40	1.25
5160	Nov. 6, 1911	0	0	0	0.3	3.4	2.8	.0002	.0084	0	0	0.40	1.45

CARIBOU.

The supply for this town still comes from the Aroostook River, the water being taken directly from the river into the pipes. Sewage conditions on the river above have in no way improved during the last two years, but have grown worse. During the period covered by this report intestinal bacteria have been found in this water. Conditions about the source of this supply are now such that only the absence of typhoid fever on the watershed above this town prevents a water-borne epidemic of this disease, transmitted through the agency of this supply. At this time the water from the Aroostook River at Caribou would be considered unsafe to use for drinking pur-

poses, unless it were first boiled. Filtration of this supply, or immediate change to an unpolluted source of supply is imperative, as this present water is a continual source of danger to the users.

CARIBOU.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.	
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.			Nitrites.
3090	Jan. 24, 1910	0		Veg.	2.6	7.0	2.3	.0018	.0108	0.015	0	0.225	6.0
3245	April 4, 1910	0.3		Veg.	3.2	5.95	3.3	.0028	.0088	0.012	0	0.15	3.15
3634	Aug. 1, 1910	0		Veg.	6.0	7.0	4.1	.0044	.0220	0.0	0	0.14	4.80
3961	Oct. 25, 1910	0		Veg.	1.4	8.9	6.4	.0110	.0144	0.02	Trace	0.20	6.50
4084	Dec. 20, 1910	0.1		Veg.	3.1	9.9	5.9	.0030	.0180	0.0175	0	0.30	5.60
4085	Dec. 21, 1910	0		Veg.	3.2	9.9	6.0	.0038	.0242	0.0175	0	0.30	5.60
4212	Jan. 23, 1911	0		Veg.	2.5	8.0	5.1	.0046	.0108	0.02	0	0.17	4.60
4445	April 24, 1911	0.8		Veg.	3.8	5.9	3.2	.0028	.0166	0.025	0	0.08	3.40
4839	Aug. 7, 1911	0		Veg.	5.1	7.0	4.9	.0012	.0130	0	0	0.10	3.95
4955	Sept. 19, 1911	0		Veg.	5.0	7.5	3.7	.0070	.0124	Trace	0	0.10	2.80
5135	Oct. 30, 1911	0		Veg.	4.2	6.5	3.7	.0018	.0128	0	0	0.12	3.40

CASTINE.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.	
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.			Nitrites.
3043	Jan. 13, 1910	0		Slight	0.3	9.2	7.2	0	.0020	0.10	0	0.55	5.4
3258	April 11, 1910	0.2		Slight	0.1	5.1	3.8	0	.0122	0	0	0.40	3.1
3530	July 11, 1910	0		Slight	0.1	7.0	5.6	.0042	.0060	0.055	0	0.60	3.97
3895	Oct. 12, 1910	0		Slight	0	7.2	6.7	.0002	.0024	0.10	.0003	0.525	5.2
4124	Jan. 9, 1911	1.7		Veg.	1.8	11.8	8.7	.0044	.0194	0.12	0	0.68	5.7
4385	April 11, 1911	0.9		Veg.	0.9	6.9	5.2	.0034	.0096	0.048	0	0.62	2.8
4703	July 15, 1911	0		Veg.	1.2	9.3	6.5	.0034	.0096	Trace	0	0.57	4.9
5003	Oct. 8, 1911	0		0	0	8.3	7.2	.0004	.0058	0.075	0	0.47	5.15

CHERRYFIELD.

This town is supplied by two fairly large aqueduct systems, the West Side Aqueduct and the East Side Aqueduct companies, and by several private aqueducts. We have had three samples from the two larger aqueducts during the past two years, sent by the local board of health. The supplies of the

two above companies are taken from two springs near the village. The springs issue from the gravel, and are about 100 feet above the village, with surroundings free from possibilities of pollution.

The spring of the East Side Aqueduct company is situated in the center of a forest covered pasture land, the growth being a mixed one of cedar, spruce and maple. The nearest house, barn or stable is a half mile away, and at a lower level. The water is delivered by gravity, through log pipes of Norway pine. These are said to rot out in the gravel, but to last well in clay.

The spring of the West Side Aqueduct company is situated in a pasture, a thousand feet away from any source of pollution, and at an elevation above it. The spring is cemented and covered by a wooden house. In spite of this it is reported that there is a slight degree of turbidity present after heavy rains, indicating the entrance of a little surface wash. The water from this system is distributed in tarred iron pipes, and is a gravity supply.

The springs of both of these companies are said to yield plenty of water during the winter, but sometimes they are low during the summer.

CHERRYFIELD PUBLIC SUPPLY—EAST SIDE AQUEDUCT.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3248	April	5, 1910	0	0	Slight	0.2	4.1	3.2	0	.0014	0	0	0.70	1.95
4021	Nov.	7, 1910	0	0	0	0	7.5	6.5	.0002	.0018	0	0	0.54	4.45
4225	Jan.	30, 1911	0	0	0	0	6.8	6.0	.0020	.0042	.015	.0003	0.48	4.20

CHERRYFIELD PUBLIC SUPPLY—WEST SIDE AQUEDUCT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3249	April 5, 1910	0	0	0	0	7.25	5.55	0	.0036	0.01	0	0.525	2.7
4023	Nov. 8, 1910	0	0	0	0	8.40	7.00	.0002	.0010	0.02	0	0.54	4.74
4226	Jan. 30, 1911	0	0	0	0	8.40	7.20	.0018	.0026	0.01	0	0.48	4.05

DAMARISCOTTA.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3047	Jan. 15, 1910	0	0	Veg.	1.0	3.2	1.5	.0034	.0144	0	0	0.45	1.65
3299	April 18, 1910	0	0	Veg.	1.0	2.75	1.6	.0022	.0100	0	0	0.45	1.35
3567	July 18, 1910	0	0	Veg.	1.3	2.9	1.3	.0010	.0168	0	0	0.50	1.20
3913	Oct. 17, 1910	0	0	Veg.	1.0	3.1	2.1	.0016	.0176	0	0	0.45	1.46
4161	Jan. 14, 1911	0.1	0	Veg.	1.5	3.4	2.5	.0014	.0164	0	0	0.45	1.95
4360	April 10, 1911	0	0	Grassy	1.1	3.3	2.2	.0026	.0118	Trace	0	0.43	1.40
4738	July 17, 1911	0	0	Veg.	1.6	2.9	1.6	.0034	.0100	0	0	0.41	1.15
5053	Oct. 16, 1911	0	0	Grassy	1.0	4.0	2.8	.0016	.0154	0	0	0.38	1.45

DANFORTH.

The water from this supply has maintained about the same condition as during the past few years except during a period in January, 1911. A sample from this supply, sent during this period, is reported in the analyses as No. 4104. It was sent on account of suspicion on the part of the health officer that the company was pumping water from the mill pond, and not from the well. The analysis showed this to be the case, and that the water in the mill pond was in far from satisfactory condition, even though intestinal bacteria were absent at the time of the analysis. It was advised that this source of supply be at once cut off. If water is used from this source in the future the Water Company should give warning of this condition, so that the users of the water can boil all that they use for drinking.

DANFORTH.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3069	Jan. 19, 1910	0	0	Slight	0.9	15.0	12.0	.0002	.0074	0.25	0	0.625	14.5
8333	April 26, 1910	0	0	0	0.2	10.3	8.7	0	.0068	0.10	0	0.50	8.2
3600	July 26, 1910	0	0	Slight	0.3	12.9	10.7	.0012	.0078	0.10	0	0.525	10.6
3929	Oct. 18, 1910	0	0	0	0.6	14.7	12.4	.0002	.0062	0.15	.0003	0.60	11.92
4104	Jan. 3, 1911	0.3	0	Veg.	3.3	5.8	3.7	.0038	.0152	0.06	0	0.20	3.50
4448	April 25, 1911	0.1	0	0	0.5	7.5	6.1	.0003	.0091	0.045	0	0.32	5.70
4779	July 25, 1911	0	0	Slight	0.5	12.8	10.8	.0012	.0050	0.125	0	0.47	9.15
5204	Nov. 21, 1911	0	0	Slight	0.2	13.45	11.30	.0018	.0060	0.087	Trace	0.40	10.4

DEXTER.

The first samples from this supply came to us in January, 1910. The source of the supply is Lake Wassookeag, and is taken from what is known as the "Upper pond." The water in this pond is from 8 to 12 feet deep, and the bottom is gravel. No further information could be obtained in regard to this supply. The analyses have shown the water to be excellent in every respect and free from all evidences of contact with sewage wastes.

DEXTER.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3205	Mar. 26, 1910	0	0	Slight	0.2	3.60	2.50	.0020	.0086	0	0	0.10	2.1
3557	Aug. 6, 1910	0	0	Slight	0.2	4.10	2.40	.0008	.0096	Trace	0	0.20	2.1
3972	Oct. 31, 1910	0	0	Grassy	0.4	3.80	2.50	.0028	.0126	0	0	0.125	3.2
4091	Jan. 2, 1911	0	0	Veg.	0.2	4.00	2.50	.0050	.0120	Trace	0	0.17	3.2
4327	April 1, 1911	0	0	Veg.	0.2	4.80	3.00	.0007	.0107	0	Trace	0.18	2.6
4672	July 11, 1911	0	0	0	0.9	4.50	3.20	.0014	.0128	0	0	0.15	3.0
4986	Oct. 1, 1911	0	0	Grassy	0.2	4.50	3.20	.0022	.0134	0	0	0.16	3.05

DIXFIELD.

This supply has been in its usual sanitary condition during the past two years and has shown the usual wide fluctuations in color and vegetable content that is expected in the case of a rapid mountain brook. In the fall of 1910 there was a little complaint on account of a slight taste, which it was claimed could be detected in the water, but this was not the case with the sample from the supply, sent to me at that time.

In July, 1911, owing to the prolonged drought, it became necessary to increase this system by turning into it water from Potter Pond, in the town of Carthage. This pond is about a half mile long, and will average about half as wide. It is located in the deep woods, and has no houses or camps either on its shores, or on the banks of any of the inlets to the pond. The analysis showed the water from this source to be in good condition, and indicated that it would not be subject to the changes which characterize the brook supply of this town after rains.

DIXFIELD.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3087	Jan. 25, 1910	0	0	Veg.	6.8	4.9	1.6	.0056	.0222	0	0	0.275	1.9
3319	April 25, 1910	0	0	Veg.	5.9	3.6	1.6	.0030	.0120	0	0	0.15	1.6
3603	July 25, 1910	0	0	Veg.	1.3	5.9	4.2	.0009	.0123	Trace	0	0.10	3.5
3903	Oct. 15, 1910	0	0	Veg.	3.4	5.4	3.2	.0022	.0108	0	0	0.06	2.95
4202	Jan. 24, 1911	0	0	Slight	1.0	5.2	3.6	.0054	.0050	Trace	0	0.11	2.20
4437	April 24, 1911	0	0	Veg.	3.9	4.2	2.1	.0022	.0118	0	0	0.10	1.55
4798	July 31, 1911	0	0	Veg.	4.0	7.2	4.7	.0014	.0140	0	0	0.08	3.26
5091	Oct. 23, 1911	0	0	Veg.	7.2	7.0	4.7	.0034	.0182	0.02	0	0.17	2.35

DOVER & FOXCROFT WATER DISTRICT.

These towns still take their water supply from the Piscataquis River, below the sewage outfall of the town of Sangerville. The conditions connected with this supply are fully as bad as at the time of the last report on this water. It is unfit to use for drinking purposes unless it be first boiled. Both the Water District and the local health officials are fully aware of the condition of this supply, and the Water District have investigated several lakes and ponds, where pure water has been found. But no change has yet been made in the source of the supply. At the present time this is one of the worst supplies in the State.

DOVER & FOXCROFT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3055	Jan. 18, 1910	0	0	Veg.	4.2	4.9	2.7	.0022	.0134	0	0	0.15	3.3
3130	Feb. 15, 1910	0	0	Veg.	3.1	3.8	2.0	.0018	.0100	0	Trace	0.225	2.8
3139	Feb. 22, 1910	0	0	Veg.	3.1	4.2	2.2	.0022	.0112	0	0	0.20	3.0
3246	April 5, 1910	1.3	Veg. and iron	Veg. and moldy	4.3	6.6	3.5	.0018	.0278	Trace	Trace	0.125	1.95
3388	May 17, 1910	0	0	Veg.	3.4	3.8	1.8	.0036	.0114	0	0	0.075	1.50
3454	June 15, 1910	0	0	Veg.	4.6	3.6	1.9	.0012	.0126	0	0	0.125	2.0
3570	July 19, 1910	0	0	Veg.	4.6	4.5	2.0	.0056	.0220	0	Trace	0.10	1.9
3762	Aug. 30, 1910	0	0	Veg.	3.5	3.8	1.8	.0022	.0211	0	0	0.175	1.49
3829	Sept. 27, 1910	0	0	Veg.	1.8	3.8	2.2	.0008	.0132	0	0	0.09	1.95
3963	Oct. 25, 1910	0	0	Veg.	1.2	4.3	2.4	.0018	.0132	0	Trace	0.10	1.9
4064	Dec. 6, 1910	0	0	Veg.	1.7	5.0	3.1	.0022	.0132	0.02	0	0.20	2.95
4136	Jan. 10, 1911	0	0	Veg.	3.7	5.2	3.4	.0032	.0150	0.015	0	0.15	3.2
4262	Feb. 23, 1911	0	0	Veg.	1.5	5.3	3.7	.0036	.0104	0.015	0	0.12	3.3
4310	Mar. 21, 1911	0	0	Veg.	1.6	5.5	3.3	.0042	.0126	0.015	0	0.14	2.9
4446	April 25, 1911	0.2	0	Grassy	3.4	4.0	1.8	.0036	.0110	Trace	0	0.10	1.8
4759	July 24, 1911	0.1	0	Veg.	3.0	4.4	2.3	.0036	.0160	Trace	0	0.10	1.95
4989	Oct. 2, 1911	0	0	Veg.	6.6	6.4	3.3	.0130	.0186	0.01	0	0.15	2.55
5246	Dec. 11, 1911	0	0	Veg.	3.7	5.5	3.2	.0012	.0144	Trace	0	0.12	2.30

EAST MILLINOCKET.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3096	Jan. 25, 1910	0	0	0	0	11.3	10.1	.0002	.0020	0.015	0	0.20	10.00
3364	May 3, 1910	0	0	Slight	0	10.3	8.9	0	.0036	Trace	0	0.225	6.9
3655	Aug. 1910	0	0	0	0.3	11.0	9.0	.0005	.0047	Trace	0	0.35	8.56
3939	Oct. 24, 1910	0	0	Slight	0.2	11.5	10.4	0	.0058	0	0	0.15	8.75
4145	Jan. 10, 1911	0	0	0	0	11.20	9.7	0	.0022	0	0	0.20	8.70
4378	April 11, 1911	0	0	0	0	11.20	9.4	.0007	.0023	0	Trace	0.20	10.00
4698	July 12, 1911	0	0	0	0	11.30	10.2	.0007	.0029	.015	0	0.23	8.05
5067	Oct. 16, 1911	0	0	0	0	11.40	10.20	0	.0020	0	.0001	0.10	9.45

EASTPORT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3121	Feb. 7, 1910	0	0	Veg.	2.4	5.1	2.7	.0034	.0200	0	0	0.55	2.1
3263	April 11, 1910	0.1	0	Veg.	1.7	3.7	1.9	.0004	.0146	0.01	0	0.45	1.7
3529	July 11, 1910	0	0	Veg.	1.4	3.8	1.6	.0014	.0172	0	0	0.45	1.7
3847	Oct. 3, 1910	0.5	0	Veg.	1.6	4.9	2.8	.0010	.0198	0	0	0.47	2.2
4156	Jan. 16, 1911	0.2	0	Woody	1.3	4.3	2.3	.0032	.0164	0	0	0.50	2.2
4569	June 7, 1911	0.6	0	Veg.	1.8	3.8	2.2	.0026	.0180	0	0	0.40	1.55
4796	July 31, 1911	11.0	Fe & earthy	Veg.	6.4	9.6	7.4	.0044	.0190	Trace	0	0.34	1.86
5018	Oct. 9, 1911	0.7	0	Slight	2.7	5.6	3.4	.0024	.0182	0	0	0.45	2.55

ELLSWORTH.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3049	Jan. 19, 1910	0	0	Veg.	2.3	3.4	1.4	.0030	.0122	0	0	0.275	1.5
3244	April 5, 1910	0	0	Grassy	2.2	2.8	1.4	.0016	.0110	0	0	0.27	1.3
3578	July 20, 1910	0	0	Veg.	1.6	2.7	1.4	.0004	.0156	0	0	0.55	1.3
3907	Oct. 18, 1910	0	0	Veg.	0.9	2.3	1.0	.0018	.0108	Trace	0	0.27	1.15
4144	Jan. 11, 1911	0	0	Veg.	1.8	3.3	1.8	.0036	.0120	0	0	0.34	1.25
4376	April 11, 1911	0	0	Veg.	1.7	3.0	1.7	.0018	.0136	0	0	0.24	1.40
4697	July 12, 1911	0	0	Veg.	2.2	3.3	1.7	.0018	.0136	0	0	0.20	1.45
5023	Oct. 10, 1911	0	0	Slight	1.0	2.2	1.1	.0016	.0128	0	0	0.25	1.40

STATE BOARD OF HEALTH.

FARMINGTON.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3077	Jan. 24, 1910	0	0	Veg.	0.2	4.2	2.6	0	.0078	0	0	0.125	2.8
3336	April 25, 1910	0	0	Veg.	0.2	3.0	2.1	.0012	.0068	0	0	0.10	1.75
3597	July 26, 1910	0	0	Veg.	0.1	3.6	2.3	.0010	.0108	Trace	0	0.12	2.2
3912	Oct. 18, 1910	0	0	Slight	0.2	3.6	2.7	.0008	.0120	0	Trace	0.04	2.2
4192	Jan. 23, 1911	0	0	Slight	0.1	3.5	2.7	.0024	.0090	0	Trace	0.05	2.2
4454	April 25, 1911	0	0	0	0.1	3.4	2.8	.0007	.0105	Trace	0	0.13	2.1
4775	July 25, 1911	0	0	0	0.6	3.4	2.4	.0007	.0101	0	0	0.12	2.25
5128	Oct. 30, 1911	0	0	Slight	0.7	3.5	2.2	.0002	.0102	0	0	0.04	2.20

FARMINGTON FALLS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3213	Mar. 28, 1910	0	0	0	0	3.1	2.4	.0020	.0020	Trace	Trace	0.20	2.3
3664	Aug. 8, 1910	0	0	0	0.2	4.5	3.3	.0020	.0020	0.01	.0004	0.175	2.75
3982	Oct. 31, 1910	0	0	Slight	0	3.4	2.6	.0006	.0012	Trace	0	0.125	2.95
4148	Jan. 12, 1911	0	0	0	0	3.3	2.9	.0028	.0042	0.01	0	0.13	2.30
4438	April 24, 1911	0	0	0	0	2.7	1.9	.0002	.0020	0	0	0.12	1.8
4766	July 24, 1911	0	0	0	0	4.20	3.5	.0007	.0019	Trace	0	0.11	2.75
5095	Oct. 23, 1911	0	0	0	0	5.3	4.1	0	.0048	0	0	0.09	4.10

FORT FAIRFIELD.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3098	Jan. 31, 1910	0	0	Slight	0.1	14.5	13.3	.0002	.0042	0.075	Trace	0.225	12.70
3345	April 24, 1910	0	0	Veg.	0.3	12.2	11.0	.0005	.0049	0.07	0	0.30	10.90
3656	Aug. 4, 1910	0	0	0	0	16.0	14.9	.0006	.0282	0.04	0	0.15	14.5
3938	Oct. 21, 1910	0	0	0	0.2	16.2	15.4	.0062	.0068	0.05	.0002	0.15	14.6
4220	Jan. 26, 1911	0	0	Slight	0.2	16.0	14.6	.0034	.0042	0.07	Trace	0.16	13.0
4812	July 31, 1911	0	0	Grassy	1.2	14.8	13.2	.0002	.0088	Trace	0	0.175	12.7
4810	July 31, 1911	0	0	Veg.	1.2	14.6	13.0	.0005	.0085	Trace	0	0.18	12.7
5130	Oct. 31, 1911	0	0	Slight	0.2	14.7	12.7	.0002	.0080	0.01	0	0.14	12.6

FREEPORT.

No samples could be obtained from this supply between April 1908 and May 1911 since which latter date we have made arrangements for quarterly samples. In the meanwhile conditions have not changed about the brook, and the pasture through which it runs, before reaching the intake, is still used for pasturage purposes, and the animals have free access to the brook. As stated in the last report this land should be owned by the Water Company, and cattle excluded from it.

FREEPORT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
4504	May 11, 1911	0.6	0	Veg.	2.2	5.5	3.7	.0032	.0132	.025	0	0.45	2.65
4710	July 17, 1911	0	0	Veg.	1.1	9.3	6.7	.0036	.0042	.065	0	0.55	4.2
5064	Oct. 16, 1911	0	0	Veg.	1.5	7.5	5.8	.0054	.0058	.035	0	0.61	2.75

FRIENDSHIP.

This water has been more constant in character than during the previous two years; but the recommendation that the house, which causes pollution of this water when it is occupied, be purchased by the Water Company and destroyed is repeated. It is a standing menace to this supply as long as the possibility of its being occupied as a dwelling exists.

FRIENDSHIP.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3095	Jan. 25, 1910	0	0	Slight	0.5	9.1	7.1	.0038	.0036	0.30	Trace	0.275	3.6
3311	April 19, 1910	0	0	Slight	0.1	6.2	4.4	.0036	.0020	0.15	0	1.05	2.2
3580	July 19, 1910	0	0	Slight	0	8.2	6.2	.0032	.0088	0.15	0	1.30	2.14
3920	Oct. 18, 1910	0	0	Slight	0	5.25	3.7	.0008	.0068	0.06	Trace	1.02	2.1
4142	Jan. 10, 1911	0	0	Slight	0.3	7.10	5.6	.0026	.0042	0.15	Trace	1.33	2.5
4413	April 18, 1911	0	0	Slight	0	6.8	4.4	.0170	.0074	0.15	.0001	1.14	2.9
4725	July 17, 1911	0	0	Grassy	0.8	8.4	5.8	.0018	.0114	0.12	0	1.42	2.25
5077	Oct. 17, 1911	0	0	Grassy	0.3	8.3	5.1	.0002	.0018	0.20	.0001	1.40	2.45

FRYEBURG.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3085	Jan. 25, 1910	0	0	Veg.	0.2	2.6	1.1	.0002	.0056	0.10	0	0.20	2.0
3228	April 26, 1910	0	0	Veg.	1.4	2.8	1.5	.0007	.0111	0	0	0.17	1.0
3626	Aug. 1, 1910	0	0	0	0.2	2.8	2.0	.0005	.0039	Trace	0	0.15	1.50
3909	Oct. 18, 1910	0	0	0	1.0	3.3	2.2	.0006	.0060	0	Trace	0.07	1.60
4199	Jan. 24, 1911	0	0	0	0.5	2.6	2.0	.0014	.0028	0.03	0	0.14	1.50
4456	April 25, 1911	0	0	0	0.2	2.6	1.5	.0007	.0043	0	0	0.06	1.30
4773	July 24, 1911	0	0	Veg.	0.5	2.7	2.1	.0004	.0048	0	0	0.10	1.15
5082	Oct. 23, 1911	0	0	0	1.0	3.3	2.3	.0016	.0060	0	0	0.17	1.45

GARDINER.

The conditions about the source of this supply have remained unchanged since the last report. The increasing use of Cobbosseecontee Stream by motor boats makes the water slightly turbid all summer; and there is always a possibility of pollution of the water by urine from these boats. It is reported that the Water District keeps a sharp eye on the sanitary conditions of the houses and cottages along the stream, so that pollution is more likely to come from these power boats than from the houses on the watershed. Most of the boats are moored just above the dam at the pumping station. It seems likely

that it will be necessary to move the intake farther up the stream in the near future, or else filter the supply from the present intake.

During the past two years no trouble has been found with the water, aside from its slight turbidity.

GARDINER.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3016	Jan. 3, 1910	0	0	Veg.	1.8	4.6	2.4	.0042	.0162	0	0	0.35	1.85	
3231	Apr. 4, 1910	0.5	0	Grassy	1.9	4.4	2.3	.0112	.0040	0	0	0.25	2.10	
3501	July 5, 1910	0	0	Veg. & Grassy	1.4	4.4	2.6	.0024	.0184	0	0	0.325	2.45	
3822	Sept. 26, 1910	0	0	Grassy	0.8	3.8	2.0	.0016	.0156	0	0	0.22	2.2	
4096	Jan. 2, 1911	0.5	0	Veg.	0.9	4.70	2.85	.0036	.0174	Trace	0	0.32	2.1	
4153	Jan. 16, 1911	0.8	0	Veg.	1.6	5.30	3.20	.0070	.0204	0.02	0	0.44	2.95	
4330	April 3, 1911	1.1	0	Veg.	1.4	3.70	2.20	.0018	.0236	0	0	0.21	1.80	
4646	July 5, 1911	0	0	Veg.	1.8	3.90	2.10	.0052	.0124	0	0	0.25	2.20	
4981*	Oct. 2, 1911	0	0	Veg.	1.0	3.60	3.00	.0022	.0170	0	0	0.24	2.15	

* Heavy rains previous but stream still low.

GORHAM.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3114	Feb. 2, 1910	0	0	Veg.	0.3	3.0	1.7	.0002	.0074	0.01	0	0.175	2.0	
3301	Apr. 19, 1910	0	0	Veg.	0.6	1.9	1.2	.0002	.0078	0	0	0.175	1.2	
3618	July 26, 1910	0	0	Veg.	0.7	2.5	1.6	.0014	.0106	Trace	0	0.25	1.9	
3866	Oct. 8, 1910	0	0	Slight	0.1	2.5	2.2	.0002	.0094	0	.0001	0.20	1.49	
4149	Jan. 16, 1911	0	0	0	0.2	2.7	1.5	.0022	.0088	0	0	0.20	1.50	
4415	April 18, 1911	0	0	0	0.2	2.1	1.2	.0007	.0079	0.02	0	0.15	1.30	
4726	July 18, 1911	0	0	Veg.	0.7	3.1	2.0	.0004	.0068	0	0	0.18	1.45	
5056	Oct. 16, 1911	0	0	Slight	0.5	2.6	1.6	.0007	.0113	0	0	0.17	1.6	

HALLOWELL.

Number.	DATE OF COLLECTION.		APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3015	Jan.	3, 1910	0	0	Veg.	2.7	6.4	4.1	.0032	.0134	0.02	0	0.45	3.1
3262	Apr.	11, 1910	0.2	0	Grassy	1.3	3.0	1.35	.0002	.0110	0	0	0.40	1.85
3511	July	5, 1910	0	0	Veg.	1.6	4.4	2.2	.0018	.0200	0	0	0.15	3.0
3819	Sept.	26, 1910	0	0	Veg.	1.7	5.5	2.8	.0036	.0260	0	0	0.25	2.5
4126	Jan.	9, 1911	0.3	0	Moldy	2.2	5.6	3.6	.0056	.0206	0.02	0	0.37	2.8
4339	Apr.	3, 1911	0.4	0	Veg.	1.3	3.6	2.0	.0007	.0137	0	0	0.27	1.4
4649	July	5, 1911	0.4	0	Moldy	2.8	4.7	2.4	.0042	.0508	Trace	0	0.27	2.1
4997	Oct.	3, 1911	0	0	Slight Moldy	1.3	5.0	3.0	.0007	.0195	0	0	0.35	2.7

HARRINGTON.

The public supply for this town comes from two water systems, both of which use springs as the sources of their supply. The larger of the two systems, that owned by the Quantabcook Water Company, is one of the oldest in the State, having been installed in 1861. Wooden pipes were put down in that year, some of which are still in use, although most have rotted out, especially those laid in the gravel, and have been replaced by iron pipes.

The Quantabcook Water Company supplies the western portion of the town. The following data in regard to this supply are taken from Water Supply Paper 223, of the U. S. Geological Survey.

The water bubbles up out of the sand in a swamp, near the base of a long sand and gravel slope, which is probably underlain with clay. A stick 15 feet long, thrust down into the spring, does not reach the bottom. The water has a temperature the year round of 44° F., and the flow does not vary with the season. The spring is covered by a small spring house, and its overflow forms a good-sized brook, as the water system does not use over a quarter of the flow of the spring.

The sanitary surroundings of the spring are of the best. It is situated about 2 miles northwest of the village, and far from all houses. Its height above the town is 60 feet, so that a good

gravity pressure is assured. At present about 60 families, representing about 300 actual users, make use of this water. The system is owned in the town.

The eastern side of the village is supplied by an aqueduct, owned by the Nash family. It is situated a half mile north-east from the village, and near to the tracks of the Washington County Railroad.

The water bubbles up similarly to that of the Quantabcook Water Company's spring from sand, supposed to be underlain with clay. Although the soil is so dense that the spring cannot be seen, yet it overflows, and forms a small brook. The spring is housed in.

The water has a temperature of 42° F., and is supplied to about 40 families, the water being distributed in wooden pipes, as the company is an old one. The supply is sufficient for the present users, and is so located that its sanitary quality is unquestioned. The water is very similar to that of the Quantabcook Water Company's water.

In November, 1911, the Quantabcook Water Company took over the Nash Aqueduct, on the east side of the village, and in the future will supply the whole village; taking its supply from its own spring.

HARRINGTON PUBLIC SUPPLY—EAST AQUEDUCT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3212	Mar. 28, 1910	0	0	0	0	4.85	3.90	0	.0013	0	0	0.60	2.55
3674	Aug. 8, 1910	0	0	0	0.2	4.1	3.4	0	.0016	0	.0001	0.625	2.6
3974	Oct. 31, 1910	0	0	0	0	4.6	4.2	.0002	.0020	Trace	0	0.60	2.95
4175	Jan. 13, 1911	0	0	0	0	5.5	4.5	.0002	.0020	0	.0003	0.52	3.05
4382	April 11, 1911	0	0	0	0	4.6	3.9	0	.0018	0	0	0.55	2.50
4745	July 18, 1911	C	0	0	0.1	5.4	4.8	.0017	.0025	Trace	0	0.48	2.90
5079	Oct. 20, 1911	0	0	0	0.1	6.0	5.3	0	.0024	0	0	0.42	2.90

HARRINGTON PUBLIC SUPPLY—WEST AQUEDUCT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3210	Mar. 28, 1910	0	0	0	0	6.3	5.0	.0020	.0010	0.07	0	0.70	3.75
3675	Aug. 8, 1910	0	0	0	0.4	6.1	5.3	.0014	.0030	0.05	0	0.75	3.0
3975	Oct. 31, 1910	0	0	0	0	6.6	5.6	.0018	.0004	0.11	Trace	0.725	3.55
4176	Jan. 13, 1911	0	0	Slight	0	7.0	5.8	.0008	.0018	0.07	0	0.70	3.95
4381	April 11, 1911	5.2	Fe rust	0	0.2	13.3	10.7	.0074	.0092	0.075	0	0.70	3.08
4746	July 17, 1911	0	0	0	0.1	7.5	6.4	.0054	.0042	0.05	0	0.70	3.00
5081	Oct. 20, 1911	0	0	0	0	7.2	6.2	.0016	.0020	0.065	.0003	0.70	2.9

HEBRON.

The water supply of this town is a surface water supply, being taken from Hall Pond. No information whatever has been furnished us in regard to the surroundings of this pond. The vegetable content of this water has been very high at all times, and from July to December, 1910, the water was quite turbid. During this period a considerable amount of repair work was done on the system, and a large amount of flushing the mains also went on. This was probably the cause both of the turbidity and high organic content during these months. The water has never been found to contain intestinal bacteria. In fact its bacterial content has been very low. The water has been a safe one at all times, although not always satisfactory in appearance.

HEBRON.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3142	Feb. 23, 1910	0	0	Veg.	0.5	2.40	1.50	.0052	.0196	0	0	0.225	2.10	
3214	Mar. 27, 1910	0	0	Veg.	0.2	2.70	1.50	.0038	.0146	0	0	0.225	1.50	
3393	May 15, 1910	0	0	Veg.	0.4	2.70	1.70	.0032	.0126	0	0	0.30	1.50	
3449	June 14, 1910	0	0	Veg.	0.7	2.40	1.30	.0040	.0176	0	0	0.22	1.30	
3572	July 19, 1910	0.9	Veg. & Fe	Veg. & Moldy	1.4	5.00	2.90	.0064	.0550	0	0	0.20	1.22	
3751	Aug. 29, 1910	6.0	Earthy	Veg. & Earthy	10.0	9.80	6.70	.0025	.0839	0	0	0.275	4.47	
3833	Sept. 27, 1910	0.6	Earthy	Earthy	1.6	3.10	1.30	.0008	.0218	0	0	0.15	1.90	
3946	Oct. 24, 1910	0.3	Fe	Moldy	0.4	3.60	1.90	.0024	.0242	0	0	0.175	1.49	
4070	Dec. 8, 1910	0.8	Fe & Earthy	Veg.	1.6	3.70	2.10	.0036	.0288	0	Trace	0.25	1.60	
4198	Jan. 23, 1911	0	0	Grassy Veg. & Woody	0.1	3.30	2.10	.0064	.0194	0	0	0.20	1.80	
4253	Feb. 21, 1911	0	0	0	0.1	2.70	1.70	.0070	.0184	0	0	0.22	1.80	
4305	Mar. 20, 1911	0	0	Veg.	0.3	3.55	2.20	.0060	.0224	.015	0	0.23	2.00	
4441	April 24, 1911	0	0	Slight	0.3	2.70	1.50	.0052	.0124	Trace	0	0.15	1.45	
4768	July 24, 1911	0	0	Slight	0.9	3.3	2.0	.0018	.0162	0	0	0.14	1.72	
5045	Oct. 15, 1911	0	0	Veg.	1.7	3.6	2.0	.0030	.0270	0	0	0.16	1.65	

HOULTON.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3102	Jan. 31, 1910	0	0	Veg.	3.4	6.6	3.6	.0016	.0100	0	0	0.25	5.4	
3339	Apr. 25, 1910	0	Iron	Veg.	4.9	5.3	2.3	.0016	.0128	0	0	0.075	2.2	
3623	Aug. 1, 1910	0	0	Veg.	4.0	9.4	6.6	.0034	.0170	Trace	0	0.175	6.8	
3964	Oct. 25, 1910	0	0	Veg.	0.7	10.6	9.0	.0026	.0080	0.02	0	0.25	6.2	
4219	Jan. 24, 1911	0	0	Slight	1.6	9.1	7.0	.0030	.0080	0.04	0	0.22	5.74	
4434	Apr. 24, 1911	0	0	Veg.	2.3	5.9	3.6	.0005	.0117	Trace	0	0.15	3.5	
4761	July 24, 1911	0	0	Slight	0.9	10.0	8.4	.0036	.0084	0	0	0.23	7.3	
5090	Oct. 23, 1911	0	0	Moldy	3.1	8.4	6.7	.0007	.0123	0	0	0.17	5.25	

ISLAND FALLS.

The water supply for this town is taken from a brook. The brook drains a fairly low and heavily wooded district. On the upper part of the watershed there are no houses whatever. On the lower part a few farms are reported, but none within a quarter of a mile of the brook, and none of these drain into

the brook by gullies. Any water or drainage from them, that enters the brook, has flowed over about a quarter of a mile of flat country, so that no danger should arise from them.

As is natural with such a water this one varies considerable in color and vegetable content; but it has shown no evidence of contact with sewage wastes, during the year that it has come to us for examination. It has been, at all times, a safe drinking water. The samples have come from the local board of health.

ISLAND FALLS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
4292	Mar. 7, 1911	0	0	Veg.	0.6	7.0	5.5	.0026	.0064	.035	0	0.17	4.2
4447	Apr. 24, 1911	0	0	Veg.	3.3	4.1	2.1	.0036	.0090	0	0	0.15	2.1
9816	Aug. 1, 1911	0	0	Veg.	3.1	6.8	5.5	.0010	.0160	Trace	0	0.10	5.04
5249	Dec. 11, 1911	0	0	Grassy	3.2	8.0	4.6	.0036	.0136	0.03	0	0.10	3.95

KENNEBUNK.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3108	Feb. 1, 1910	0	0	Veg.	5.9	5.3	2.8	.0034	.0088	0	0	0.50	1.65
3229	Apr. 4, 1910	0	0	Veg.	8.5	4.3	1.9	.0018	.0102	0	0	0.375	1.65
3459	June 16, 1910	0	0	Veg.	9.2	4.8	2.6	.0034	.0128	0	0	0.55	1.5
3934	Oct. 22, 1910	0	0	Veg.	3.3	3.9	2.7	.0012	.0094	0	0	0.425	1.9
4208	Jan. 24, 1911	0	0	0	1.3	4.2	2.8	.0034	.0052	0	0	0.49	1.4
4430	Apr. 22, 1911	0.2	0	Grassy	5.2	4.7	2.7	.0054	.0206	0	0	0.32	0.5
4748	July 22, 1911	0	0	Veg.	3.8	4.5	2.8	.0030	.0080	0	0	0.59	1.15
5083	Oct. 21, 1911	0	0	Veg.	6.4	5.6	3.5	.0022	.0166	0	0	0.55	1.45

KEZAR FALLS.

The water supply of this town is derived from a bored and drilled well 240 feet deep. The first 50 feet was bored through gravel, and the remainder drilled through granite ledge. The well is located at a distance of a quarter of a mile from the

nearest dwelling, and is thence pumped into a reservoir for general distribution. The Kezar Falls Water Company at first only supplied water for domestic purposes, exclusive of drinking, and took their supply from the Saco River. The drinking supply was installed in April, 1910, and the river supply then discontinued. Since that time the water has been first-class in every way, and very soft for so deep seated a water.

KEZAR FALLS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3531	July 9, 1910	0	0	Slight	0	4.0	2.8	0	.0022	0	.0006	0.15	1.8
4184	Jan. 23, 1911	0	0	0	0.1	5.2	4.3	.0026	.0024	0	.0002	0.15	3.3
4406	April 17, 1911	0	0	0	0	3.1	2.5	.0002	.0032	0	0	0.13	1.85
4709	July 17, 1911	0	0	0	0	5.1	3.9	0	.0022	Trace	0	0.17	2.50
5071	Oct. 16, 1911	0	0	0	0	3.9	3.1	.0002	.0034	0	0	0.04	2.45

KINGFIELD.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3036	Jan. 11, 1910	0	0	Veg.	0.8	3.9	2.2	.0038	.0054	0	Trace	0.15	2.2
3272	Apr. 12, 1910	0	0	Veg.	1.3	2.1	1.1	.0002	.0040	0	0	0.10	1.0
3532	July 11, 1910	0	0	Veg.	1.2	2.9	1.7	.0008	.0092	0	0	0.07	1.53
3827	Sept. 27, 1910	0	0	Grassy	0.6	2.9	2.0	.0006	.0040	0	0	0.05	1.90
4108	Jan. 3, 1911	0	0	Veg.	0.6	3.4	2.0	.0018	.0116	0.01	0	0.12	2.10
4485	May 5, 1911	0	0	Veg.	2.7	3.0	1.8	.0027	.0093	0	0	0.05	1.15
4736	July 18, 1911	0	0	Veg.	1.9	3.4	2.2	.0034	.0046	0	0	0.09	1.70
4991	Oct. 1, 1911	0	0	Veg.	1.9	4.0	2.4	.0018	.0100	0	0	0.10	2.05

KITTERY.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3113	Feb. 1, 1910	0	0	Veg.	5.0	4.5	2.9	.0130	.0226	Trace	0	0.625	1.5		
3362	May 3, 1910	0	0	Veg.	3.3	3.0	1.3	.0016	.0178	0	0	0.525	1.05		
3625	Aug. 1, 1910	0	0	Veg.	3.3	2.9	1.5	.0052	.0194	0	0	0.625	1.90		
3943	Oct. 24, 1910	0.4	0	Veg.	9.0	4.2	2.40	.0046	.0254	Trace	0	0.60	1.04		
4205	Jan. 24, 1911	0	0	Veg.	5.0	4.5	2.50	.0214	.0248	0.01	.0001	0.67	1.65		
4394	Apr. 17, 1911	0	0	Veg.	3.0	4.1	2.20	.0032	.0284	0	0	0.47	1.70		
4802	Aug. 1, 1911	0	0	Grassy	5.4	4.1	2.50	.0006	.0160	0	0	0.45	2.22		
5129	Oct. 31, 1911	0	0	Veg.	6.1	4.4	2.5	.0024	.0208	.015	0	0.50	1.45		

LEWISTON.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3052	Jan. 17, 1910	0	0	Slight	0.2	3.6	1.6	.0002	.0112	0	0	0.25	2.7		
3357	May 2, 1910	0	0	Grassy	0.2	2.9	1.5	.0020	.0118	0	0	0.32	1.4		
3602	July 26, 1910	0	0	Veg.	0.1	3.3	2.0	.0004	.0128	Trace	0	0.225	1.8		
3922	Oct. 18, 1910	0	0	Slight	0.1	2.7	1.4	.0013	.0120	0	0	0.20	2.0		
4166	Jan. 16, 1911	0	0	Veg.	0.2	4.10	3.0	.0013	.0112	0	0	0.25	2.1		
4412	Apr. 18, 1911	0	0	Veg.	0	3.0	1.9	.0020	.0094	Trace	.0002	0.20	1.55		
4739	July 17, 1911	0	0	0	0	2.9	1.7	.0002	.0118	0	0	0.20	1.55		
5047	Oct. 16, 1911	0	0	0	0.2	3.3	1.7	.0016	.0128	0	0	0.20	1.6		

LISBON FALLS.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3152	Mar. 2, 1910	0	0	0	0.1	9.4	8.3	.0002	.0050	0.03	.0002	0.50	6.0		
3365	May 21, 1910	0	0	Slight	0	9.78	8.1	.0004	.0024	0.03	0	0.425	5.1		
3644	Aug. 2, 1910	0	0	0	0.2	10.4	9.4	.0002	.0016	0.01	0	0.55	5.14		
3892	Oct. 11, 1910	0	0	0	0.1	10.29	3	0	.0016	0.01	.0003	0.45	6.8		
4174	Jan. 17, 1911	0	0	Slight	0.1	10.38	9	.0002	.0016	0.012	0	0.43	5.6		
4402	Apr. 18, 1911	0	0	0	0	10.08	9	0	.0022	0.015	.00045	0.37	5.3		
4734	July 18, 1911	0	0	0	0	10.29	0	.0010	.0036	Trace	Trace	0.39	6.1		
5058	Oct. 16, 1911	0	0	0	0	10.1	8.8	0	.0036	Trace	.0002	0.39	5.5		

LIVERMORE FALLS.

Number	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
3064	Jan. 19, 1910	0	0	Veg.	0.8	3.5	2.1	.0010	.0142	0	0	0.20	2.2	
3307	Apr. 18, 1910	0	0	Veg.	0.1	2.6	1.8	.0026	.0076	Trace	Trace	0.20	1.6	
3433	June 6, 1910	0	0	Veg.	0.4	2.55	1.4	.0028	.0084	0	0	0.25	1.3	
3612	July 26, 1910	0	0	Veg.	0.3	2.5	1.4	.0018	.0126	Trace	0	0.225	1.5	
3910	Oct. 18, 1910	0	0	Veg.	1.0	3.0	2.1	.0004	.0148	0	0	0.12	1.75	
4181	Jan. 20, 1911	0	0	Veg.	0.2	2.80	2.1	.0034	.0130	0	0	0.20	1.5	
4464	Apr. 27, 1911	0	0	Grassy	0.1	2.20	1.4	.0002	.0112	Trace	0	0.17	1.15	
4747	July 21, 1911	0	0	Grassy	0.5	3.10	2.0	.0036	.0118	0	0	0.17	1.30	
5076	Oct. 19, 1911	0	0	Veg.	0.4	2.60	1.4	.0018	.0128	0	0	0.18	1.30	

LUBEC.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
3081	Jan. 24, 1910	0	0	0	0	10.3	8.0	0	.0016	0.15	Trace	1.35	8.2	
3265	Apr. 11, 1910	0	0	0	0	11.7	10.1	.0006	.0001	0.20	Trace	1.50	8.4	
3533	July 11, 1910	0	0	0	0	12.3	9.6	.0005	.0027	0.20	.0003	1.50	7.19	
3846	Oct. 3, 1910	0	0	0	0	13.4	11.2	.0005	.0030	0.18	.0001	1.35	10.97	
4130*	Jan. 9, 1911	1.8	0	Slight	0.5	12.3	10.00	.0010	.0042	0.15	Trace	1.55	6.00	
4354	Apr. 10, 1911	4.4	0	Earthy	1.2	12.95	10.20	.0078	.0084	0.15	0	1.23	6.15	
4671	July 10, 1911	1.4	0	Clay	0	6.12	9.11.0	.0002	.0022	0.19	0	1.40	6.30	
5015	Oct. 9, 1911	0	0	0	2.2	13.1	10.0	.0003	.0091	0	0	1.54	6.95	

* Heavy rains 12 hours before.

MACHIAS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
3091	Jan. 25, 1910	0	0	Veg.	6.4	4.2	2.0	.0008	.0116	0	0	0.325	1.5	
3250	Apr. 5, 1910	0	0	Veg.	6.8	4.0	2.15	.0018	.0166	0	0	0.30	1.8	
3541	July 12, 1910	0	0	Veg.	9.5	4.8	2.0	.0034	.0230	0	0	0.30	1.68	
3862	Oct. 4, 1910	0.2	0	Veg.	5.6	3.6	1.6	.0014	.0182	0	0	0.20	1.34	
4141	Jan. 10, 1911	0	0	Veg.	9.8	6.0	2.8	.0056	.0186	Trace	0	0.33	1.40	
4384	Apr. 11, 1911	0.5	0	Veg.	3.6	3.2	1.6	.0020	.0104	0	0	0.17	1.40	
4685	July 11, 1911	0	0	Veg.	9.0	5.4	2.2	.0036	.0190	.005	0	0.20	1.55	
5028	Oct. 10, 1911	0	0	Veg.	11.0	6.3	3.0	.0056	.0254	0.02	0	0.275	1.50	

MADISON.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	Hardness
3018	Jan.	4,	1910	0	0	Veg.	2.6	5.4	2.7	.0003	.0093	0	0	0.10	2.5
3237	April	5,	1910	0	0	Veg.	3.0	3.65	1.7	.0008	.0122	0	0	0.12	1.65
3504	July	5,	1910	0	0	Veg.	3.1	3.7	1.6	.0016	.0166	0	0	0.12	1.50
3825	Sept.	27,	1910	0	0	Veg.	1.6	3.2	1.8	.0008	.0092	0	0	0.07	1.80
4106	Jan.	3,	1911	0	0	Veg.	1.6	4.4	2.5	.0054	.0090	Trace	0	0.125	2.40
4341	Apr.	4,	1911	0	0	Veg.	1.7	3.8	2.4	.0028	.0106	0.02	0	0.17	1.50
4637	July	4,	1911	0	0	Veg.	3.0	3.7	2.0	.0030	.0124	0	0	0.07	1.75
4979*	Oct.	2,	1911	0	0	Veg.	2.0	3.1	1.2	.0018	.0138	0	0	0.04	1.25

* Rains for a week previous.

MECHANIC FALLS.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	Hardness.
3063*	Jan.	18,	1910	0	0	Veg.	1.0	5.7	3.7	.0002	.0102	Trace	0	0.325	3.00
3303†	Apr.	19,	1910	0	0	Veg.	4.5	3.0	2.0	.0038	.0092	0	0	0.45	1.75
3605	July	25,	1910	0	0	Veg.	0.8	3.3	1.7	.0005	.0145	Trace	0	0.325	1.65
3921	Oct.	18,	1910	0	0	Veg. & slight	0.8	3.3	1.7	.0050	.0140	0	0	0.25	1.65
4173	Jan.	17,	1911	0	0	Veg.	1.1	4.7	2.9	.0036	.0128	Trace	0	0.40	2.85
4424	Apr.	19,	1911	0	0	Veg.	2.0	3.4	1.9	.0034	.0154	Trace	0	0.18	1.55
4733	July	19,	1911	0	0	Veg.	1.1	4.4	3.3	.0012	.0108	Trace	0	0.35	2.5
5070	Oct.	17,	1911	0	0	Veg.	1.0	4.2	2.7	.0012	.0094	0	0	0.25	2.5

* Raw.

† Filtered.

MEXICO.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	Hardness.
3173	Mar.	16,	1910	0	0	Veg.	0.9	4.2	2.9	.0012	.0090	0	0	0.175	2.55
3424	May	21,	1910	2.6	Earthy	Veg. & grassy	4.8	18.3	12.8	.0088	.0642	Trace	0	0.25	2.00
3633	Aug.	1,	1910	0	0	Moldy	1.4	5.2	3.7	.0034	.0100	.02	0	0.15	3.40
3980	Nov.	1,	1910	0	0	Veg.	3.9	5.6	3.1	.0028	.0126	0	0	0.175	2.50
4158	Jan.	15,	1911	0	0	0	1.5	5.9	4.2	.0056	.0062	.017	0	0.22	1.65
4414	Apr.	18,	1911	0.8	0	Veg.	1.8	3.6	2.2	.0042	.0164	0	0	0.20	1.55
4786	July	26,	1911	0	0	Veg.	3.2	5.1	3.0	.0017	.0177	0	0	0.05	1.86
5066	Oct.	17,	1911	0	0	Veg.	1.7	5.9	4.0	.0056	.0160	0	0	0.14	2.90

MILBRIDGE.

The Milbridge Water Company takes its supply from a spring, and from a bored well. The spring is in use all of the time, and the well, which is pumped by a windmill, is in use during the summer when the wind blows; but not at all during the winter. In October, 1911, owing to the drought, another spring was developed and the water collected in a reservoir, which will be spoken of later.

The original spring and well are situated on the eastern side of a hill of boulder-clay, and it is believed that this is underlain by gravel. The spring is located 69 feet above the village, and is carried to the consumers in 6 inch mains, giving a pressure of 48 pounds at the village. The spring and well are situated a mile and a half from the village, and are surrounded by timber lands, with no houses within a mile of either, so that the sanitary conditions are excellent. The spring is cemented and roofed over, and care is taken to exclude all surface water.

The well is 38 feet below the spring, and the water from the well is pumped to a small reservoir near the spring, where it is mixed with that water.

In October several new springs, about 800 feet from the old one, were developed, and the water collected in a reservoir basin of about 4 acres. This reservoir is surrounded by high, rocky land, which is covered with a mixed hard wood growth. There are no houses within a mile and a half of the reservoir. The sample of October 30. No. 5122, was taken two days after water was first turned into this reservoir, and so was highly colored and contained considerable vegetable matter. This is, of course, but a temporary condition. Aside from the presence of this vegetable material the water from these new springs closely resembled that from the old spring, and should make fully as acceptable a drinking water, as soon as the reservoir settles.

This water supply is an old one, and was originally laid with wooden pipes, but iron pipes have now replaced these old ones. There are reported to be about 700 users of this water, which is first-class in every respect.

MILBRIDGE.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3227	Apr. 3, 1910	0	0	0	0	3.55	2.60	.0012	.0006	Trace	.0003	0.65	2.20
3631	Aug. 1, 1910	0	0	0	0	3.90	2.90	.0002	.0010	0	0	0.675	1.90
3971	Oct. 30, 1910	0	0	0	0	4.5	3.8	.0005	.0020	0	0	0.60	2.53
4152	Jan. 14, 1911	0	0	Slight	0	4.3	3.1	.0004	.0024	0	0	0.60	1.95
4355	Apr. 10, 1911	0	0	Slight	0	3.5	2.6	.0007	.0029	0	0	0.60	1.40
4690	July 11, 1911	0	0	0	0	3.9	3.1	.0002	.0014	0	0	0.62	1.45
5035	Oct. 10, 1911	0	0	0	0	4.8	4.6	0	.0032	0	Trace	0.65	2.35
5122*	Oct. 30, 1911	0	0	Veg.	4.1	4.5	2.8	.0032	.0132	0	0	0.66	2.10

* New reservoir.

MILLINOCKET.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3028	Jan. 10, 1910	0	0	Veg.	4.4	4.3	1.7	.0034	.0226	0	0	0.07	2.2
3230	Apr. 4, 1910	0	0	Veg.	4.9	3.8	1.4	.0022	.0138	0	0	0.07	1.35
3553	July 14, 1910	0	0	Veg.	4.5	3.6	1.6	.0034	.0120	0	0	0.125	1.70
3839	Sept. 29, 1910	0	0	Veg.	3.8	3.0	1.4	.0008	.0112	0	0	0.04	1.90
4122	Jan. 9, 1911	0	0	Veg.	3.7	4.10	2.0	.0054	.0140	0	0	0.05	1.80
4379	Apr. 11, 1911	0	0	Veg.	2.7	4.60	2.10	.0050	.0106	0	0	0.06	1.80
4687	July 10, 1911	0	0	Veg.	4.0	3.6	1.6	.0005	.0115	.005	0	0.05	1.70
5026	Oct. 10, 1911	0	0	Veg.	3.6	3.8	2.0	.0034	.0130	0	0	0.05	2.0

MILO.

During the past summer there was a considerable typhoid epidemic in this town, and the water was under suspicion, but samples at that time failed to show any change in its condition. The cause of the epidemic was not definitely settled upon.

MILO.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
3226	Apr. 4, 1910	0	0	Veg.	3.8	2.8	1.05	.0022	.0128	0	0	0.125	1.10	
3666	Aug. 7, (?) 1910	0	0	Veg.	1.8	3.3	1.5	.0018	.0100	0	0	0.15	1.48	
3985	Nov. 1, 1910	0	0	Veg. & slight	1.7	2.7	1.3	.0022	.0146	0	0	0.10	1.70	
4123	Jan. 9, 1911	0	0	Veg.	1.8	3.4	1.7	.0036	.0152	0	0	0.13	1.50	
4380	Apr. 11, 1911	0	0	Veg.	2.4	3.9	2.1	.0056	.0170	0	0	0.17	1.65	
4686	July 10, 1911	0	0	Slight	2.8	3.4	1.9	.0018	.0102	0	0	0.08	1.30	
4978*	Sept. 30, 1911	0	0	Veg.	2.9	2.9	1.2	.0024	.0134	0	0	0.10	1.15	

* Just after heavy rains.

MILO JUNCTION.

In July of the last year information came to me that there was a public supply in operation at this place, having been installed by the Bangor & Aroostook Railroad, and taking the water from the Piscataquis River. It was stated that the water was "filtered." Since that time two samples have been sent to us from this supply, and, while bacteria of the B. coli group have been absent, the indications were that this filter was little more than a strainer, and not a true filter. No information as to the character of the filter could be obtained by correspondence.

This village is located on the Piscataquis River about twelve miles from Dover and Foxcroft. The river water at these places is so badly polluted as to be unsafe to drink without being boiled. These towns empty their sewage into the river, so that the water at Milo Junction is in worse condition than it is at Dover and Foxcroft. Unless the river water at Milo Junction is given efficient filtration it is, at least, as unsafe to use as is the water at the above mentioned towns.

Efforts are still being continued to find out what sort of a filtration method is employed with this water.

Considering the high vegetable content and color of this water it would seem that a mechanical filter would be the natural choice, but this kind of a filter is certainly not now in operation at this place.

MILO JUNCTION.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS			Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
4771	July 24, 1911	0	0	Veg.	3.7	6.3	3.8	.0028	.0198	Trace	0	0.12	3.7	
5132	Oct. 30, 1911	0	0	Veg.	5.9	5.7	2.7	.0036	.0210	0	0	0.16	2.1	

MT. DESERT FERRY.

The Maine Central Railroad has a spring water supply at this place from which we have had two samples. The spring is situated 2 miles north of the village of Hancock, the water being carried in lead pipe to the standpipe, and used on the trains of the above line. The analyses have shown but a trace of lead in the water, and have shown the sanitary quality to be excellent. The spring is far from buildings and not open to pollution, according to the statements made to us.

MOUNT DESERT FERRY SUPPLY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS			Chlorine.	Hardness.	Lead.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.				
3370	May 5, 1910	0	0	Slight	0.1	4.9	3.8	0	.0112	0.07	Trace	0.80	2.85	Trace	
3690	Aug. 9, 1910	0	0	0	0	6.4	3.4	.0006	.0026	0.04	0	0.65	1.65	Trace	

NEWPORT.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3042	Jan. 12, 1910	0	0	Veg.	2.7	8.4	4.9	.0024	.0178	0	0	0.225	3.9
3257	April 10, 1910	0	0	Veg.	2.8	6.5	3.7	.0012	.0140	0	0	0.225	3.2
3513	July 6, 1910	0.1	Earthy.	Veg.	2.0	5.3	2.6	.0014	.0160	0	0	0.225	1.5
3835	Sept. 28, 1910	0	0	Veg.	1.0	4.3	2.7	.0008	.0146	0	0	0.250	2.6
4098	Jan. 1, 1911	0	0	Veg.	1.6	9.7	6.4	.0038	.0178	0.10	0	0.275	4.75
4329	April 2, 1911	0	0	Moldy	3.5	8.8	5.1	.0018	.0242	0.055	0	0.26	3.75
4689	July 10, 1911	0	0	Veg.	1.8	5.4	3.3	.0036	.0120	Trace	0	0.17	2.65
4992	Oct. 3, 1911	0	0	Grassy	1.7	6.4	4.0	.0028	.0172	Trace	0	0.20	3.85

NORRIDGEWOCK.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3029	Jan. 10, 1910	0.3	Ironrust	Moldy	0.9	5.4	3.5	.0012	.0064	0.06	0	0.55	3.0
3264	Apr. 11, 1910	0	0	Moldy	0.6	4.4	3.0	.0012	.0078	0.045	Trace	0.525	2.6
3550	July 13, 1910	0.4	0	Veg. & moldy	2.4	5.7	4.3	.0016	.0070	0	0	0.50	3.5
3867	Oct. 8, 1910	0	0	0	0	5.4	4.5	.0012	.0050	0.15	.0001	0.35	1.78
4093	Jan. 1, 1911	0.2	0	Slight	1.1	5.7	3.9	.0014	.0054	0.075	.0001	0.15	2.50
4346	Apr. 5, 1911	0	0	0	0	18.8	15.8	.0018	.0040	0.35	0	7.60	2.50
4767	July 24, 1911	1.5	Rust	Veg.	6.5	4.9	3.7	.0070	.0114	Trace	.0017	0.30	2.90
4987	Oct. 2, 1911	1.1	Fe rust	Slight	3.8	6.9	5.2	.0032	.0094	0.01	.0005	0.44	2.20

NORTH BERWICK.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3127	Feb. 8, 1910	0	0	Veg.	1.5	5.4	3.9	0	.0050	0	0	0.275	2.25
3347	May 1, 1910	0	0	Veg.	4.4	5.1	3.1	.0034	.0176	0	0	0.35	1.95
3647	Aug. 1, 1910	0	0	Veg.	1.6	4.4	2.8	.0010	.0084	0	0	0.30	1.80
3962	Oct. 25, 1910	0	0	Slight	1.6	5.2	3.8	.0022	.0064	0	0	0.275	2.2
4197	Jan. 24, 1911	0	0	0	0.2	4.7	3.8	.0007	.0039	0	0	0.25	2.35
4440	Apr. 24, 1911	0	0	Veg.	1.9	4.7	3.4	.0036	.0122	0	0	0.27	2.1
4782	July 24, 1911	0.6	0	0	1.7	4.6	3.5	.0002	.0076	0	0	0.23	1.7
5078	Oct. 23, 1911	0	0	Veg.	3.4	6.2	4.5	.0007	.0113	0	0	0.32	2.15

NORTHEAST HARBOR.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3066	Jan. 17, 1910	0	0	Veg.	3.2	4.7	2.4	.0027	.0133	0	0	0.75	2.1
3280	Apr. 14, (?) 1910	0	0	Veg.	1.5	3.4	2.0	.0020	.0086	0	0	0.72	1.2
3540	July 12, 1910	0	0	Veg.	0.9	3.6	2.0	.0012	.0138	0	0	0.675	1.07
4014	Nov. 7, 1910	0	0	Veg.	1.0	4.4	2.6	.0100	.0190	Trace	0	0.70	1.19
4200	Jan. 20, 1911	0	0	Veg.	1.0	4.0	2.7	.0016	.0138	0	0	0.72	1.40
4391	Apr. 14, 1911	0	0	0	0.4	3.6	2.0	.0120	.0132	Trace	0	0.70	1.15
4737	July 18, 1911	0	0	Veg. & moldy Grassy	1.2	3.4	2.1	.0042	.0078	0	0	0.65	1.45
5041	Oct. 12, 1911	0	0		1.0	3.1	1.4	.0026	.0128	0	0	0.63	1.10

NORTH NEW PORTLAND.

The water supply for this town is derived from a spring, which is situated about a mile and a quarter from the village. The spring is situated on the side of a hill, and is surrounded by a heavy hard wood growth. There are no buildings within a half mile of the spring, and no drainage, save from the forest floor, originates above the spring. The spring bubbles up out of white sand. It is stoned up and cemented, to exclude surface wash, and is covered by a house. The distribution is through iron pipes, by gravity.

The sanitary surroundings of this supply are excellent, and the water is of first-class quality.

NORTH NEW PORTLAND.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3180	Mar. 21, 1910	0	0	0	0	4.3	2.9	.0005	.0039	0.04	0	0.05	2.5
3663	Aug. 7, 1910	0	0	0	0.3	5.6	4.3	.0008	.0015	0.03	0	0.10	3.4
3995	Oct. 31, 1910	0	0	Slight	0.1	5.4	4.2	.0012	.0080	0.04	.0003	0.10	2.75
4183	Jan. 20, 1911	0	0	0	0	4.4	3.8	.0002	.0046	0.04	.0003	0.07	2.38
4483	May 6, 1911	0	0	Veg.	0.1	3.35	2.6	.0007	.0057	0.04	.0001	0.03	2.10
4727	July 17, 1911	0	0	Slight	0	4.60	3.5	0	.0028	.037	0	0.12	2.25
4998	Oct. 3, 1911	0	0	0	0	4.6	3.7	.0002	.0040	0.04	Trace	0.11	2.15

NORWAY.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3074	Jan. 24, 1910	0	0	Veg.	0.8	4.2	2.0	.0042	.0164	0	0	0.275	3.0	
3318	Apr. 25, 1910	0	0	Grassy	0.9	2.1	1.1	.0014	.0136	0	0	0.20	1.0	
3590	July 25, 1910	0	0	Veg.	0.5	3.8	1.6	.0028	.0112	Trace	0	0.25	1.8	
3904	Oct. 17, 1910	0	0	Veg.	0.7	3.4	1.8	.0028	.0136	0	0	0.075	1.9	
4206	Jan. 24, 1911	0	0	Grassy	0.6	4.5	2.5	.0022	.0132	0	0	0.20	2.2	
4401	Apr. 18, 1911	0.1	0	Slight	0.7	3.3	2.2	.0018	.0126	.015	0	0.17	1.95	
4714	July 18, 1911	0	0	Veg.	1.2	3.7	2.2	.0036	.0104	0	0	0.15	1.95	
5098	Oct. 24, 1911	0	0	Slight moldy	1.2	4.1	2.4	.0004	.0140	0	0	0.17	2.2	

OAKLAND.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3022	Jan. 4, 1910	0	0	Grassy	1.2	3.6	1.5	.0014	.0130	0	0	0.225	2.2	
3274	Apr. 13, 1910	0.3	0	Veg. & grassy	1.3	2.9	1.8	.0003	.0105	0	0	0.27	1.7	
3507	July 5, 1910	0	0	Veg.	1.8	3.3	1.3	.0044	.0138	0	0	0.20	1.9	
3824	Sept. 27, 1910	0	0	Veg.	1.7	3.4	1.9	.0006	.0170	0	0	0.15	1.9	
4115	Jan. 4, 1911	0	0	Grassy	0.8	3.1	2.0	.0036	.0108	0	0	0.25	1.65	
4348	Apr. 5, 1911	0	0	Veg.	1.1	3.80	2.40	.0012	.0148	Trace	0	0.19	1.65	
4636	July 3, 1911	0	0	Veg.	1.7	3.6	2.3	.0050	.0106	0	0	0.15	1.45	
4695	July 11, 1911	0	0	Grassy	1.8	3.4	1.9	.0024	.0116	0	0	0.17	1.45	
4994	Oct. 2, 1911	0	0	Grassy	1.5	3.4	2.0	.0018	.0164	0	0	0.20	2.00	

OLD TOWN.

The water supply of this city is in about the same condition as when last reported upon. The warning then given is here repeated, as the water is deteriorating in quality, owing to the increasing domestic and manufacturing wastes that are entering the river above this intake. It was well proven that the typhoid epidemic of 1904 was due to sewage from the town of Millinocket, about 75 miles above Old Town. As a result this supply is seen to be open to dangerous pollution at all times, and only the absence of typhoid fever on the upper river has prevented subsequent outbreaks in this city. The water from

the Penobscot River should be filtered if this source is continued in use, or, better yet, a new source of supply should be looked for, and at once adopted. The long drought of the past two years gives reason for the belief that there will be floods of considerable intensity along our rivers in the spring of 1912; which is a condition favoring water-borne disease, owing to the washing of the large accumulations of filth into the river, and owing to the greater distances which it will be carried on account of the stronger current. Owing to the purchase of the Orono Water company by the owners of this plant there is opened the possibility of using the abundant supply of the former company, from Chemo Lake, to supply Old Town.

OLD TOWN.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3030	Jan.	9, 1910	0	0	Veg.	4.4	6.4	2.8	.0036	.0238	0	0	0.175	2.80
3228	Apr.	3, 1910	0	0	Veg.	4.2	4.0	1.7	.0050	.0138	0	0	0.125	1.50
3512	July	5, 1910	0	0	Veg.	4.5	3.7	1.2	.0036	.0192	0	0	0.10	1.8
3841	Oct.	2, 1910	0	0	Veg.	4.5	5.6	2.2	.0012	.0188	0	0	0.05	1.78
4094	Jan.	1, 1911	0	0	Veg. & mouldy	4.7	5.9	2.6	.0030	.0270	Trace	0	0.175	2.60
4333	Apr.	2, 1911	0.2	0	Veg.	2.4	6.0	3.0	.0056	.0118	0	0	0.11	2.10
4666	July	9, 1911	0	0	Veg.	4.8	5.1	2.2	.0036	.0144	0	0	0.07	1.55
5007	Oct.	8, 1911	0	0	Veg.	4.1	5.4	2.6	.0070	.0250	0	0	0.12	2.15

ORONO.

The water supply for this town still comes from Chemo Stream, but the ownership of the supply has passed into the hands of the Bangor Railway & Electric Company, the owners of the Old Town and Brewer supplies. This system has, unfortunately, a connection with the Penobscot River, and, owing to a break in the pipe from Chemo Stream in March 1911, Penobscot River water was pumped into the mains. Fortunately there were no serious results, as might well have been expected. This connection should be discontinued.

After the purchase of the Orono Water Company by the present owners, a dam was constructed across the Stream, below the intake, which flooded a considerable amount of

meadow, bordering the stream. In addition the intake was extended a half mile farther up stream than it formerly was, and so-called gravel filters were installed. In December, 1911, an upper dam on this stream was closed by a lumber company, in order to flow a bog, across which they wished to haul logs. This resulted in a very great increase in the vegetable content of the water and also in its color. So great was this that the water was decidedly objectionable for physical reason, although there was no evidence of contact of the water with sewage wastes of any kind. If the water maintains this condition for any considerable part of the year, there will be complaint of it. An alum, mechanical filtration plant would easily remove this color and vegetable material from the water, and it is probable that the alkalinity of the water is such that there would be no need of the use of lime or soda ash in connection with the sulphate of alumina. The expense of such treatment might be prohibitive if the supply were used for Orono alone, but, if it were joined with the Old Town system, it might well be done. From a chemical and bacteriological point of view this water is in fine condition, as it is free from all evidence of contact with sewage wastes, and its physical condition can readily be made as satisfactory as is its sanitary condition.

ORONO.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3032	Jan. 11, 1910	0	0	Veg.	5.4	5.2	2.4	.0034	.0244	0	0	0.275	3.0
3281	Apr. 14, 1910	0	0	Veg.	3.6	3.45	1.45	.0012	.0174	0	0	0.23	1.6
3508	July 5, 1910	0	0	Veg.	3.1	3.4	1.4	.0032	.0208	0	0	0.225	1.8
3828	Sept. 25, 1910	0	0	Veg.	1.8	3.9	2.2	.0012	.0162	0	0	0.25	1.8
4129	Jan. 8, 1911	0	0	Veg.	3.3	4.4	2.7	.0070	.0166	0	0	0.25	1.9
4386	Apr. 11, 1911	0	0	Veg.	3.2	3.7	2.0	.0042	.0164	0	0	0.27	1.4
4624	June 26, 1911	0	0	Veg.	5.7	4.0	1.9	.0054	.0190	0	0	0.17	1.45
5034	Oct. 11, 1911	0	0	Veg.	3.2	3.8	1.8	.0022	.0144	0	0	0.22	2.00
5243	Dec. 11, 1911	0	0	Veg.	18.0	10.1	3.6	.0096	.0440	0	0.02	0.30	2.90

PATTEN.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3076	Jan. 24, 1910	0	0	0	0	8.8	6.5	.0006	.0054	0.10	0	0.325	6.7
3337	Apr. 26, 1910	0	0	0	0	7.5	6.2	.0009	.0049	0.12	0	0.32	5.1
3604	July 26, 1910	0	0	0	0	11.5	10.3	.0002	.0028	0.08	0	0.325	6.4
3930	Oct. 19, 1910	0	0	0	0	12.5	10.4	0	.0036	0.10	0	0.30	10.9
4203	Jan. 24, 1911	0.1	Ironrust	0	0	10.5	8.6	.0002	.0024	0.10	0	0.28	7.45
4458	Apr. 25, 1911	0.8	Ironrust	0	0	6.8	5.2	0	.0086	.055	0	0.25	4.25
4778	July 25, 1911	0	0	0	0	13.1	10.4	.0007	.0010	.125	0	0.28	8.90
5117	Oct. 30, 1911	0	0	0	0.2	11.1	9.2	0	.0054	0.08	0	0.25	7.35

PHILLIPS.

This supply has maintained its usual sanitary condition during the past two years, but there has been much complaint, during the last year, owing to a heavy growth of algae, which has been mainly Anabaena but has at times been accompanied by fairly heavy growths of Uroglena. The odor and taste has been such that, since the last summer, the water could not be used for drinking. Aside from repeated flushing of the pipes nothing has been done to remove the trouble. As is natural the water has improved with the advent of the cooler weather, but, at the time of the last analysis, in October, it was very noticeable.

PHILLIPS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3088	Jan. 24, 1910	0	Veg.	Veg.	3.4	3.8	2.2	.0022	0.134	0	0	0.125	2.2
3335	Apr. 26, 1910	0	0	Veg.	2.8	3.4	1.9	.0007	0.135	0	0	0.12	1.6
3607	July 26, 1910	0	0	Veg.	1.4	3.3	1.5	.0070	0.106	Trace	0	0.15	1.5
3908	Oct. 18, 1910	0.2	Fe	Veg.	2.4	3.0	1.4	.0008	0.180	0	0	0.08	1.6
4165	Jan. 17, 1911	0	0	Veg.	1.6	3.5	2.3	.0050	0.104	0	0	0.10	2.2
4404	Apr. 18, 1911	0	0	Veg.	1.6	3.9	2.4	.0034	0.120	Trace	0	0.07	1.30
4723	July 18, 1911	0	0	Grassy	1.9	3.6	2.2	.0040	0.126	0	0	0.06	1.85
5085	Oct. 23, 1911	0	0	Grassy	1.5	3.4	2.0	.0018	0.122	0	0	0.06	1.75

PITTSFIELD.

The supply for this town is still taken from the Sebasticook River. During the past two years the quality of this water has greatly deteriorated, and it has become usual to find intestinal bacteria in it. At the present time the water would be considered unfit to use for domestic purposes. To make this water safe for drinking it should be filtered. Better yet a new source of supply should be sought out, and at once put into operation. Not only are there pure surface waters to be obtained in the vicinity, but it should be possible to obtain good ground water by a system either of driven wells in the old river valley, or by deep wells on the higher land. The laboratory was given to understand that tests of the latter class of wells were under way in the fall of 1911.

PITTSFIELD.

Number.	DATE OF COLLECTION.			APPEARANCE.				RESIDUE ON EVAPORATION		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
				Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3020	Jan.	4.	1910	0	0	Veg.	6 0	7.1	3.3	.0052	.0170	0	0	0.20	3.9
3225	Apr.	4.	1910	0	0	Veg.	3.7	4.1	1.9	.0024	.0130	0	0	0.20	2.0
3495	July	4.	1910	0	0	Veg.	3.8	4.35	1.90	.0036	.0194	0	0	0.15	1.65
3826	Sept.	27.	1910	0	0	Veg.	2.1	4.3	2.1	.0005	.0094	0	0	0.10	2.8
4092	Jan.	2.	1911	0	0	Veg. & mould.	1.6	4.8	2.6	.0034	.0242	Trace	0	0.175	2.5
4331	Apr.	3.	1911	0.1	0	Veg.	1.7	5.2	3.4	.0064	.0232	0.02	Trace	0.23	2.6
4638	July	1.	1911	0	0	Grassy	3.5	5.1	3.2	.0050	.0154	0	0	0.10	2.25
4999	Oct.	4.	1911	0	0	Veg.	2.6	4.5	2.4	.0036	.0192	Trace	0	0.13	2.70

PORTLAND.

This city takes its supply from Sebago Lake, which is located about 17 miles from the city. The drainage area of this lake is about 300 square miles, and the water area of this lake, together with its tributary lakes and streams, is about 100 square miles. The Maine Water Company formerly owned this system, but it is now owned by the Portland Water District. During the past year work has been started on a new pipe line for the lake to the city, to supplement the former system.

This system supplies the following towns and cities:—Cape Elizabeth, Falmouth Foreside, Westbrook, South Portland and Portland.

The quality of this water is excellent, and the Water District keeps strict watch over the watershed, to maintain this purity. The Maine Water Company had obtained several special laws and acts from the legislature for the protection of this supply, which are still in force. Probably the best evidence we have of the purity of this water is the fact that the Water District in no way questioned its purity during the proceedings to fix the value of the plant and franchises of the Maine Water Company. A patrol of the lake is constantly maintained, in order to keep opportunity of pollution from the water.

PORTLAND.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fired.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3141	Feb. 23,	1910	0	0	Veg.	0.6	3.0	1.5	.0002	.0094	0	0	0.275	2.1
3149	Mar. 2,	1910	0	0	Veg.	0.3	2.3	1.2	.0002	.0076	Trace	0	0.20	1.2
3151	Mar. 2,	1910	0	0	Veg.	0.4	2.7	1.5	.0006	.0094	Trace	0	0.20	1.26
3305	Apr. 20,	1910	0	0	Veg.	0.8	2.4	1.4	.0003	.0067	0	0	0.225	1.4
3573	July 19,	1910	0	0	Veg.	0.8	2.9	1.3	.0016	.0100	0	0	0.20	1.2
3870	Oct. 10,	1910	0	0	Slight	0.3	2.9	2.6	.0042	.0104	0	0	0.05	1.04
4042*	Nov. 26,	1910	0	0	Slight	0.3	2.45	1.45	.0008	.0090	Trace	0	0.15	1.49
4043†	Nov. 26,	1910	0	0	Slight	0.3	2.5	1.5	.0016	.0090	Trace	0	0.15	1.49
4159	Jan. 17,	1911	0	0	Slight	0.6	3.3	2.5	.0012	.0080	0	0	0.15	1.65
4408	Apr. 18,	1911	0	0	0	0.2	2.9	1.8	.0002	.0094	Trace	0	0.17	1.3
4722	July 17,	1911	0.2	0	Slight	0.6	2.6	1.7	.0002	.0098	0	0	0.18	1.3
5049	Oct. 16,	1911	0	0	Veg.	0.6	2.70	1.50	.0014	.0096	0	0	0.13	1.55

* Lower gate house.

† Upper gate house.

PRESQUE ISLE.

This supply has maintained its usual condition during the past two years. At least twice during this period the water from the mill pond, of which mention was made in our last report, was used in this system. As before noted this water is not of satisfactory quality. One sample was marked as coming from Presque Isle Stream, but we were unable to learn if this was for a temporary or permanent supply.

PRESQUE ISLE.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrat.es.	Nitrit.es.		
3089	Jan. 23, 1910	1.0	Earthy	Veg.	1.2	13.6	10.6	.0018	.0074	0.087	0	0.425	11.0
3329	Apr. 25, 1910	1.4	Earthy	Veg. & earthy	2.2	13.1	9.9	.0012	.0106	0.075	0	0.40	9.0
3635	Aug. 1, 1910	1.8	Earthy	Veg.	5.0	17.6	13.2	.007	.0206	0.04	0	.0525	10.5
3905*	Oct. 16, 1910	0	0	0	0.8	14.2	11.1	.0007	.0123	0.07	0	0.57	10.5
4213	Jan. 23, 1911	0	0	0	0.2	19.0	17.2	.0030	.0060	0.30	.0003	0.67	17.5
4280	Mar. 4, 1911	0	0	0	0.3	19.7	17.5	.0074	.0062	0.125	.0015	0.60	17.0
4281*	Mar. 4, 1911	1.8	Earthy	Mouldy	1.7	11.2	9.3	.0054	.0170	0.04	0	0.30	7.9
4459	Apr. 26, 1911	0.7	0	Veg.	1.3	13.7	10.6	.0018	.0100	.075	0	0.42	10.0
4783	July 25, 1911	0	0	Slight	1.9	12.7	9.0	.0012	.0142	0.04	.0001	0.50	8.1
5050†	Oct. 16, 1911	1.1	Veg.	Veg. & mouldy	4.3	9.8	5.2	.0070	.0254	Trace	0	0.16	4.55
5120	Oct. 30, 1911	0	0	Veg.	0.9	16.4	13.7	.0046	.0128	0.08	.0001	0.48	12.2

* Mill pond.

† Presque Isle stream.

RANGELEY.

The samples from this supply have been sent to us by the local board of health. The source of the supply is a brook on the side of Saddleback Mountain, called Cascade Brook. This brook is dammed, and the intake is located in the pond thus formed. During the summer of 1910 this water became very heavily loaded with vegetable material in solution, so that it had not only a high color, but considerable odor and taste for a few weeks. No algae growth was present at the time, neither was there any evidence of contact with sewage. The brook and pond being located above all houses, and in wild land practically excludes the possibility of pollution of this supply by sewage wastes. By the time of the fall analysis in 1910 the water had returned to its usual condition.

Like all mountain streams, draining a heavily wooded country, this one furnishes a water that is subject to considerable fluctuation in vegetable content and color, but it is otherwise an entirely satisfactory water.

RANGELEY.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3252	Apr. 6, 1910	0	0	Veg.	2.4	3.15	1.55	.0008	.0132	0	0	0.10	1.5
3619	July 27, 1910	0.1	Veg.	Veg. & grassy	8.5	4.40	2.20	.0170	.0310	Trace	0	0.125	1.2
3983	Oct. 31, 1910	0	0	Veg.	3.7	4.00	1.70	.0042	.0080	0	0	0.075	1.7
4180	Jan. 19, 1911	0	0	Slight	1.8	3.60	2.60	.0054	.0066	0.01	0	0.10	2.1
4417	Apr. 17, 1911	0	0	Veg.	3.1	3.70	1.70	.008	.0156	Trace	0	0.05	1.3
4769	July 24, 1911	0	0	Veg.	4.8	3.90	2.0	.0036	.0180	0	0	0.05	1.3
5065	Oct. 17, 1911	0	0	Veg.	2.1	3.10	1.80	.0038	.0066	Trace	0	0.06	1.45

RICHMOND.

No change has occurred in either the condition of the water of this supply, or in the source from which it comes. The water remains, as it has been for many years past, one of the worst polluted waters in the State. Only the absence of typhoid fever in the towns and cities on the Kennebec River above the intake prevents a serious outbreak of this disease in this town. This change in the typhoid fever conditions in the towns and cities above Richmond has been brought about by a change of their public supplies from the river to pure surface waters of lakes and streams. Before this was done there were outbreaks of this disease in all the towns and cities along the river valley, which used water from it. This town drinks not only the sewage of the towns above it, but the location of the intake of its water supply causes its own drainage to pass back and forth over it, with every change of tide. Intestinal bacteria are always present in the water.

RICHMOND.

Number.	DATE OF COLLECTION.		APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Settling.	Odor.	Co ^o .	Total.	Filced.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3023	Jan.	4, 1910	0	0	Veg.	3.2	6.	2.9	.0012	.0142	0	0	0.30	2.40
3224	Apr.	4, 1910	0.9	Fearhy	Veg. & mouldy	4.0	4.0	1.9	.0044	.0156	0	0	0.225	2.10
3503	July	5, 1910	1.5	Fearhy	Veg.	5.6	5.6	2.2	.0052	.0188	Trace	Trace	0.20	2.4
3821	Sept.	24, 1910	0.2	Fearhy	Veg.	1.7	6.2	.1	.0022	.0202	0	Trace	0.40	2.2
4097	Jan.	3, 1911	0	0	Veg.	1.5	1.5	.8	.0036	.0146	Trace	0	2.775	3.5
4328	Apr.	3, 1911	0	0	Slight	1.3	7.	4.4	.0054	.0188	0.02	0	1.22	3.6
4662	July	10, 1911	0	0	Veg.	3.8	6.1	3.3	.0036	.0174	Trace	0	0.40	2.1
4996	Oct.	3, 1911	0.4	0	Slight Veg.	2.6	5.8	3.2	.0022	.0124	Trace	Trace	0.53	2.55

RUMFORD.

The public supply of this town still comes from the driven wells, which were described in the last report. After the installation of the aerator there was no further action of the water on the distribution system. During 1910, and up to the fall of 1911, there was a slight but gradual increase in the iron content of this water as it came from the ground; and upon which the aerator had no influence, save to cause it to oxidize quicker than it otherwise would. But, in the fall of 1911, there came a sudden jump in the amount of iron. This increase was not only in the total iron, but also in the dissolved iron. The latter rose to about ten times its former amount; while the total iron rose until it reached over twenty parts per million in one case.

This increase in the iron content of the water entirely unfitted this supply for drinking, or for other domestic use. The water, coming from the wells with this heavy iron content and being passed through the aerator, had its iron quickly rusted to the ferric form, which passed into the pipes of the distribution system, and which was drawn from the taps.

In 1910 the legislature granted the right to form a Water District to the towns of Rumford and Mexico. At the special election Mexico refused to be a party to the agreement, but the people of Rumford voted to form the Water District to include Rumford alone. The hearings on the appraisal of the plant and franchises of the Rumford Falls Light & Water Company will be held early in 1912.

The trustees of the Water District are examining several new sources of supply, especially Howard Pond. As it is entirely possible to purify the present supply, and at a low cost, it seems as though attention should first be paid to this source. A coarse filter, through which the aerated water could be passed, would remove the oxidized iron readily, although more thorough aeration is needed to entirely remove the odor and taste, that accompanies the very large amount of iron that has been present this fall.

There is no question of the freedom of this supply from contact with sewage pollution. Also there is no question of the amount of water being adequate to all possible demands. These facts, taken together with the admitted one that a driven well supply is easier to protect from sewage pollution, makes it a very open question whether it is advisable to desert this easily protected source for a surface water supply.

With its present iron content there is no question of the unfitness of this water for drinking, and for all domestic uses.

RUMFORD.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3061	Jan. 18, 1910	0.2	Iron	0	2.7	7.5	5.6	0002	0054	0.045	0	0.40	5.8	
3332	Apr. 26, 1910	0	0	Veg.	2.7	3.25	1.8	0007	0079	0	0	0.10	1.6	
3608	July 26, 1910	0	0	0	2.0	7.1	4.8	0090	0074	0.05	0	0.375	3.60	
3914	Oct. 18, 1910	0.3	0	Slight	4.8	7.6	5.6	0094	0078	0.03	0	0.35	4.45	
4171	Jan. 17, 1911	1.2	Iron	Mouldy	2.4	8.1	5.9	0018	0058	0.025	0	0.47	5.15	
4407	Apr. 18, 1911	2.6	Iron	Mouldy	8.0	9.3	6.0	0038	0072	0.05	0	0.47	4.5	
4420	Apr. 19, 1911	2.5	Fe(OH) ₃	Mouldy & slight	6.5	9.2	6.1	0042	0078	0.045	Trace	0.47	4.25	
4421	Apr. 19, 1911	4.0	Fe(OH) ₃	Mouldy	6.8	9.6	6.3	0036	0086	0.04	Trace	0.47	4.20	
4422	Apr. 19, 1911	3.7	Fe	Mouldy & slight	6.5	9.6	6.3	0032	0082	0.045	Trace	0.47	4.35	
4425	Apr. 19, 1911	1.0	0	Mouldy	6.2	8.1	5.5	0018	0112	0.045	Trace	0.465	3.95	
4659	July 5, 1911	0	0	Mouldy	0.9	10.0	8.5	0070	0050	0.15	0004	0.35	7.30	
4936	Sept. 9, 1911	2.0	Fe	Slight	20.0	10.0	7.6	0125	0135	0.05	0	0.40	2.58	
5089	Oct. 23, 1911	26.0	Iron hydroxide	Metallic	18.0	13.1	10.8	0042	0152	0.04	0	0.42	4.9	
5152	Nov. 6, 1911	2.1	Fe(OH) ₃	Metallic	14.0	9.6	6.9	0070	0064	0.04	0	0.425	4.4	
5153	Nov. 6, 1911	2.3	Fe(OH) ₃	Metallic	15.0	10.4	7.5	0120	0064	0.04	0	0.425	1.3	
5154	Nov. 6, 1911	2.1	0	Metallic	14.0	9.2	6.5	0007	0093	0.035	0	0.42	1.3	
5155	Nov. 6, 1911	2.6	Fe(OH) ₃	Metallic	14.0	9.9	7.2	0086	0088	0.04	0	0.425	4.4	
5156	Nov. 6, 1911	2.5	Fe(OH) ₃	Metallic	14.0	10.4	7.2	0118	0086	0.025	0	0.425	4.6	
5157	Nov. 6, 1911	14.0	Fe(OH) ₃	Slight & metallic	27.5	15.7	11.4	0084	0138	0.04	0	0.425	4.55	
5159	Nov. 6, 1911	7.0	Fe(OH) ₃	Metallic	18.0	11.25	8.0	00.0	0106	0.04	0	0.425	3.7	
5161	Nov. 6, 1911	3.8	Fe(OH) ₃	Metallic	14.0	10.5	7.6	0100	0076	0.04	0	0.425	4.6	
5219	Nov. 27, 1911	1.3	0	Metallic	8.0	9.2	6.4	0050	0094	0.04	0	0.42	4.5	

SANFORD.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3075	Jan.	24, 1910	0	0	0	0	3.4	2.5	.0005	.0017	Trace	0	0.275	2.5
3338	Apr.	25, 1910	0	0	0	0	2.9	2.3	.0002	.0034	0.01	0	0.37	2.0
3630	Aug.	1, 1910	0	0	0	0	3.6	2.5	.0002	.0025	0	0	0.225	1.80
3944	Oct.	24, 1910	0	0	0	0	3.6	2.4	.0002	.0044	0	0	0.225	2.05
4191	Jan.	23, 1911	0	0	0	0	3.6	3.2	.0002	.0024	0.01	Trace	0.29	2.2
4444	Apr.	25, 1911	0	0	0	0	3.4	2.5	0	.0018	.015	0	0.25	2.1
4751	July	24, 1911	0	0	Slight	0	4.0	2.9	.0002	.0030	0	0	0.25	1.95
5087	Oct.	23, 1911	0	0	Slight	0.1	3.7	3.4	.0004	.0072	0	0	0.27	1.9

SANGERVILLE.

Until the fall of 1910 this town continued to use the spring water supply, as described in our last report.

In 1910 the Guilford Water Company installed a water system for that town, taking their water from Bennett Pond, in the town of Abbot. This pond is small, and is reported to have no streams running into it, being spring fed. There are no houses or camps reported about the shores, which are mostly covered by a mixed hard and soft wood growth. The shores of the pond are fairly high, and the bottom stony and gravelly.

In the fall of 1910 this system was extended to Sangerville, as the former system could not furnish adequate fire protection; and, since that time, it has constituted the public supply of both towns. The change from a spring to a surface water is readily noted in the table of analyses, although it should be taken into account that the total organic material, as represented by the "albuminoid ammonia," is not that of the pond water; which is also true of the free ammonia in samples Nos. 4001, 4117 and 4409. This increase in these two constituents is nearly always to be noticed for a few months after the installation of a long system of new tarred pipes.

This water is free from evidences of contact with sewage wastes, and is a good drinking water in every respect. Being largely a spring fed pond we find that the water from it is harder than the majority of the surface waters of of the State. This is probably owing to the fact that the section of the State,

where this pond is located, is underlain by a formation of calcareous slate, which causes all of the deep waters of the region to be very hard.

SANGERVILLE.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3104	Jan.	31, 1910	0	0	0	0	5.4	4.3	0	.0032	0.02	0	0.20	2.85
3360	May	2, 1910	0	0	Slight	0.1	3.8	2.6	.0015	.0027	Trace	0	0.15	2.4
3676	Aug.	9, 1910	0	0	0	0	6.6	4.9	.0004	.0036	0.06	0	0.225	4.74
4001	Nov.	7, 1910	0	0	Veg.	2.2	6.8	5.0	0.124	0.178	0	0	0.32	5.20
4117	Jan.	18, 1911	0	0	0	0.4	6.5	4.6	0.220	0.134	0	0	0.17	4.40
4409	Apr.	18, 1911	0	0	Veg.	1.4	6.8	5.1	0.238	0.176	0	0	0.11	4.75
4702	July	17, 1911	0	0	Veg.	1.7	6.5	4.6	.0054	0.134	0	0	0.09	3.50
5042	Oct.	12, 1911	0	0	Slight	0.9	5.5	3.2	.0070	0.136	0	0	0.14	3.20

SEAL HARBOR.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3015	Jan.	13, 1910	0	0	Veg.	0.8	4.3	2.8	.0008	.0052	0	0	0.65	1.95
3278	Apr.	12, 1910	0	0	Veg.	0.6	2.8	2.2	.0008	.0072	0	0	0.70	1.6
3542	July	11, 1910	0	0	Slight	0.1	2.5	1.6	.0022	.0060	0	0	0.75	1.5
3845	Oct.	3, 1910	0	0	Veg.	0.7	2.8	1.2	.0008	.0080	0	0	0.62	1.04
4147	Jan.	11, 1911	0	0	Slight	0.3	3.00	2.3	.0036	.0070	0	0	0.68	1.50
4358	Apr.	10, 1911	0	0	Veg.	0.1	3.3	2.5	.0022	.0064	0	0	0.62	1.25
4684	July	8, 1911	0	0	Mouldy	0.5	3.6	2.4	.0018	.0074	0	0	0.65	1.55
5033	Oct.	10, 1911	0	0	Slight	0.6	2.7	1.9	.0007	.0069	0	0	0.62	1.25

SEARSPORT.

Number	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3040	Jan. 11, 1910	0	0	Veg.	0.8	4.0	2.1	.0024	.0160	0	0	0.25	2.1	
3297	Apr. 19, 1910	0	0	Veg.	0.4	2.3	1.1	.0012	.0096	0	0	0.25	1.1	
3555	July 15, 1910	0	0	Veg.	0.4	2.7	1.5	.0012	.0140	0	0	0.30	1.7	
3871	Oct. 10, 1910	0	0	Veg.	0.4	3.4	2.2	.0002	.0110	0	0	0.30	1.49	
4134	Jan. 9, 1911	0	0	Slight	0.1	2.8	1.7	.0034	.0124	0	0	0.30	1.8	
4389	Apr. 17, 1911	0	0	Slight	0.1	2.3	1.3	.0034	.0134	0	0	0.23	1.15	
4743	July 19, 1911	0	0	0	0.2	3.0	1.5	.0012	.0106	0	0	0.25	1.30	
5010	Oct. 7, 1911	0	0	Veg.	0.5	3.0	1.6	.0018	.0126	0	0	0.225	1.5	

SKOWHEGAN.

During the past two years we have been able to obtain samples from only the Skowhegan Water Company. No samples have come to us from the Coburn Aqueduct Company and the West Aqueduct Company.

The Skowhegan Water Company have made no change in their source of supply. The artificial pond water has been used the greater part of the past two years. This water has been in the same condition in which it was reported two years ago. It has not shown evidence of contact with sewage wastes, but its location and construction is such that it receives a large amount of wash from clay lands, which makes the water turbid at practically all times, and, after heavy rains, leaves it dirty for a considerable period. While the water from this pond has been a safe drinking water during the period covered by this report it has been far from a satisfactory water. If its use is continued the people of the town have a right to demand that it be purified, at least as far as its physical appearance is concerned.

Unfortunately the company has maintained its connection with the Kennebec River, and, during each of the years covered by this report, have been obliged to pump this water into their mains, in connection with the pond water. The water of the Kennebec River below Madison is absolutely unfit to use for drinking purposes, owing to pollution by both domestic sewage and manufacturing wastes from woolen and pulp mills.

The maintenance of this emergency intake in the light of knowledge of existing conditions on the river above should be prohibited. It constitutes an ever present threat of water-borne disease.

Coupled with the physically unsatisfactory condition of the pond water and the absolutely unsafe condition of the emergency supply of river water, is the fact that adequate fire pressure is not available from this system. These facts show the necessity of a new source of supply for this town, both on public health and financial grounds.

SKOWHEGAN.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3024*	Jan. 5, 1910	0.1	0	Veg.	1.7	4.7	2.6	.0014	.0082	0.075	Trace	0.375	2.55	
2051†	Jan. 17, 1910	0	0	Veg.	1.8	5.2	2.0	.0008	.0142	0.015	0	0.10	3.0	
3277*	Apr. 13, 1910	2.0	Earthy	Veg. & earthy	1.8	4.5	3.1	.0005	.0087	0.05	0	0.32	1.9	
3403*	May 23, 1910	0.4	0	Earthy & veg.	2.1	4.6	2.5	.0012	.0144	0.035	0	0.275	1.8	
3510*	July 6, 1910	0.5	Iron	Veg.	3.5	5.4	2.9	.0026	.0176	0.03	0	0.325	1.8	
3864	Oct. 4, 1910	0.9	0	Veg.	3.5	6.3	2.6	.0006	.0118	0.03	.0003	0.40	2.6	
4107	Jan. 3, 1911	0.8	Earthy	Veg.	1.7	5.9	3.9	.0028	.0092	0.06	0	0.35	1.8	
4347	Apr. 4, 1911	4.0	Earthy	Veg. slight	1.3	7.9	5.7	.0044	.0180	0.06	0	0.27	1.65	
4648	July 4, 1911	0	0	Veg.	3.6	5.1	3.2	.0070	.0096	0.02	0	0.35	2.30	
4980†	Oct. 1, 1911	0.7	Veg.	Veg.	2.8	4.4	2.0	.0022	.0152	0	Q	0.22	1.90	

* Reservoir.

† Reservoir and river.

SOUTH BERWICK.

Number.	DATE OF COLLECTION.		APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
			Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3109	Feb. 1, 1910	0	0	Veg.	5.9	6.9	3.6	.0024	.0218	Trace	0	0.402	2.85	
3353	May 2, 1910	0	0	Veg.	9.0	5.8	3.0	.0044	.0234	0	0	0.375	2.9	
3654	Aug. 2, 1910	1.2	Earthy Veg.	Veg.	4.0	7.0	4.0	.0020	.0198	0	.0007	0.775	2.67	
3965	Oct. 26, 1910	0.3	0	Veg. and Tar	6.5	6.9	5.3	.0072	.0140	Trace	0	0.35	3.55	
4195	Jan. 23, 1911	0.1	0	Grassy	4.8	9.3	6.1	.0070	.0232	0.02	0	0.50	4.20	
4474	May 2, 1911	0.2	0	Veg.	5.4	6.2	3.6	.0036	.0340	0.015	0	0.37	1.95	
4765	July 24, 1911	1.8	Fe	Veg. and Grassy	8.2	7.7	4.7	.0052	.0558	0	0	0.36	2.65	
5094	Oct. 23, 1911	0	0	Veg.	7.1	9.2	6.2	.0042	.0278	0	0	0.45	3.05	

SOUTH PARIS.

The public supply of this town comes from a combination system of springs and brook water. The analyses indicate it to be mainly brook water. No information has been given us in regard to this system, save that there is no opportunity of pollution of the water. The analyses have showed the water free from evidences of contact with sewage wastes.

Sample No. 4503, which is included in the appended tabulation, is from one of the springs, which is used in connection with the brook water.

SOUTH PARIS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
4062	Dec. 5, 1910	0	0	Veg.	0.6	4.9	3.7	.0007	.0095	0.01	.0004	0.20	2.95	
4482	May 4, 1911	0	0	Veg.	2.9	4.0	2.0	.0020	.0114	Trace	0	0.15	1.45	
4503	May 10, 1911	0	0	0	0	3.1	2.8	0	.0029	0	0	0.12	1.45	
4874	Aug. 21, 1911	0	0	Veg.	6.5	5.8	3.1	.0052	.0218	0	0	0.175	2.58	
5101	Oct. 24, 1911	0	0	Veg.	2.6	5.9	3.5	.0018	.0134	0	0	0.27	2.20	

SOUTHWEST HARBOR.

The water supply of this town comes from two sources, namely from two drilled wells on a hill west of the village, and from Long Pond, which is located about two and a half miles from the village. At this time most of the water comes from the surface supply, although the wells formerly furnished the main source of supply.

This pond is about six miles long, and is situated between two high mountains. The pond is mainly spring fed, as is shown by the color and vegetable content of the water. There are no houses on the watershed, and so no chance for pollution of this water by sewage wastes. The analyses have always shown it to be in first-class condition.

The water from the pond, as well as from the two wells when they are in use, is pumped to a standpipe, having a capacity of 107,000 gallons, and located 225 feet above tide. There is a

pressure of about 90 pounds on the main street. The pipes in the village of Southwest Harbor are all underground, but surface pipes extend to the village of Manset and to many cottages near Southwest Harbor. There is also a pipe under the sound to Greenings Island. The nearness of the ledge to the surface is the cause of the large amount of surface pipe, which is not used during the winter.

SOUTHWEST HARBOR.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3217	Mar. 28, 1910	0	0	Veg.	0.9	2.8	1.8	.0014	.0056	0	0	0.65	1.50
3667	Aug. 8, 1910	0	0	0	1.0	2.8	1.6	.0006	.0092	0	0	0.65	1.0
3981	Oct. 31, 1910	0	Iron rust	0	0.4	2.7	1.4	.0016	.0084	0	0	0.65	1.4
4222	Jan. 25, 1911	0	0	Veg.	1.3	3.7	2.5	.0018	.0096	0	0	0.69	1.4
4418	April 18, 1911	0	0	Slight	0.1	3.1	2.0	.0007	.0101	0	0	0.67	1.33
4827	Aug. 7,	0	0	Veg.	0.9	2.8	2.3	.0007	.0071	0	0	0.61	1.25

SPRINGVALE.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3084	Jan. 25, 1910	0	0	Slight	0	4.8	3.6	.0240	.0062	0	0	0.325	3.45
3342	April 27, 1910	0	0	0	0	3.2	2.4	.0052	.0060	0.01	0	0.30	2.1
3629	Aug. 1, 1910	0	0	Grassy	0	3.7	2.6	.0120	.0038	0.01	0	0.40	2.4
3966	Oct. 26, 1910	0	0	Grassy	0	4.4	3.6	.0005	.0071	0.01	0	0.325	2.2
4209	Jan. 24, 1911	0	0	Grassy	0	5.2	3.2	.0007	.0045	0	0	0.35	3.1
4455	April 25, 1911	0	0	Grassy	0.2	3.2	2.3	.0012	.0080	0	0	0.20	1.55
4758	July 24, 1911	0	0	Grassy & earthy	1.9	3.7	2.7	.0050	.0174	0	0	0.18	1.55
5106	Oct. 24, 1911	0	0	Veg.	0	4.4	3.3	.0022	.0080	0.02	0	0.22	2.20

STONINGTON.

The water supply for this town comes from Burnt Land Pond, which is located about a mile north of the village of Stonington. The pond is small, and lies in the hills, far from any possibility of sewage pollution, and without any houses on

the watershed. The ground in the immediate vicinity of the pond is low and swampy, there being an easy approach to the edge of the water in but one place, where a ledge of granite runs out from the high land. Back of the swampy margin the pond is surrounded by a heavy growth of spruce and fir.

As a result of these conditions this water is very highly colored, and contains a very large amount of vegetable matter, which has been extracted from the surrounding swamp. These things led me to speak no praise for this water when the first samples came to hand, during the period in which the Water Company was deciding whether or not to install a water system.

Later, after a study of the conditions existing in this town, I advised the use of this water, and in the condition in which it came from the pond. This was done for the following reasons.

The town of Stonington is built practically on ledge. There is but very little drift overlying the granite. As a result, all of the wells of the town were very shallow, and received nothing but surface water, as there was no time for any oxidation of the organic material, or for any filtration of the bacterial matters during the short time which the water took to settle through the shallow drift layer to the granite. Examination of the well waters in the village showed that they were very badly polluted by sewage wastes, as the town had no sewage system.

The source of a public supply for this town was limited to either a surface water, or a drilled well system. The high cost of the latter system, compared with the possible revenue from it, together with the fact that experience in the locality had proved that drilled wells were more or less of a gamble, as many of them struck salt water, made a drilled well system out of the question. The choice of a surface water supply was limited to Burnt Land Pond, as it was the only pond on the island that could supply the needed amount of water. The analyses of the water showed that a mechanical filter, of any of the types using sulphate of alumina as a coagulent, would readily remove the color and excess of vegetable material, but the cost of the installation and operation of such a plant made impossible its inclusion in the system.

The question thus resolved itself into a balancing of the polluted well waters, some of which were quite colorless, against

the highly colored but unpolluted water from Burnt Land Pond. Under the conditions I believed that a supply of water, such as this showed itself to be, was preferable to the ground waters then in use; and I so reported.

Since the present water supply was put into operation I am informed that there has been a very considerable amount of decrease in sickness in this village.

STONINGTON.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.			Free.	Albuminoid.	Nitrates.	Nitrites.		
					Total.	Fixed.	Fixed.						
4232	Feb. 1, 1911	0	0	Veg. and grassy	9.6	9.0	4.4	.0104	.0510	0.01	0	1.43	2.1
4375	April 10, 1911	0	0	Grassy	8.5	7.8	3.5	.0094	0.330	0	Trace	1.41	1.95
4717	July 16, 1911	0	0	Veg.	13.5	6.7	3.2	.0070	.0300	Trace	0	1.23	1.45
5073	Oct. 16, 1911	0	0	Veg.	7.6	7.3	3.8	.0054	.0370	.015	0	1.32	1.45

STRATTON.

The main source of supply for this town continues as in the past, but in the appended tabulations is included one sample, No. 4892, which is from a mountain brook on the side of Mt. Bigelow, which is employed as an emergency supply during such periods of low water as we had during the last summer. The brook is in wild land, and far from all sources of sewage pollution. Its color and vegetable content are naturally above those of the regular spring supply, but it is a safe water to use for all domestic purposes.

STRATTON.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.	
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
3220	Mar. 28, 1910	0	0	0	0.4	4.05	2.70	.0002	.0060	0	0	0.05	2.40	
3673	Aug. 8, 1910	0.1	0	Slight	0	5.0	4.1	.0004	.0030	0	0	0.10	2.75	
3986	Nov. 1, 1910	0	0	Slight	0	5.70	4.40	.0002	.0046	Trace	0	0.05	3.85	
4224	Jan. 20, 1911	0	0	0	0.1	5.40	4.50	0	.0042	0	0	0.06	3.00	
4452	April 19, 1911	0	0	0	0.8	4.10	2.60	.0002	.0082	0	0	0.03	2.20	
4843	Aug. 8, 1911	0	0	0	0.5	6.05	4.55	0	.0020	.003	0	0.07	4.30	
*4892	Aug. 27, 1911	0	0	Slight Veg.	4	5.5	6.0	3.60	.0070	.0222	0	0	0.10	2.58
5115	Oct. 26, 1911	0	0	0	0.6	6.30	4.70	.0007	.0045	0	0	0.05	2.75	

*Emergency supply.

STRONG.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3080	Jan. 22, 1910	0	Veg. #	Veg.	4.5	4.0	2.2	.0026	.0158	0	0	0.10	3.0
3346	April 30, 1910	0	0	Veg.	4.5	3.1	1.8	.0022	.0134	0	0	0.15	1.5
3606	July 26, 1910	0	0	Veg.	1.7	5.4	3.0	.0022	.0152	Trace	0	0.10	3.0
3933	Oct. 24, 1910	0	0	Slight	2.7	5.0	3.0	.0034	.0150	0	0	0.07	3.05
4221	Jan. 26, 1911	0	0	Woody	4.2	7.3	4.0	.0054	.0200	0.02	0	.012	3.4
4388	April 17, 1911	0	0	Veg.	3.8	4.25	1.95	.0050	.0180	0.02	0	0.08	1.85
4847	Aug. 12, 1911	0	0	Veg.	2.1	5.4	2.6	.0056	.0178	0	0	0.04	2.15
5074	Oct. 17, 1911	0	0	Veg.	3.6	5.5	3.0	.0026	.0188	Trace	0	0.07	2.90

UNION.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS		Chlorine.	Hardness
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3067	Jan. 18, 1910	0	0	Grassy	0.1	6.4	4.9	.0002	.0064	0	0	0.60	3.3
3309	April 20, 1910	0	0	grassy	1.1	4.5	3.3	.0004	.0102	Trace	0	0.525	2.8
3579	July 20(?), 1910	0.4	0	Grassy	0.9	7.2	5.5	.0003	.0271	0	0	0.675	3.06
3890	Oct. 11, 1910	0	0	Veg.	0.7	4.5	3.5	.0002	.0086	.015	0	0.60	3.6
3405	Nov. 7, 1910	0.1	0	0	0.2	6.2	4.7	.0012	.0070	0.02	0	0.45	2.98
4146	Jan. 11, 1911	0.4	0	0	0.6	7.0	5.7	.0046	.0074	0.02	Trace	0.53	3.05
4395	April 15, 1911	1.4	Earthy	0	0.6	4.8	3.4	.0003	.0091	0.015	0	0.36	1.70
4740	July 19, 1911	0	0	0	0.1	3.4	2.6	.0002	.0040	0	0	0.33	1.15
5017	Oct. 10, 1911	0.7	0	Grassy	1.2	7.1	5.2	0	.0154	0	0	0.48	3.85

VAN BUREN.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3116	Feb. 1, 1910	0	0	Veg.	2.2	6.8	4.3	.0010	.0056	0	0	0.125	5.00
3340	April 26, 1910	0	0	Veg.	4.2	4.9	2.5	.0013	.0097	0.01	0	0.12	2.35
3669	Aug. 8, 1910	0	0	0	0.2	8.4	7.1	.0008	.0024	Trace	0	0.07	6.42
3950	Oct. 24, 1910	0	0	Slight	1.2	7.9	5.3	.0014	.0080	Trace	0	0.10	5.90
4211	Jan. 23, 1911	0	0	0	0.2	8.2	7.0	.0002	.0044	0.02	0	0.09	6.30
4449	April 24, 1911	0	0	Veg.	2.4	6.8	4.7	.0014	.0092	0.04	0	0.15	5.10
4777	July 24, 1911	0	0	0	1.4	8.8	6.8	.0002	.0084	Trace	0	0.05	6.10
5103	Oct. 23, 1911	0	0	0	1.2	8.8	7.5	.0007	.0065	0	0	0.12	6.15

VINALHAVEN.

The water supply for this town was installed late in 1910. During the two previous years the laboratory had made numerous analyses of the surface waters on this island for the Vinalhaven Water Company, to aid in deciding which was best suited for such use. As a result of this work the pond known as "Round Pond" was chosen as the source of supply.

This pond is located about two and a half miles from the village of Vinalhaven, and is about nine acres in area. The depth varies from ten to twenty feet, and the bottom is fairly clean from mud. The pond is surrounded by wooded lands, and the watershed is free from possibilities of pollution by sewage wastes.

This pond drains into another pond, known as "Folly Pond," which is about eight feet lower, and about 500 feet distant. This pond has a rather muddy bottom, and is surrounded by lower, and more swampy shores than is Round Pond. The pond is also larger than is Round Pond, being about 12 acres in area. The water in Folly Pond is naturally more highly colored than that in Round Pond, and contains more dissolved vegetable material. Otherwise the two waters closely resemble each other.

There is a connection with Folly Pond, which is to be used in case of emergency. During the long drought of the past summer it was necessary to use water from Folly Pond, and sample No. 4716 in the appended table represents this water.

Tarred iron pipes are used to carry the water from the pond, and their effect while new is shown in the high free ammonia figures, given by the early samples from this supply.

VINALHAVEN.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
*4243	Feb. 8, 1911	0	0	Veg.	0.6	5.3	3.6	0.166	0.218	0	0	1.50	2.1
4368	April 11, 1911	0.9	0	Slight Veg.	0.9	5.9	4.0	0.200	0.244	0	Trace	1.20	2.1
4716	July 18, 1911	0	0	Musty	6.3	5.9	3.3	0.070	0.292	0	0	1.28	1.45
5072	Oct. 16, 1911	1.1	Veg.	Musty	1.2	5.6	3.8	0.056	0.232	0	Trace	1.28	1.60
5164	Nov. 6, 1911	0	0	Slight & grassy	1.7	5.6	3.7	0.054	0.210	0	0	1.27	1.45

* New system and new tarred pipes.

WALDOBORO.

The water for this supply, until May, 1911, came from a system of springs, belonging to C. L. Randell. The springs were situated on a hillside in a field, with no sources of pollution above them, or within 1500 feet. The water was collected in an earth reservoir, and, at times, it became so turbid from the presence of suspended clay, that it was unfit to use for domestic purposes. This clay was undoubtedly brought into the reservoir in the form of surface wash.

The Water Company also maintained a connection with the Medomak River, which is badly polluted by the drainage of the village at Winslow's Mills. During October, 1910, this water was pumped into the reservoir and used as a drinking water. I am informed that no warning of this condition was given the users of the water. At that time B. Coli were present in 1.0 c. c. of the water.

In May, 1911, water was supplied to this system by four new "Artesian wells." Since that time the water has been in first-class condition, both chemically and physically.

The water from the former spring supply never showed evidence of pollution with sewage wastes. The entire objection to this water came from its physical appearance.

At the present time the water supply of this town is a first-class one; but the connection, existing between the reservoir and the Medomak River, should be broken. This latter water is not a safe drinking water unless it be either filtered before entering the pipes, or be boiled by the user. These emergency intakes, drawing their supply from polluted sources, have all too often caused disastrous typhoid outbreaks in this State, of which the Millinocket epidemic of 1904 is the last example. It cannot be too strongly urged that this connection be broken, before trouble results from use of the Medomak River water.

WALDOBORO.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3129	Feb. 9, 1910	1.2	0	Earthy &	0.8	6.7	3.9	.0010	.0098	.015	0	0.50	3.45
3358	May 3, 1910	3.5	Earthy	grassy	0.9	12.5	11.2	.0007	0.010	0.03	0	0.425	5.85
3396	May 18, 1910	0.7	0	Earthy	0.2	10.6	9.0	.0020	0.014	0.017	Trace	0.425	6.00
3397	May 18, 1910	0.9	0	Slight	0.6	10.6	3.95	.0014	0.0160	0.02	0	0.425	5.90
3617	July 27, 1910	0	0	Slight	0	4.4	3.3	.0005	.0031	Trace	0	0.50	2.60
				Slight &									
4150	Jan. 17, 1911	1.7	0	Veg.	2.5	8.6	5.7	.0044	.0192	0.15	0	0.45	3.05
4466	May 1, 1911	0	0	Slight	0	4.0	3.0	.0022	.0058	Trace	0	0.52	1.95
4904	Aug. 30, 1911	0	0	0	0	7.0	5.7	0	.0007	0	0	0.475	2.32

WARREN.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3033	Jan. 11, 1910	0	0	0	1.0	6.9	4.8	.0002	.0100	0.02	0	0.725	3.9
3298	April 18, 1910	0	0	Slight	1.1	3.6	2.45	.0009	.0092	0	0	0.45	1.65
3574	July 19, 1910	0	0	0	0.2	7.3	6.0	.0002	.0090	0	0	0.50	3.3
3887	Oct. 11, 1910	0	0	Grassy	0.3	8.7	7.2	0	.0054	0	Trace	0.525	2.87
4139	Jan. 8, 1911	0	0	0	0.2	8.8	7.5	.0004	.0058	0.03	Trace	0.50	3.20
4416	April 18, 1911	0	0	Mouldy	0.5	5.7	3.9	.0012	.0064	Trace	0	0.40	3.0
4680	July 11, 1911	0	0	Slight	1.1	7.6	6.5	.0024	.0058	0	0	0.48	3.55
*4682	July 11, 1911	0.5	0	Veg.	3.0	6.5	5.2	.0002	.0112	0	0	0.49	2.70
5057	Oct. 16, 1911	0	0	0	0.2	8.5	7.2	.0007	.0065	0	0	0.47	4.10

* "Dead end."

WATERVILLE.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3014	Jan. 4, 1910	0	0	Grassy Veg. & grassy	0.2	4.8	2.5	.0018	.0102	0	0	0.25	3.3
3269	April 12, 1910	0	0	Grassy	0.5	3.6	1.9	.0018	.0128	0	0	0.25	1.8
3502	July 5, 1910	0	0	Grassy	0.6	3.5	2.0	.0028	.0140	0	0	0.28	1.9
3823	Sept. 27, 1910	0	0	Grassy	0.6	3.9	2.8	.0006	.0108	0	0	0.20	2.8
4114	Jan. 4, 1911	0	0	Grassy	0.2	3.9	3.0	.0028	.0114	0	0	0.30	2.2
4334	April 3, 1911	0	0	0	0.1	3.8	2.6	.0018	.0136	0	Trace	0.20	2.3
4658	July 5, 1911	0	0	Grassy	0.8	3.5	2.1	.0034	.0120	0	0	0.20	2.0
5000	Oct. 4, 1911	0	0	0	0.5	3.7	2.2	.0007	.0161	0	0	0.22	2.3

WEST SULLIVAN.

The water supply of this village comes from Long Pond, and the water system has been in operation since 1905. This pond is free from all possibility of pollution by sewage wastes; but it is reported to have an algae odor and taste at times. Nothing of this kind has been noted in any of the samples that have been sent to us. It is reported that the water is only turned into this system during the summer season.

Sorrento, a summer resort situated on a peninsula at the southwest end of the town of Sullivan, has a supply of water from Long Pond; the intake being located at the opposite end of the pond from that supplying Sullivan.

WEST SULLIVAN PUBLIC SUPPLY—LONG POND.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3369	May 6, 1910	0	0	Veg.	1.6	1.8	1.3	.0024	.0092	0	0	0.45	2.0
3767	Aug. 30, 1910	0	0	Veg.	0	1.8	0.8	.0006	.0071	0	0	0.45	1.49
3997	Nov. 3, 1910	0	0	Slight Veg.	1.0	2.1	1.4	.0024	.0106	0	0	0.35	1.04
4931	Sept. 7, 1911	0	0	Veg.	2.2	3.2	1.7	.0017	.0077	0	0	0.42	1.3

WEST SUMNER.

Since the last report of this office we have been able to obtain samples from the second of the two supplies of this village, namely the Chandler Spring. The only information that could be obtained in regard to this supply is that it flows from out a gravel hillside, and is above all houses or other sources of possible pollution; both of which statements are confirmed by the analyses. This water is conveyed from the spring in lead pipes, and the water has acted to a slight extent on the lead, as is shown by the analyses. It has been advised that both this system and the Ryerson system substitute iron pipes for the present ones of lead, which are being acted on to a slight extent by the several waters.

WEST SUMNER—CHANDLER SPRING.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.	Lead.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
4908	Aug. 30, 1911	0	0	0	0	3.5	3.0	0	.0029	Trace	0	0.10	2.32	.05
5210	Nov. 22, 1911	0	0	0	0.3	3.6	2.7	.0002	.0002	0.01	0	0.09	1.75	.06

WEST SUMNER PUBLIC SUPPLY—RYERSON'S SPRING.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.	Lead.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.			
3296	April 18, 1910	0.2	Earthy	Slight	0.2	4.3	3.35	.0002	.0044	01	0	0.05	2.7	0.07
3687	Aug. 9, 1910	0	0	0	0	6.9	5.8	0	.0023	0.02	0	0.10	5.50	0.18
4907	Aug. 30, 1910	0	0	0	0	5.75	4.8	.0012	.0020	0.04	0	0.10	3.37	0.07
5211	Nov. 22, 1910	0	0	0	0.3	6.5	5.6	.0016	.0020	0.03	0	0.10	4.40	0.05

WILTON.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS			Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	
3017	Jan. 3, 1910	0	0	Veg.	0 23	7	2 6	0030	0094	0	0	0 17	2 1
3271	April 11, 1910	0	0	Veg.	0 23	0	1 5	0002	0084	0	0	0 10	1 65
3544	July 13, 1910	0	0	Veg.	0 33	1	2 2	0007	0079	0	0	0 30	2 10
3834	Sept. 27, 1910	0	0	Veg.	0 53	1	1 8	0008	0080	0	0	0 09	2 30
4109	Jan. 3, 1911	0	0	Grassy	0 54	05	2 6	0034	0086	Trace	Trace	0 15	2 50
4346	April 5, 1911	0	0	Slight	0 4	0	2 9	0018	0074	0	0	0 12	2 1
4645	July 4, 1911	0	0	Slight	0 23	7	2 7	0034	0060	0	0	0 15	2 6
4993	Oct. 2, 1911	0	0	Slight	0 2	3 3	2 0	0018	0092	0	0	0 14	2 0

WINTER HARBOR.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS			Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	
3038	Jan. 10, 1910	0	0	Veg.	6 0	5 1	2 2	0050	0300	Trace	0	0 825	3 0
3282	April 14, 1910	0	0	Veg.	3 2	4 1	2 4	0022	0210	Trace	0	0 82	1 5
3535	July 11, 1910	0	0	Veg.	4 8	4 1	2 2	0032	0190	0	0	0 875	1 37
3889	Oct. 11, 1910	0	0	Veg.	3 8	3 7	1 9	0036	0190	0	0	0 825	1 49
4143	Jan. 10, 1911	0	0	Veg.	3 7	4 3	2 4	0080	0156	Trace	0	0 88	1 40
4377	April 11, 1911	0	0	Grassy	2 8	4 2	2 2	0018	0208	0 01	0	0 85	1 50
4683	July 9, 1911	0	0	Veg.	2 5	4 0	2 5	0062	0070	0	0	0 87	1 30
5109	Oct. 23, 1911	0 4	0	Veg.	4 2	4 9	2 6	0018	0197	0	0	0 92	1 45

WINTERPORT.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS			Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	
3048	Jan. 16, 1910	0	0	Slight	0	9 2	7 8	0009	0037	0 03	0 0003	0 35	7 5
3310	April 18, 1910	0	0	Veg.	0 4	6 6	5 7	0012	0050	0 025	Trace	0 40	4 5
3548	July 12, 1910	0	0	Veg.	0 9	7 3	6 7	0026	0100	0 025	0	0 425	6 10
3896	Oct. 10, 1910	0 4	0	Veg.	0 9	9 1	8 1	0022	0054	0 25	0 0004	0 375	7 55
4138	Jan. 10, 1911	3 0	Earthy	Mouldy	1 3	7 3	5 8	0036	0094	0 04	0	0 40	4 20
4359	April 10, 1911	0	0	Slight	0	9 9	9 0	0005	0031	0 015	0	0 25	7 40
4696	July 10, 1911	0	0	Grassy	1 5	8 8	6 8	0040	0080	0 01	0	0 37	5 70
5031	Oct. 10, 1911	0 3	0	Veg.	0 9	7 0	6 4	0012	0080	0 25	0	0 36	5 15

Rains at January, 1911 analysis.

WINTHROP.

This town has no single and general public supply. We have had samples, during the past two years, from four water systems in this town. These are the Carleton System; the C. H. Gale Water System; the Jones System and the May springs. Of these the Gale System is the largest.

The Gale water system consists of a group of wells and springs, which are located on a hillside above the village. The wells are about 100 feet above the village. The springs are located in a swampy depression in the hillside. The water from both of these sources is led into a reservoir, from which it flows by gravity to the town. Galvanized iron pipes are used throughout this system, and they have been badly rusted by the water. The first water drawn after filling the reservoir in the morning is usually very turbid, but this quickly subsides.

The wells are from 65 to 120 feet deep and are pumped by windmills. There is no chance for the water in these wells to become polluted by sewage wastes.

The swampy location of the springs might lead to suspicion of the water from them, and there is no question that some surface water is always present in the system. It seems as though there was no danger to be feared from this surface water, as there is but one house on the hillside above the spring, and this is so located that there will probably be no danger from it. In spite of this the owners of this water system should acquire this property, so as to absolutely remove even this slight possibility of danger from it.

This system is reported to supply about half of the village, and the combination of springs and wells gives enough water for all of the present users, although neither part of the system, separately, can meet the demand.

The water from this system, save when collected immediately after pumping, has always been in first-class condition.

The water of the Jones system issues from a boulder-clay hillside. It is away from and above all sources of pollution. The water is conveyed to the village in galvanized iron pipes. There are reported to be about 40 users of this water, which has always been of good quality.

Both the May and the Carleton systems are derived from springs. The water from both of these systems has showed evidence of contact with surface wash; the May system the least of the two. Aside from the entrance of this surface wash, which has never shown evidence of contact with sewage wastes, the water from the May spring has been of good quality.

The water from the Carleton system has been the least satisfactory of these four supplies. There is chemical evidence pointing to contact of this water with sewage wastes in the past, but the amount of this has been small, and the water has received a good degree of subsequent filtration, during its passage through the soil. The greatest objection to this water is on account of the surface wash that enters it, and which, at times, renders it very turbid. If this surface wash could be excluded there would be no cause for complaint of the water at the present time; but, as things now are, there is the possibility of this surface wash bringing into the spring some sewage wastes. This is the real danger to which this spring is exposed.

The fire hydrants are supplied with water from a source different from any of the above, and from a source that does not furnish a public drinking supply.

WINTHROP PUBLIC SUPPLY—CARLETON SYSTEM.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness	
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.			Nitrites.
3234	April 4, 1910	0	0	Slight.	0.1	10.55	8.45	.0003	.0021	0.087	0	0.70	6.0
3698	Aug. 13, 1910	0.6	0	Slight	0.3	13.4	11.2	.0002	.0050	0.07	0	0.80	7.34
4007	Nov. 8, 1910	0	0	Slight	0	12.1	9.8	.0002	.0030	0.125	0	0.68	7.45
4118	Jan. 5, 1911	0.6	0	Slight	0.2	11.9	10.1	.0036	.0052	0.10	0	0.67	7.00
4335	April 3, 1911	1.1	0	Slight	0.6	8.7	6.9	.0002	.0086	0.055	0	0.55	3.40
4833	Aug. 7, 1911	0.8	0	0	0.8	12.8	10.9	.0064	.0034	0.09	0	0.63	7.86
5147	Nov. 6, 1911	0	0	0	0	13.9	11.6	.0012	.0026	0.125	Trace	0.90	5.85

WINTHROP PUBLIC SUPPLY—C. H. GALE WATER SYSTEM.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3232	April 4, 1910	0	0	0	0 1	3 45	2 40	0012	0060	Trace	0	0 375	2 2
3660	Aug. 5, 1910	0	0	Veg.	0 9	7 0	5 2	0034	0168	.035	0	0 40	3 1
3661	Aug. 5, 1910	0	0	Veg.	0 9	7 4	5 4	0018	0156	.035	0	0 40	3 2
			Earthy										
3979	Oct. 31, 1910	4 6	& iron	Veg.	1 6	22 1	18 0	0056	1268	Trace	0	0 275	2 20
4008	Nov. 8, 1910	0	0	Slight	0 1	4 0	2 5	0015	0121	Trace	0	0 24	2 45
4120	Jan. 4, 1911	0	0	Veg.	2 5	6 5	4 7	0018	0136	0 05	0	0 50	3 0
4337	April 3, 1911	0	0	0	0 1	3 7	2 1	0012	0074	0 02	0	0 27	2 1
4831	Aug. 7, 1911	0	0	0	0 7	3 7	2 8	0	0104	0	0	0 26	2 58
5146	Nov. 6, 1911	0	0	Slight	0 4	3 9	2 6	0018	0176	0	0	0 27	2 35

WINTHROP PUBLIC SUPPLY—JONES WATER SYSTEM.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3236	April 4, 1910	0	0	0	0	6 0	4 5	0	0060	0 015	0	0 225	3 3
3697	April 13, 1910	0	0	0	0 5	6 5	5 4	0008	0046	.01	0	0 25	3 79
4006	Nov. 8, 1910	0	0	0	0	6 1	4 8	0002	0040	0 01	0	0 07	4 32
4121	Jan. 5, 1911	0	0	0	0 5	6 1	4 5	0018	0104	0 02	0	0 22	3 90
4338	April 3, 1911	0 8	0	Slight	0 3	5 4	4 1	0002	0084	0 02	0	0 15	3 30
4834	Aug. 7, 1911	0	0	0	0	6 5	5 1	0012	0018	Trace	0	0 17	2 70
5148	Nov. 6, 1911	0	0	0	0 3	10 4	9 1	0018	0054	0 02	Trace	0 10	5 10

WINTHROP PUBLIC SUPPLY—MAY SPRINGS.

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS		Chlorine.	Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.		
3233	April 4, 1910	0 6	Fe	0	0 4	2 3	1 4	0002	0026	0 15	0	0 35	1 2
3696	Aug. 13, 1910	0 2	0	Slight	0	3 7	2 4	0007	0053	0 15	0	0 35	2 14
4009	Nov. 8, 1910	0 3	Fe	0	0 4	4 3	3 1	0002	0036	0 15	0	0 275	1 93
4118	Jan. 4, 1911	0	0	0	0	3 9	2 7	0032	0056	.03	Trace	0 32	2 60
4336	April 3, 1911	0	0	Slight	0	2 6	2 3	0012	0018	.015	0	0 24	2 20
4832	Aug. 7, 1911	0	0	0	0	4 8	4 0	0	0036	Trace	Trace	0 20	3 35
5149	Nov. 6, 1911	3 0	Fe rust	0	0 3	7 0	5 5	0002	0034	0 02	0	0 20	1 45

WOODLAND.

The water supply for this town is taken from the St. Croix River, above the dam of the St. Croix Paper Company. The watershed, above the intake is free from possibilities of sewage pollution, as there are no houses until the headwater lakes are reached at Vanceboro. The banks of the river are mostly low, and the country drained by it is heavily wooded. As a result the water is very highly colored. The water, up to the present time, has been free from evidences of contact with sewage wastes. Apparently the greatest present danger to this supply is from the men working on the booms, during the summer and fall. It would be much safer if the intake were extended far enough up the river to take it beyond these booms, as, on the latter, men are at work all the time.

Other than being highly colored the water has caused no complaint up to this time.

WOODLAND (WASHINGTON COUNTY.)

Number.	DATE OF COLLECTION.	APPEARANCE.				RESIDUE ON EVAPORATION		AMMONIA.		NITROGEN AS			Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	
3092	Jan. 25, 1910	0	0	Veg.	4.8	3.8	1.9	.0020	.0160	0	0	0.175	1.95.
3238	April 4, 1910	0	0	Veg.	3.2	3.25	1.2	.0022	.0144	0	0	0.30	1.1
3613	July 26, 1910	0	0	Veg.	4.2	3.4	1.3	.0032	.0204	Trace	0	0.175	1.4
3865	Oct. 8, 1910	0	0	Slight	3.2	3.6	1.8	.0026	.0186	0	0	0.15	1.49
4133	Jan. 9, 1911	0	0	Veg.	6.2	4.7	2.2	.0056	.0214	0	0	0.22	1.8
4399	April 17, 1911	0	0	Veg.	2.4	3.2	1.8	.0034	.0150	0	0	0.10	1.45.
4639	June 30, 1911	0	0	Veg.	7.3	4.4	2.3	.0070	.0120	0	0	0.10	1.45
4789	July 29, 1911	0	0	Veg.	3.0	3.3	2.3	.002	.0076	Trace	0	0.12	1.59
5016	Oct. 9, 1911	0	0	Veg.	5.2	3.8	1.6	.0022	.0192	0	0	0.17	1.60.

YARMOUTH.

Number.	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS			Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	
3053	Jan. 18, 1910	0	0	0	0	5.9	4.1	.0004	.0034	0.12	0	0.40	4.2
3302	April 19(?) 1910	0	0	0	0	3.9	3.0	0	.0020	0.11	0	0.375	3.3
3571	July 19(?) 1910	0	0	0	0.4	9.9	6.7	.0026	.0102	0.27	.0003	0.875	3.67
3894	Oct. 12(?) 1910	0	0	Slight	0.2	6.0	4.6	.0007	.0027	0.10	.0003	0.375	3.30
4167	Jan. 17, 1911	0	0	Slight	0	7.9	6.0	.0008	.0054	0.15	0	0.54	3.60
4419	April 19, 1911	0	0	Grassy	0	6.1	4.5	.0002	.0068	0.087	.0002	0.35	3.30
4735	July 19, 1911	0.2	0	Grassy	0.6	6.6	5.1	.0012	.0056	0.08	0	0.35	3.0
5021	Oct. 10, 1911	0	0	0	0	6.0	4.6	.0002	.0056	0.125	Trace	0.36	3.3

YORK.

Number	DATE OF COLLECTION.	APPEARANCE.			RESIDUE ON EVAPORATION.			AMMONIA.		NITROGEN AS			Hardness.
		Turbidity.	Sediment.	Odor.	Color.	Total.	Fixed.	Free.	Albuminoid.	Nitrates.	Nitrites.	Chlorine.	
3131	Jan. 31, 1910	0	0	Veg.	2.1	2.7	0.9	.0074	.0128	0	0	0.675	2.8
3363	May 2, 1910	0	0	Veg.	2.1	2.95	1.3	.0024	.0094	0	0	0.575	0.9
3547	July 10, 1910	0	0	Veg. & muddy	1.2	3.3	2.0	.0022	.0132	0	0	0.65	1.07
3990	Oct. 29, 1910	0	0	Veg.	0.9	3.6	2.1	.0028	.0098	0	0	0.60	1.04
4223	Jan. 23, 1911	0	0	Slight	0.6	3.1	2.1	.0020	.0086	0	0	0.60	1.26
4457	April 24, 1911	0	0	Grassy	1.0	3.3	1.8	.0016	.0126	0	0	0.54	1.30
4818	Aug. 2, 1911	0	0	Veg.	1.0	3.2	2.2	.0026	.0090	Trace	0	0.55	1.31
5102	Oct. 24, 1911	0	0	Veg.	2.0	4.8	3.0	.0007	.0093	0	0	0.63	1.45

MISCELLANEOUS CHEMICAL WORK.

The routine work of the laboratory has prohibited much of this kind of work. Some little has been done for physicians where it seemed essential. Thirteen samples (13) of water have been examined for lead only; two (2) specimens of paper linings of tea chests have been examined for lead; One (1) sample from a spring at Parlin Pond was examined for its chlorine, nitrate, nitrite and free ammonia content, to see if it had changed during the past year; one (1) sample of Bordeaux Lead spraying mixture was examined for the Department of Agriculture for its arsenate content; two (2) samples of sausage were examined for cereal filler, and three specimens of

stomach contents were examined for the presence of free hydrochloric and lactic acid. This makes but a total of twenty two (22) miscellaneous samples.

Thus the chemical examinations for the past two years have consisted of 2263 water analyses; 1639 milk analyses; 34 butter analyses; and 22 miscellaneous analyses, as described above, giving a total number of chemical analyses, during the past two years, of 3958 as against a total of 2998 during the forty months covered by the last report of this office.

BACTERIOLOGICAL WORK.

The work done along these bacteriological lines is fully covered by the tabulations. There is nothing to be said in regard to this line of work, save to mention the very great increase in this work along all lines. As in past years bacteriological work has been confined to the examination of throat swabbings for the diphtheria bacillus; of sputum for the tubercle bacillus; of blood for the Widal reaction; of pus for the gonococcus, and of a single sample of blood for malaria.

During the past two years there have been examined 3633 throat swabbings for diphtheria; 3918 specimens of sputum for tuberculosis; 826 specimens of blood for the Widal reaction; 49 specimens of pus for the gonococcus, and one specimen of blood for malaria, making a total of 8427 bacteriological examinations against 8420 during the forty months, covered by our last report. This is exclusive of 6,789 bacteriological examinations in connection with water analysis of routine nature.

The increase in the bacterial work is well shown in the following table, which gives the work in two year periods since the laboratory was established.

SPECIMEN.	Period 1902-3.	Period 1904-5.	Increase %.	Period 1906-7.	Increase %.	Period 1908-9.	Increase %.	Period 1910-11.	Increase %.
Diphtheria	634	981	53%	1,658	68%	2,520	52%	3,633	44%
Tuberculosis	427	1,195	179%	2,029	69%	3,120	53%	3,918	25%
Typhoid	187	390	108%	482	24%	696	44%	826	18%
Gonococcus				15		20	33%	49	145%

The following table gives in condensed form the amount of work of all kinds done at the laboratory during the past two years. For purpose of showing the saving to the State by having this work done at a laboratory of its own, instead of at a commercial laboratory, the table is carried out at the regular commercial price for bacteriological work, and at the average figures for the chemical work in a commercial laboratory.

3633 examinations of diphtheria cultures @	\$2.00	\$7,266
3918 " " tubercular sputum @	\$2.00	7,836
826 " " blood for typhoid @	\$2.00	1,652
49 " " pus for gonococci @	\$2.00	98
1 examination of blood for malaria @	\$2.00	2
2263 sanitary water analyses @	\$10.00	22,630
1639 samples of milk @	\$5.00	8,195
34 " " butter @	\$5.00	170
13 " " water for lead @	\$5.00	65
1 sample of Bordeaux lead @	\$5.00	5
2 samples of sausage @	\$2.50	5
3 stomach contents for acidity @	\$5.00	15
1 partial water analysis @	\$3.00	3
<hr/>		
12385	Total	\$47,942
Appropriation for laboratory and \$2,000 from Department of Agriculture for dairy work		<hr/>
		\$11,000
	Saving over commercial cost of this work	<hr/>
		\$36,942

Thus, during the past two years, the laboratory has made examination of 12,385 specimens for sanitary purposes, at a saving to the public over commercial rates of \$36,942; a saving alone of an amount that would provide the present appropriation for almost seven (7) years.

CONCLUSION.

In conclusion I wish to call to the attention of the Board, and of the public in so far as they can be reached by this report, three facts;—(I) There are sanitary lines of work which should be investigated by the laboratory, and, along existing lines, more can well be done: (II) The present appropriation

of the laboratory does not permit of these investigations and extensions: (III) The present appropriation for the laboratory, and the present force employed exclusively by the laboratory are insufficient to take care of the work that comes to us at this time, and to renew old equipment which is now fast wearing out.

Where ever we go in the Eastern and east Central States we hear complaint from the health officers of the cities, on account of the sudden increase in typhoid fever from the middle of July to the middle of September. This has been called "vacation typhoid" owing to the fact that there is no sudden rise in the typhoid rate of those people who remain at home during this period; but because it appears especially among those who have just returned from their two weeks vacation in the country. The three northern New England States were an especial cause of complaint, and it is well known that they are great vacation States. New Hampshire and Vermont have, in late years, paid considerable attention to the sanitary conditions about their summer resorts, especially to the water supply, and methods of sewage disposal; but Maine has done nothing. The laboratory is often in receipt of requests for information as to the water supply of some hotel or boarding house from prospective guests, but we can give no information. Examination of the water supply of all houses, which have a capacity for 25 or more guests, should be made at frequent intervals, and inspection of the sanitary conditions about these places should be often made.

The laboratory is also at a disadvantage in interpreting figures of results of a water analysis, owing to the absence of a normal chlorine map of the State. This could be made in about three years, and would be of the greatest value to the laboratory in its water work. The idea that we can put together a chlorine map from the figures obtained in the analysis of routine samples from the various localities of the State, where there is no knowledge of the surroundings of the source of the water, is too foolish to merit discussion. From some rough tests, made by the Director in the wilderness in the northwestern part of the State, it seems likely that the influence of the Gulf of St. Lawrence is felt along the northwestern boundary, and that the lines of equal chlorine in that section will not run east and west,

as they will approximately do in the southern and eastern section, but will rather parallel the northwestern boundary.

The public water supplies of the State present another problem which the laboratory should know more about. At the present time we can only obtain samples from these supplies through the aid of the owners of the supplies, or through the assistance of the health officers of the towns. From many of the supplies we cannot obtain samples regularly, and from some not at all. Either there should be a law requiring the water from all public supplies to be examined at the laboratory as often as the State Board of Health should deem necessary, or else the laboratory should be provided with an inspector, who can collect these samples for the laboratory, independent of either the water companies or the local health officers. The latter solution of the problem would be preferable, as it would permit of the laboratory learning of any change in the physical plant, or in the source of supply, and would permit of our obtaining some knowledge of the sanitary conditions about the source of supply. All of these things the laboratory learns now in but fragmentary form.

Various preparations are all the time being put on the market, which purport to be of great value. This is especially true of disinfectants, in both solid and liquid form. Many of the claims of the manufacturers of these articles are but words, and we have many requests for information as to the worth of these various preparations, but can give none as the routine work of the office allows no time for such investigations.

The amount of routine work, now coming to the laboratory, is such that two men cannot attend to it all. Two men is the force employed by the laboratory at this time, and are all that the present appropriation will permit of. If it were not for the Agricultural Department paying the salary of an assistant chemist, and permitting the laboratory to use his unoccupied time for its own use, we should have been unable to handle the work that has come to us during the past two years. As the work of this Department increases, as it will, the laboratory will have less and less assistance from the present arrangement, and must either cut down the work it is doing, or have the means to employ the needed assistance. For the next two years it is probable that extra help would be needed only during the

summer months, and not throughout the entire year. During the past two years it has been necessary to employ extra help for the first two weeks of August, and this has been done at the expense of omitting needed new equipment.

When the laboratory was established it was well equipped for both chemical and bacteriological work, along the lines marked out; and provision had been made for quite an extension of that work. As a result, until four years ago, the equipment of the laboratory was such that no fault could be found with it. Since that time the very great yearly increase in our work has resulted in very great use of all of this equipment, and consequent wear upon it. At the same time the increased amount of work left us with no money to renew this equipment, which was rapidly becoming both inadequate and in poor condition. At the present time we are doing much work with equipment that was designed to handle from a third to a half of what we are at present demanding of it, with the inevitable result that the unit cost of this work is very excessive. Not only must the laboratory have the means to purchase new equipment to replace that wearing out, but it would be a matter of economy in operation to replace much of the present equipment, which has still a few years life, with larger units, whose operation per unit of time would be no more expensive than the present small pieces, but which would perform many times the work of the present pieces in any given time.

The Director regards it as essential, unless the State is willing to cut down the work that the laboratory is to do, that an increase in appropriation of at least \$1,000 be obtained from the next legislature. Unless it is desired to extend the work of the laboratory beyond the present lines this will probably be sufficient. It may be noted that this amount just about represents the difference in the cost of operation of the laboratory in its present rented quarters, where rent, heat, light, gas and water rates have to be paid from the appropriation of the laboratory, and the cost of operation if the laboratory were located in the State House, where none of these items would have to be met from the laboratory appropriation. An increase in our appropriation of \$1,000 would just about offset the financial disadvantage under which the laboratory labors in being located as it now is.

To do the work which it is now doing an increase of the above amount is imperative. To meet the work in the field which the laboratory should take up, there would have to be added the salary of an inspector and his travelling expenses. If there is passed a law putting into the hands of the State Board of health the sanitary control of the water and sewage supplies of the State, this inspector would be unnecessary, as the inspectors of that Board could be used to obtain our samples.

That an increase of the above amount in our appropriation is not unreasonable is, I think, shown by inspection of the table, given on a previous page, which shows that the laboratory is making a saving of \$36,942 to the public on an appropriation of \$11,000 for two years, \$2,000 of which appropriation is paid by the Department of Agriculture for dairy work. In other words the expenditure of \$11,942 is doing for the State what \$47,942 would have been required to pay for if done at commercial laboratories.

WATER ANALYSIS.

ANALYSES OF SAMPLES OF WATER—EXPRESSED IN PARTS PER 100,000.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3013	Farmington.....	Well.....	4.95	2.30	0.2	0.20	0.725	0	0.225	.0007	.0061
3014	Bridgton.....	Spring.....	3.00	1.00	0.2	0.18	0.175	Trace	0.02	.0044	.0076
3015	Hallowell.....	Public supply.....	3.15	0.90	2.7	0.63	0.45	0	0.02	.0032	.0134
3016	Gardiner.....	Public supply.....	1.85	1.10	1.8	0.40	0.35	0	0	.0042	.0162
3017	Wilton.....	Public supply.....	2.15	1.40	0.2	0.12	0.175	0	0	.0030	.0094
3018	Madison.....	Public supply.....	2.55	0.80	2.6	0.51	0.10	0	0	.0003	.0093
3019	Waterville.....	Public supply.....	3.30	1.50	0.2	0.20	0.25	0	0	.0018	.0102
3020	Pittsfield.....	Public supply.....	3.90	1.70	6.0	1.01	0.20	0	0	.0052	.0170
3021	Augusta.....	Public supply.....	2.50	1.40	0.9	0.30	0.20	0	0	.0008	.0158
3022	Oakland.....	Public supply.....	2.20	1.20	1.2	0.34	0.225	0	0	.0014	.0130
3023	Richmond.....	Public supply.....	2.40	1.20	3.2	1.02	0.30	0	0	.0012	.0142
3024	Skowhegan.....	Public supply.....	2.55	1.50	1.7	0.22	0.375	Trace	0.075	.0014	.0082
3025	Rumford.....	Spring.....	4.50	2.10	0	0.20	0.15	0	0	0	.0042
3026	Convene.....	Spring.....	2.20	1.10	0	0.12	0.125	0	0	.0002	.0056
3027	Brooks.....	Public supply.....	3.45	2.00	0	0.08	0.30	Trace	0.045	.0002	.0044
3028	Millinocket.....	Public supply.....	2.20	1.00	4.4	0.83	0.07	0	0	.0034	.0236
3029	Norridgewock.....	Public supply.....	3.00	1.20	0.9	0.19	0.55	0	0.06	.0012	.0064
3030	Old Town.....	Public supply.....	2.80	0.70	4.4	1.41	0.175	0	0	.0036	.0238
3031	Rockland.....	Public supply.....	2.10	0.60	0.8	0.15	0.50	0	0	.0002	.0078
3032	Orono.....	Public supply.....	3.00	0.70	5.4	1.06	0.275	0	0	.0034	.0244
3033	Warren.....	Public supply.....	3.90	1.70	1.0	0.27	0.725	0	0.02	.0002	.0100
3034	Bangor.....	Public supply.....	2.25	1.10	2.20	1.10	0.15	0	Trace	.0050	.0234
3035	Bar Harbor.....	Public supply.....	2.40	1.20	0.8	0.17	0.775	0	0	.0004	.0114
3036	Kingfield.....	Public supply.....	2.20	0.60	0.8	0.27	0.15	Trace	0	.0038	.0054
3037	Bucksport.....	Public supply.....	3.00	0.90	6.8	1.16	0.425	0	Trace	.0036	.0282
3038	Winter Harbor.....	Public supply.....	3.00	0.60	6.0	1.05	0.825	0	Trace	.0050	.0300
3039	Skowhegan.....	Well.....	6.10	4.00	0	0.11	0.225	0.001	0.065	.0028	.0038
3040	Searsport.....	Public supply.....	2.10	1.20	0.8	0.24	0.24	0	0	.0024	.0160
3041	Brewer.....	Public supply.....	3.10	1.30	4.9	1.55	0.15	0	0	.0020	.0234

3042	Newport	Public supply	3.90	2.40	2.7	0.80	0.225	0	0	.0024	.0178
3043	Castine	Public supply	5.40	3.20	0.3	0.07	0.55	0	0.10	0	.0030
3044	Togus	Ice	1.50	1.20	0	0.31	0.175	0	0	.0160	.0348
3045	Sea Harbor	Public supply	1.95	1.30	0.8	0.19	0.65	0	0	.0008	.0052
3046	Togus	Ice pond	3.40	0.80	6.2	1.15	0.475	0	Trace	.0096	.0448
3047	Damariscotta	Public supply	1.65	1.00	1.0	0.54	0.45	0	0	.0034	.0144
3048	Winterport	Public supply	7.50	4.00	0	0.13	0.35	0.0003	0.03	.0009	.0037
3049	Ellsworth	Public supply	1.50	1.00	2.3	0.39	0.275	0	0	.0030	.0122
3050	Waldoboro	Well	5.10	3.00	0	0.10	0.60	0	.035	.0003	.0071
3051	Skowhegan	River	3.00	0.60	1.8	0.90	0.10	0	.015	.0008	.0142
3052	Lewiston	Public supply	2.70	0.80	0.2	0.14	0.25	0	0	.0002	.0112
3053	Yarmouthville	Public supply	4.20	2.20	0	0.02	0.40	0	0.12	.0004	.0034
3054	Yarmouthville	Public supply	4.10	1.95	0	0	0.375	0	0.125	0	.0028
3055	Dover	Public supply	3.30	1.50	4.2	0.63	0.15	0	0	.0022	.0134
3056	Yarmouthville	Spring	2.20	0.80	0	0.03	0.35	0.0002	0.20	.0016	.0012
3057	Kingfield	Spring	3.00	1.30	0	0.05	0.125	0	0.03	0	.0026
3058	Blaine	Spring	16.0	12.5	0.2	0.02	0.80	.0002	0.20	0	.0028
3059	Kingfield	Well	6.00	2.10	0.4	0.18	2.625	Trace	0.20	.0018	.0050
3060	Brunswick	Public supply	3.00	2.00	0.2	0.02	0.475	0	0.02	0	.0008
3061	Rumford Falls	Public supply	5.80	2.90	2.7	0.31	0.40	0	.045	.0002	.0054
3062	Bethel	Public supply	1.65	0.70	0.6	0.20	0.10	0	0	0	.0026
3063	Mechanic Falls	Public supply	3.00	1.30	1.0	0.43	0.325	0	Trace	.0002	.0102
3064	Livermore Falls	Public supply	2.20	1.50	0.8	0.16	0.20	0	0	.0010	.0142
3065	Auburn	Public supply	2.10	1.40	0.2	0.13	0.25	0	0	.0005	.0093
3066	Northeast Harbor	Public supply	2.10	0.80	3.2	0.65	0.75	0	0	.0027	.0133
3067	Union	Public supply	3.30	1.60	0.1	0.10	0.60	0	0	.0002	.0064
3068	Boothbay Harbor	Public supply	3.00	1.10	2.2	0.45	0.80	0	0	.0003	.0251
3069	Danforth	Public supply	14.50	7.30	0.9	0.20	0.625	0	0.25	.0002	.0074
3070	Belgrade	Well	2.40	1.30	4.8	0.27	0.20	Trace	0	.0264	.0222
3071	South Portland	Well	3.55	1.40	1.0	0.45	1.30	.001	0.60	.0056	.0170
3072	South Portland	Well	4.80	1.50	0.2	0.30	8.20	.0006	0.35	.0108	.0112
3073	South Portland	Well	2.70	0.30	0	0.21	0.575	0	0.055	.0014	.0018
3074	Norway	Public supply	3.00	1.20	0.8	0.28	0.275	0	0	.0042	.0164
3075	Sanford	Public supply	3.40	1.00	0	0.03	0.275	0	Trace	.0005	.0017
3076	Patten	Public supply	6.70	3.50	0	0.04	0.325	0	0.10	.0006	.0054
3077	Farmington	Public supply	2.80	1.30	0.2	0.13	0.125	0	0	0	.0078
3078	Kennebunkport	Spring	3.00	0.60	0.1	0.04	0.825	0	0.125	.0026	.0100
3079	Livermore Falls	Well	2.85	0.50	0.1	0.10	0.125	0	0	.0005	.0037
3080	Strong	Public supply	3.00	1.10	4.5	0.725	0.10	0	0	.0026	.0158
3081	Lubec	Public supply	8.20	4.30	0	0.02	1.35	Trace	0.15	0	.0016
3082	Biddeford	Public supply	2.60	0.50	0.1	0.12	0.35	0	0	.0018	.0076
3083	Bridgton	Public supply	2.00	0.60	0.9	0.33	0.25	0	0	.0028	.0118
3084	Springvale	Public supply	3.45	0.80	0	0.04	0.325	0	0	.0240	.0062

ANALYSES OF SAMPLES OF WATER—Continued.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3085	Fryeburg	Public supply	2.00	0.90	0.2	0.11	0.20	0	0.10	.0002	.0056
3086	Turner	Well	4.00	2.00	0	0.02	0.20	Trace	0.03	.0016	.0024
3087	Dixfield	Public supply	1.90	0.30	6.8	1.26	0.275	0	0	.0056	.0222
3088	Phillips	Public supply	2.20	0.60	3.4	0.53	0.125	0	0	.0022	.0134
3089	Presque Isle	Public supply	11.00	6.50	1.2	0.27	0.425	0	0	.0018	.0074
3090	Caribou	Public supply	6.00	2.20	2.6	0.55	0.225	0	0.015	.0018	.0108
3091	Machias	Public supply	1.50	0.20	6.4	0.91	0.325	0	0	.0008	.0116
3092	Woodland	Public supply	1.95	0.90	4.8	0.78	0.175	0	0	.0020	.0160
3093	Calais	Public supply	2.20	0.70	2.0	0.36	0.30	0	0	.0002	.0068
3094	North Hermon	Well	4.50	1.90	0.9	0.02	0.275	.0005	0.175	.0008	.0042
3095	Friendship	Public supply	3.60	0.70	0.5	0.02	0.275	Trace	0.30	.0038	.0036
3096	East Millinocket	Public supply	10.00	8.00	0	0.01	0.20	0	.015	.0002	.0020
3097	Buckfield	Public supply	2.00	1.60	0.1	0.14	0.175	0	0	.0002	.0128
3098	Fort Fairfield	Public supply	12.70	10.00	0.1	0.16	0.225	Trace	0.075	.0002	.0042
3099	Bradley	Spring	3.20	2.20	0	0.10	0.175	0	0.04	.0008	.0036
3100	Old Town	Well	34.00	24.10	0.1	0.18	0.775	.0007	0.90	.0020	.0094
3101	North Jay	Spring	2.50	0.90	0.8	0.27	0.20	0	0	.0016	.0070
3102	Houlton	Public supply	5.40	2.30	3.4	0.58	0.25	0	0	.0016	.0100
3103	Berwick	Public supply	4.20	1.00	0.8	0.15	0.625	0	0.03	.0022	.0058
3104	Sangerville	Public supply	2.85	2.00	0	0.07	0.20	0	0.02	0	.0032
3105	Denmark	Spring	2.70	1.20	0.1	0.06	0.225	0	0	0	.0028
3106	Brownville	Public supply	3.30	1.90	0.2	0.03	0.10	0	0.025	0	.0020
3107	Brownville	Public supply	2.70	2.00	0.2	0.09	0.20	0	0.02	.0005	.0027
3108	Kennebunk	Public supply	1.65	0.30	5.9	0.73	0.50	0	0	.0034	.0088
3109	South Berwick	Public supply	2.85	0.50	5.9	0.91	0.40	0	Trace	.0024	.0218
3110	South Berwick	Well	96.00	2.50	0	0.15	178.50	0	0.35	0	.0104
3111	Hartland	Well	20.30	16.00	0.1	0.02	0.325	Trace	0.10	0	.0032
3112	Brownville	Public supply	2.30	1.10	0	0.02	0.10	Trace	0.035	0	.0018
3113	Kittery	Public supply	1.50	0.30	5.0	0.35	0.625	0	Trace	.0130	.0226

3114	Gorham	Public supply	2.00	0.40	0.3	0.20	0.175	0	0.01	.0002	.0074
3115	Bath	Public supply	1.80	0.50	2.4	0.48	0.45	0	0	.0024	.0144
3116	Van Buren	Public supply	5.00	2.50	2.2	0.42	0.125	0	0	.0010	.0056
3117	Bath	Public supply	1.95	0.30	5.0	0.80	0.50	0	0	.0012	.0128
3118	East Millinocket	Ice	1.60	0.20	0	0.20	0.075	0	.0008	.0038	.0114
3119	Augusta	River	2.70	0.80	4.6	1.35	0.50	.0003	0	.0364	.0736
3120	Augusta	Ice	1.20	0.40	0	0.38	0.075	.0012	0	.0020	.0074
3121	Eastport	Public supply	2.10	0.30	2.4	0.60	0.55	0	0	.0034	.0200
3122	Farmington	Spring	2.80	1.20	0	0.16	0.525	0	0.03	.0002	.0026
3123	Brownfield	Spring	1.80	0.40	0	0.14	0.125	0	0	0	.0036
3124	South Windham	Spring	3.00	1.10	0	0	0.225	Trace	.075	.0007	.0019
3125	Pittsfield	Well	8.00	2.50	0	0.01	2.00	0	0.80	.0003	.0029
3126	Bar Mills	Well	12.00	7.50	0	0.02	1.075	.001	0.04	.0014	.0022
3127	North Berwick	Public supply	2.25	0.50	1.5	0.15	0.275	0	0	0	.0050
3128	Brownville	Public supply	3.30	1.90	0.1	0.07	0.20	0	0.025	0	.0030
3129	Waldoboro	Public supply	3.45	2.00	0.8	0.41	0.50	0	0.015	.0010	.0098
3130	Dover	Public supply	2.80	0.80	3.1	0.70	0.225	Trace	0	.0018	.0100
3131	York	Public supply	2.80	0.20	2.1	0.40	0.675	0	0	.0034	.0128
3132	Brewer	Lake	2.20	0.40	2.3	0.59	0.375	0	0	.0100	.0466
3133	Mt. Vernon	Spring	2.70	0.70	0	0.02	0.20	0	0	.0004	.0044
3134	Bangor	Drilled well	33.75	23.00	0	0.03	4.775	0.005	0.85	.0078	.0036
3135	Tenant's Harbor	Well	4.50	1.00	0.1	0.12	1.75	0	0.15	.0036	.0066
3136	Old Town	Drilled well	9.00	5.10	0	0.03	0.85	0.0006	0.125	0	.0016
3137	Old Town	Drilled well	18.00	6.50	0.1	0.04	2.10	.0020	1.10	.0068	.0060
3138	Greenville	Well	2.70	1.00	0	0.06	0.325	.0002	0.20	.0007	.0029
3139	Dover	Public supply	3.00	0.40	3.1	0.76	0.20	0	0	.0022	.0112
3140	Waterville	Spring	9.75	2.00	0	0.04	10.925	Trace	2.25	.0002	.0060
3141	Portland	Public supply	2.10	0.50	0.6	0.29	0.275	0	0	.0002	.0094
3142	Hebron	Public supply	2.10	0.30	0.5	0.20	0.225	0	0	.0052	.0196
3143	Fryeburg	Spring	1.95	0.70	0	0.01	0.15	0	0	0	.0016
3144	Bangor	Artesian well	15.00	14.00	0.2	0.17	1.15	0	0	.0020	.0052
3145	Mt. Vernon	Well	5.60	4.00	0.2	0.29	0.25	0.08	0.125	.0330	.0036
3146	Island Falls	Well	6.00	2.00	0.3	0.06	1.60	0.009	0.60	.0388	.0034
3147	Ogunquit	Well	1.65	0.50	3.7	0.66	0.725	Trace	0	.0070	.0152
3148	Bangor	Drilled well	3.00	14.55	0	0.02	1.75	0.007	0.0125	.0018	.0022
3149	Portland	Public supply	1.20	0.50	0.3	0.26	0.20	0	Trace	.0002	.0076
3150	South Berwick	Semi public supply	2.55	0.60	0	0.10	0.55	0	0.20	.0002	.0050
3151	Portland	Public supply	1.26	0.60	0.4	0.24	0.20	0	Trace	.0006	.0094
3152	Lisbon Falls	Public supply	6.00	4.00	0.1	0.01	0.50	0.0002	0.03	.0002	.0050
3153	West Baldwin	Well	2.40	0.70	0	0.10	0.25	0	0	.0002	.0030
3154	Benton Station	Well	32.25	12.00	0.3	0.23	34.00	.0008	0.825	.0056	.0208
3155	Temple	Well	2.55	0.60	0	0	0.10	0	0.045	.0010	.0030
3156	Vienna	Well	6.30	1.10	0.1	0.10	0.75	0.0005	0.75	.0006	.0070

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen constmed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3157	Mt. Vernon	Spring	3.00	0.70	0	0.15	0.10	0	0	.0002	.0034
3158	Canton	Well	1.65	0.80	0	0.11	0.20	0	0.02	.0007	.0023
3159	Monson	Pond	1.35	0.20	1.2	0.35	0.15	0	0	.0024	.0208
3160	Monson	Well	6.00	2.20	0	0.02	0.925	0.0004	0.30	.0010	.0032
3161	Monson	Lake	1.10	0.30	1.2	0.39	0.15	0	0	.0034	.0236
3162	Monson	Well	9.00	1.80	0	0.16	2.675	0.0002	1.75	.0004	.0036
3163	Lovell	Well	3.55	2.20	0	0.06	0.375	0.001	0.20	.0005	.0107
3164	Guilford	Well	22.50	11.20	0.9	0.44	3.75	.0003	0.20	.0130	.0122
3165	Tenant's Harbor	Well	4.35	1.30	0	0.31	1.575	.0003	0.55	.0002	.0110
3166	Rumford	River	1.51	0.30	0.9	0.34	0.20	0	0.01	.0010	.0102
3167	Foxcroft	Spring	5.00	2.45	0	0.18	0.075	0	0.03	0	.0030
3168	Fryeburg	Well	2.70	0.35	0	0.18	0.975	Trace	0.35	.0012	.0038
3169	New Vineyard	Well	5.55	2.20	0	0.04	0.625	0	0.25	.0022	.0028
3170	St. George	Well	2.32	0.90	0	0.08	0.875	Trace	0.07	.0003	.0023
3171	South Woodstock	Well	3.30	1.10	0.1	0.10	0.375	0	0.04	.0003	.0051
3172	East Dixfield	Well	3.00	0.90	0	0.06	0.55	0	0.08	.0002	.0054
3173	Mexico	Public supply	2.55	1.30	0.9	0.30	0.175	0	0	.0012	.0090
3174	Temple	Spring	1.20	0.95	0	0.03	0.125	Trace	.025	.0018	.0058
3175	Farmington	Spring	1.80	0.50	0	0.12	0.37	0	0	.0008	.0046
3176	Anson	Well	6.00	4.00	0.2	0.20	0.825	.0008	0.15	.0003	.0057
3177	Farmington	Spring	3.30	1.30	0	0.10	0.725	0	0.15	.0004	.0024
3178	West Sullivan	Public supply	1.65	1.00	1.2	0.29	0.40	0	0	.0009	.0083
3179	Brownfield	Spring	1.50	0.80	0.1	0.02	0.10	0	0	.0024	0
3180	North New Portland	Public supply	2.50	1.60	0	0.02	0.05	0	0.04	.0005	.0039
3181	Haines Landing	Well	6.45	3.50	0	0.06	6.05	.0008	.0875	.0524	.0332
3182	Lisbon Falls	Spring	7.50	1.60	0	0	3.00	Trace	1.50	0	.0025
3183	North Chesterville	Well	1.90	1.30	0	0.01	0.10	0	0	.0005	.0001
3184	East Wilton	Well	6.30	1.70	0	0.07	1.55	0	1.00	.0020	.0068
3185	Durham	Well	4.80	2.70	1.0	0.26	2.075	.0022	0.35	.0036	.0254

3186	Dover	Pond	2.75	2.00	1.2	0.31	0.10	0	0.017	.0004	.0058
3187	Alton	Well	8.10	2.40	Violet	0.25	3.15	.0005	0.60	.0009	.0113
3188	Bingham	Public supply	5.40	2.60	0	0.19	0.475	0	0.20	0	.0016
3189	Bingham	Public supply	3.75	1.90	0	0.09	0.35	0	0.075	.0005	.0031
3190	Bingham	Public supply	3.60	2.30	0	0.02	0.20	0	0.025	.0002	.0015
3191	Bingham	Public supply	2.45	1.70	0.1	0.06	0.30	0	0.062	.0004	.0030
3192	Gardiner	Public supply	2.40	1.80	0.3	0.25	0.275	0	0	.0190	.0144
3193	Winthrop Center	Well	15.00	4.00	0.1	0.17	8.35	0	2.00	.0056	.0096
3194	Lisbon Falls	Well	10.50	4.20	1.0	0.26	4.675	0.002	1.50	.0224	.0216
3195	Hinckley	Spring	6.30	4.30	0.1	0.12	0.80	0	0.15	.0003	.0103
3196	Hinckley	Spring	5.40	3.80	0	0.09	0.45	.0006	0.10	.0028	.0046
3197	Hinckley	Spring	1.80	1.10	0	0.14	0.15	0	.012	.0026	.0054
3198	Hinckley	Spring	3.15	1.30	0.7	0.19	0.625	Trace	0.15	.0340	.0128
3199	Hinckley	Well	5.25	4.40	0	0.03	0.10	0	0.05	.0005	.0021
3200	Hinckley	Spring	4.95	3.10	0	0.04	1.00	0	0.075	.0018	.0050
3201	West Baldwin	Spring	1.80	1.10	0	0.05	0.30	0	0.025	.0016	.0022
3202	Hinckley	Well	5.55	4.10	0.8	0.34	0.60	0	0.015	.0024	.0126
3203	West Baldwin	Fountain	1.95	1.00	0.1	0.06	0.40	0	0.03	.0004	.0020
3204	Hinckley	Springs	2.10	1.50	0	0.01	0.225	0	0.087	.0005	.0041
3205	Dexter	Public supply	2.10	1.30	0.2	0.17	0.10	0	0	.0020	.0086
3206	West Paris	Spring	4.20	3.30	0	0.05	0.05	0	Trace	.0014	.0008
3207	West Paris	Spring	4.04	3.20	0.4	0.20	0.20	0	0.02	0	.0072
3208	Dover	Well	2.20	1.20	0	0	0.225	0	0.16	0	.0016
3209	Dover	Well	2.30	1.25	0	0	0.23	.0003	0.165	.0020	.0024
3210	Harrington	Public supply	3.75	2.50	0	0	0.70	0	0.07	.0020	.0010
3211	Winterport	Brook	1.85	1.10	0.3	0.19	0.35	0	0.017	.0036	.0130
3212	Harrington	Public supply	2.55	2.00	0	0	0.60	0	0	0	.0013
3213	Farrington Falls	Public supply	2.30	2.20	0	0	0.20	Trace	Trace	.0020	.0020
3214	Hebron	Public supply	1.50	0.60	0.20	0.20	0.225	0	0	.0038	.0146
3215	West Peru	Spring	1.80	1.00	0	0.09	0.15	0	0.035	.0006	.0030
3216	Bryant Pond	Well	3.90	1.20	0	0.01	1.15	.0005	0.60	.0034	.0042
3217	Southwest Harbor	Public supply	1.50	1.00	0.9	0.25	0.65	0	0	.0014	.0056
3218	Phillips	Well	3.00	1.00	0	0.04	0.45	.0002	0.25	.0044	.0050
3219	Bryant Pond	Spring	3.60	2.80	0.8	0.20	0.20	0	0	.0170	.0022
3220	Stratton	Public supply	2.40	1.40	0.4	0.21	0.05	0	0	.0002	.0060
3221	Andover	Public supply	0.97	0.25	3.0	0.82	0.15	0	0	.0008	.0088
3222	Temple	Spring	1.80	1.10	0	0.16	0.25	Trace	0	.0012	.0040
3223	North Jay	Well	2.40	1.10	0	0.13	0.175	.0003	0.03	.0002	.0016
3224	Richmond	Public supply	2.10	1.00	4.0	0.78	0.225	0	0	.0044	.0156
3225	Pittsfield	Public supply	2.00	1.30	3.7	0.90	0.20	0	0	.0024	.0130
3226	Milo	Public supply	1.10	0.70	3.8	0.58	0.125	0	0	.0022	.0128
3227	Milbridge	Public supply	2.20	1.10	0	0	0.65	.0003	Trace	.0012	.0006
3228	Old Town	Public supply	1.50	0.60	4.2	0.79	0.125	0	0	.0050	.0138

ANALYSES OF SAMPLES OF WATER—Continued.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3229	Kennebunk	Public supply	1.65	0.40	8.5	0.89	0.375	0	0	.0018	.0102
3230	Millinocket	Public supply	1.35	0.60	4.9	0.85	0.07	0	0	.0022	.0138
3231	Gardiner	Public supply	2.10	1.10	1.9	0.41	0.25	0	0	.0112	.0040
3232	Winthrop	Public supply	2.20	1.50	0.1	0.08	0.375	0	Trace	.0012	.0060
3233	Winthrop	Public supply	1.20	0.60	0.4	0.03	0.35	0	0.015	.0002	.0026
3234	Winthrop	Public supply	6.00	3.90	0.1	0	0.70	0	0.087	.0003	.0021
3235	Calais	Well	15.00	9.40	0.1	0.15	1.60	.0004	0.25	0	.0044
3236	Winthrop	Public supply	3.30	2.50	0	0.04	0.225	0	0.015	0	.0060
3237	Madison	Public supply	1.65	1.10	3.0	0.62	0.12	0	0	.0008	.0122
3238	Woodland (Washington Co.)	Public supply	1.10	0.50	3.2	0.65	0.30	0	0	.0022	.0144
3239	Bryant Pond	Spring	0.75	0.40	0	0	0.175	Trace	0.01	0	.0014
3240	Dixfield	Spring	2.35	1.10	0	0	0.30	0	0.15	0	.0012
3241	Dixfield	Well	1.35	1.00	0.1	0	0.15	0	0.04	0	.0032
3242	East Dixfield	Well	5.55	4.10	0.9	0.43	0.70	0	0.30	.0030	.0134
3243	Brewer	Public supply	1.90	0.40	3.5	0.92	0.15	0	0	.0036	.0098
3244	Ellsworth	Public supply	1.30	1.00	2.2	0.50	0.27	0	0	.0016	.0110
3245	Caribou	Public supply	3.15	2.00	3.2	0.66	0.15	0	0.012	.0028	.0088
3246	Dover	Public supply	1.95	1.20	4.3	0.76	0.125	Trace	Trace	.0018	.0278
3247	Bangor	Public supply	2.70	1.20	0.2	0.28	0.25	0	0	.0012	.0064
3248	Cherryfield	Public supply	1.95	1.40	0.2	0.10	0.70	0	0	0	.0014
3249	Cherryfield	Public supply	2.70	1.90	0	0.11	0.525	0	0.01	0	.0036
3250	Machias	Public supply	1.80	0.70	6.8	0.83	0.30	0	0	.0018	.0166
3251	Newagen	Well	3.00	1.70	2.8	0.96	4.125	0	.015	.0124	.0174
3252	Rangley	Public supply	1.50	0.60	2.4	0.55	0.10	0	0	.0008	.0132
3253	Westbrook	Well	27.75	1.0	6.0	0.20	13.15	0.096	2.00	.1830	.0000
3254	Portland	Well	18.75	13.30	0.3	0.08	6.875	0.001	0.40	.0002	.0152
3255	Castine	Well	5.10	2.20	0.2	0.21	0.60	0	0.065	0	.0058
3256	West Baldwin	Fountain	1.95	1.10	0.1	0.13	0.35	0	0.02	.0013	.0051
3257	Newport	Public supply	3.20	2.00	2.8	0.65	0.225	0	0	.0012	.0140

3258	Castine	Public supply	3.10	1.80	0.1	0.05	0.40	0	0	0	.0122
3259	Castine	Well	2.85	1.60	0	0	0.60	.0003	0.08	.0012	.0070
3260	Bar Harbor	Public supply	1.20	1.00	0.2	0.14	0.625	0	0	.0017	.0071
3261	Augusta	Public supply	2.00	1.50	1.3	0.31	0.20	0	0	.0005	.0089
3262	Hallowell	Public supply	1.85	0.60	1.3	0.33	0.40	0	0	.0002	.0110
3263	Eastport	Public supply	1.70	0.80	1.7	0.43	0.45	0	0.01	.0004	.0146
3264	Norridgewock	Public supply	2.60	1.80	0.6	0.13	0.525	Trace	.045	.0012	.0078
3265	Lubec	Public supply	8.40	6.00	0	0	1.50	Trace	0.20	.0006	.0001
3266	Warren	Well	14.45	2.00	0	0.01	5.925	0	2.50	0	.0048
3267	Biddeford	Public supply	2.00	0.40	0	0.13	0.125	0	0	.0002	.0058
3268	Fryeburg	Well	3.40	2.40	0	0.01	0.275	.0003	0.09	0	.0034
3269	Waterville	Public supply	1.80	1.50	0.5	0.19	0.25	0	0	.0018	.0128
3270	Bryant Pond	Spring	0.95	0.50	0	0.06	0.20	0	0.02	.0008	.0038
3271	Wilton	Public supply	1.65	1.40	0.2	0.12	0.10	0	0	.0002	.0084
3272	Kingfield	Public supply	1.00	0.70	1.3	0.32	0.10	0	0	.0002	.0040
3273	Calais	Public supply	2.10	0.50	0.5	0.14	0.27	0	0.02	0	.0024
3274	Oakland	Public supply	1.70	1.30	1.3	0.29	0.27	0	0	.0003	.0105
3275	Winthrop	Well	5.30	2.70	0.4	0.10	0.80	0.001	0.13	.0030	.0098
3276	Waldoboro	Spring	9.65	7.00	0	0.06	3.60	0	0.015	0	.0046
3277	Skowhegan	Public supply	1.90	0.80	1.8	0.35	0.32	0	0.05	.0005	.0087
3278	Seal Harbor	Public supply	1.60	0.60	0.6	0.24	0.70	0	0	.0008	.0072
3279	Bucksport	Public supply	2.05	1.10	3.7	0.67	0.35	0	0	.0032	.0198
3280	Northeast Harbor	Public supply	1.20	0.70	1.5	0.50	0.72	0	0	.0020	.0086
3281	Orono	Public supply	1.60	0.70	3.6	0.80	0.23	0	0	.0012	.0174
3282	Winter Harbor	Public supply	1.50	0.50	3.2	0.76	0.82	0	Trace	.0022	.0210
3283	Lisbon Falls	Well	12.31	1.30	0	0.14	3.625	.0004	2.75	.0024	.0064
3284	Belfast	Public supply	1.60	0.80	3.8	0.54	0.35	0	0	.0030	.0134
3285	Hallowell	Well	6.75	4.30	0.2	0.13	2.10	.0002	0.25	.0008	.0096
3286	Farmington Falls	Well	1.60	0.80	0	0	0.20	0	0	.0006	.0044
3287	Greenville	Well	21.00	7.30	0	0.03	3.425	0.009	1.50	.0120	.0050
3288	South Bristol	Spring	3.60	1.50	0.2	0.03	6.525	0	0	.0026	.0046
3289	West Sumner	Public supply	1.80	1.20	0.2	0	0.15	0	0.03	0	.0024
3290	Farmington Falls	Spring	3.30	3.00	0	0	4.40	0	0.05	0	.0034
3291	West Sumner	Public supply	2.20	2.00	0	0	0.125	0	0.02	.0002	.0014
3292	West Sumner	Public supply	2.70	1.90	0.2	0.05	0.075	.0003	0.03	.0002	.0048
3293	Auburn	Public supply	1.50	1.10	0.2	0.16	0.25	0	0	.0006	.0084
3294	East Dixfield	Well	4.95	1.50	0.3	0.20	0.85	0	1.00	.0016	.0124
3295	Greenville	Well	7.65	4.80	0	0.40	3.05	0.008	0.06	.6800	.2340
3296	West Sumner	Public supply	2.70	2.00	0.2	0.14	0.05	0	0.01	.0002	.0044
3297	Searsport	Public supply	1.10	0.70	0.4	0.18	0.25	0	0	.0012	.0096
3298	Warren	Public supply	1.65	1.20	1.1	0.18	0.45	0	0	.0009	.0092
3299	Damariscotta	Public supply	1.35	0.70	1.0	0.31	0.45	0	0	.0022	.0100
3300	Camden	Public supply	1.20	0.90	0.20	0.09	0.40	0	0	.0012	.0074

ANALYSES OF SAMPLES OF WATER—Continued.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3301	Gorham	Public supply	1.20	1.00	0.6	0.15	0.175	0	0	.0002	.0078
3302	Yarmouthville	Public supply	3.30	2.50	0	0.05	0.375	0	0.11	0	.0020
3303	Mechanic Falls	Public supply	1.75	1.00	4.5	0.26	0.45	0	0	.0038	.0092
3304	Brooks	Public supply	2.40	2.00	0	0.01	0.30	0	0.04	0	.0020
3305	Portland	Public supply	1.40	0.70	0.8	0.10	0.225	0	0	.0003	.0067
3306	Boothbay Harbor	Public supply	2.00	1.00	1.2	0.30	0.65	0	0	.0012	.0136
3307	Livermore Falls	Public supply	1.60	1.30	0.1	0.10	0.20	Trace	Trace	.0026	.0076
3308	Brunswick	Public supply	3.00	2.00	0	0	0.475	0	0.02	0	.0016
3309	Union	Public supply	2.80	1.40	1.1	0.10	0.525	0	Trace	.0004	.0102
3310	Winterport	Public supply	4.50	3.90	0.4	0.10	0.40	Trace	0.025	.0012	.0050
3311	Friendship	Public supply	2.20	1.00	0.1	0.01	1.05	0	0.15	.0036	.0020
3312	Rangeley	Public supply	3.95	1.30	0	0.04	3.95	0.005	1.50	.0022	.0042
3313	Farmington	Well	3.00	1.80	0	0.04	0.475	0	0.087	0	.0028
3314	Farmington	Public supply	1.90	1.40	0.2	0.13	0.175	0	0	.0002	.0074
3315	Bath	Public supply	1.20	0.30	5.6	0.95	0.45	0	0	.0016	.0138
3316	Bath	Public supply	1.05	0.40	1.7	0.40	0.425	0	0	.0012	.0092
3317	Bridgton	Public supply	1.20	0.40	1.5	0.39	0.17	0	0	.0030	.0096
3318	Norway	Public supply	1.00	0.70	0.9	0.37	0.20	0	0	.0014	.0136
3319	Dixfield	Public supply	1.60	0.70	5.9	0.90	0.15	0	0	.0030	.0120
3320	Monson	Spring	1.75	1.00	0	0.02	0.12	0	0	.0003	.0033
3321	Berwick	Public supply	3.00	1.20	1.0	0.21	0.55	0	0.02	.0014	.0074
3322	Greenville	Well	4.35	3.00	0.01	0.05	0.275	0	0.30	.0004	.0058
3323	Monson	Drilled well	2.85	1.40	0.1	0.03	0.30	.0008	0.125	.0016	.0026
3324	Greenville	Spring	6.00	5.00	0.2	0.05	0.10	0	0.01	.0005	.0041
3325	Sidney	Well	3.50	4.50	0.1	0.03	0.32	0	0.075	.0006	.0034
3326	Bethel	Well	6.40	1.90	0.3	0.09	0.35	0.01	0.20	.0056	.0058
3327	Fryeburg	Spring	1.45	0.40	0.1	0.13	0.15	0	0.06	0	.0042
3328	Fryeburg	Public supply	1.00	0.40	1.4	0.38	0.12	0	0	.0007	.0111
3329	Presque Isle	Public supply	9.00	7.90	2.2	0.55	0.40	0	0.075	.0012	.0106

3330	Canton	Well	1.30	0.90	0	0.01	0.17	0	0.01	.0006	.0012
3331	West Farmington	Spring	1.80	0.80	0.1	0.05	0.12	0	0	0	.0030
3332	Rumford	Public supply	1.60	0.30	2.7	0.61	0.10	0	0	.0007	.0079
3333	Danforth	Public supply	8.20	6.20	0.2	0.13	0.50	0	0.10	0	.0068
3334	Buckfield	Public supply	1.30	0.50	0.3	0.22	0.15	0	0	.0008	.0126
3335	Phillips	Public supply	1.60	0.50	2.8	0.55	0.12	0	0	.0007	.0135
3336	Farmington	Public supply	1.75	1.40	0.2	0.15	0.10	0	0	.0012	.0068
3337	Fatten	Public supply	5.10	4.70	0	0.07	0.32	0	0.12	.0009	.0049
3338	Sanford	Public supply	2.00	0.90	0	0.01	0.37	0	0.01	.0002	.0034
3339	Houlton	Public supply	2.20	1.50	4.9	0.88	0.075	0	0	.0016	.0128
3340	Van Buren	Public supply	2.35	1.00	4.2	0.82	0.12	0	0.01	.0013	.0097
3341	Bethel	Public supply	1.05	0.30	2.0	0.60	0.10	0	0	.0009	.0105
3342	Springvale	Public supply	2.10	0.20	0	0.08	0.30	0	0.01	.0052	.0060
3343	North Monmouth	Well	9.15	6.00	0.4	0.05	2.925	Trace	0.275	.0012	.0054
3344	Mt. Desert	Spring	1.90	0.30	0.1	0.15	0.925	0	Trace	.0026	.0060
3345	Fort Fairfield	Public supply	10.90	10.00	0.3	0.16	0.30	0	0.07	.0005	.0049
3346	Strong	Public supply	1.50	1.00	4.5	0.82	0.15	0	0	.0022	.0134
3347	North Berwick	Public supply	1.95	0.60	4.4	0.70	0.35	0	0	.0034	.0176
3348	North Jay	Well	1.65	0.70	0.2	0	0.175	0	0.10	.0016	.0012
3349	South Windham	Spring	8.85	5.60	0	0.03	1.675	.0009	0.125	.0042	.0048
3350	Bingham	Pond	1.60	1.20	1.1	0.31	0.15	0	0	.0034	.0108
3351	Vienna	Well	4.90	1.40	0	0.02	1.10	0	0.40	.0010	.0028
3352	Washington	Well	3.10	2.70	0.5	0.21	0.375	0	0.10	.0024	.0134
3353	South Berwick	Public supply	2.90	0.80	9.0	1.21	0.375	0	0	.0044	.0234
3354	Brownville	Public supply	2.70	2.00	0.3	0.11	0.20	0	0.03	.0002	.0030
3355	Guilford	Pond	2.40	2.00	0.4	0.26	0.22	0	Trace	.0016	.0258
3356	Brownville	Public supply	1.60	1.20	0	0.01	0.075	0	0.02	.0010	.0018
3357	Lewiston	Public supply	1.40	1.00	0.2	0.15	0.32	0	0	.0020	.0118
3358	Waldoboro	Public supply	5.85	4.10	0.9	0.10	0.425	0	0.03	.0007	.0101
3359	Brownville	Public supply	2.70	2.40	0	0.04	0.10	0	0.02	.0012	.0040
3360	Sangerville	Public supply	2.40	2.10	0.1	0.09	0.15	0	Trace	.0015	.0027
3361	Brownville	Public supply	2.40	1.90	0	0.05	0.25	0	0.02	.0011	.0034
3362	Kittery	Public supply	1.05	0.40	3.6	0.50	0.525	0	0	.0016	.0178
3363	York Village	Public supply	0.90	0.30	2.1	0.40	0.575	0	0	.0024	.0094
3364	East Millinocket	Public supply	6.90	5.50	0	0.05	0.225	0	Trace	0	.0036
3365	Lisbon Falls	Public supply	5.10	4.00	0	0.01	0.425	0	0.03	.0004	.0024
3366	Farmington	Well	3.90	3.00	0	0.06	0.175	0	0	.0002	.0024
3367	Farmington	Well	2.25	1.00	0	0.06	0.35	0	0.225	.0003	.0039
3368	Waldoboro	Well	5.25	4.20	0.1	0.17	2.275	Trace	0.08	.0152	.0162
3369	West Sullivan	Public supply	2.00	0.45	1.6	0.22	0.45	0	0	.0024	.0092
3370	West Sullivan	Public supply	2.85	1.60	0.1	0.21	0.80	Trace	0.07	0	.0112
3371	Farmington	Spring	1.35	0.50	0	0.16	0.05	0	0.01	.0002	.0048
3372	Rumford	Well	1.80	1.00	0.1	0.15	0.20	0	0.01	.0002	.0056

ANALYSES OF SAMPLES OF WATER—Continued.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3373	Mt. Vernon.	Well.	4.65	2.10	0	0.08	2.20	0	.025	0	.0058
3374	Skowhegan.	Well.	4.05	2.60	0	0.04	1.025	0	0.50	.0008	.0068
3375	Alfred.	Well.	2.10	1.30	0	0	0.25	0	0.07	.0007	.0033
3376	Parsonsfield.	Spring.	1.20	0.50	0	0.01	0.25	0	0.035	.0003	.0051
3377	West Peru.	Stream.	1.00	0.70	1.9	0.35	0.075	0	0.01	.0014	.0094
3378	Madison.	Drilled well.	5.15	3.00	0.1	0.02	0.55	0	0	.0062	.0020
3379	Dixfield.	Well.	1.65	1.00	0.4	10.04	0.225	0	Trace	.0140	.0034
3380	Alfred.	Well.	1.80	0.90	0.3	0.03	1.70	0	0.225	.0018	.0032
3381	Lisbon Falls.	Well.	8.55	2.30	0.2	0.07	4.325	0	2.75	.0024	.0048
3382	Machiasport.	Well.	2.25	0.40	0	0.06	2.05	.0003	0.06	.0154	.0034
3383	South Berwick.	Semi public supply	1.65	0.80	0	0.08	0.50	.0003	0.06	.0002	.0072
3384	Livermore Falls.	Well.	4.50	3.90	0	0.04	0.35	0	0.015	0	.0014
3385	Winthrop.	Well.	3.75	3.00	0.04	0.01	0.625	0	0.15	.0005	.0049
3386	Brewer.	Drilled well.	5.25	11.90	0.1	0.05	1.675	.0015	0	.0380	.0160
3387	Buxton.	Spring.	1.65	0.40	0	0.06	0.60	0	0.045	.0002	.0020
3388	Dover.	Public supply	1.50	0.90	3.4	0.63	0.075	0	0	.0036	.0114
3389	Milton.	Well.	5.25	1.20	0	0.11	1.85	0	0.45	.0010	.0072
3390	Castine.	Well.	8.25	6.20	3.9	0.31	3.15	0	0.025	.0160	.0224
3391	Westbrook.	Well.	27.55		3.5	0.26	14.00	0.001	0.80	.8540	.0100
3392	Waldoboro.	Well.	1.50	1.00	0	0.11	0.60	0	0	.0022	.0104
3393	Hebron.	Public supply	1.50	0.70	0.4	0.20	0.30	0	0	.0032	.0126
3394	Chester ville.	Spring.	2.55	1.30	0	0.04	0.125	0	0.01	0	.0036
3395	Mt. Vernon.	Spring.	1.65	0.50	0.2	0.06	0.25	0	0	.0017	.0021
3396	Waldoboro.	Public supply	6.00	4.60	0.2	0.12	0.425	Trace	0.017	.0020	.0104
3397	Waldoboro.	Public supply	5.90	4.50	0.6	0.09	0.425	0	0.02	.0014	.0160
3398	Berry Mills.	Well.	1.40	0.30	0.3	0.13	0.125	0	.015	.0016	.0068
3399	Farmington.	Spring.	4.95	3.50	0	0.04	1.325	0	0.02	.0012	.0048
3400	Castine.	Well.	14.10	5.80	0	0.12	2.925	.0006	0.90	.0010	.0104
3401	Berwick.	Well.	11.10	0.50	0.2	0.08	10.075	0.009	4.50	.0309	.0304
3402	Turner.	Spring.	2.00	1.20	0.1	0.02	0.20	0	0.04	0	.0024
3403	Skowhegan.	Public supply	1.80	1.10	2.1	0.34	0.275	0	0.035	.0012	.0144

3404	Guilford	Drilled well	12.75	11.50	0	0.05	1.05	.0004	0.30	.0036	.0058
3405	Wilton	Well	10.95	2.80	0	0	3.80	.0012	1.25	.0126	.0038
3406	Farmington	Well	1.80	0.50	0.1	0.04	0.125	0	0	.0012	.0076
3407	Kezar Falls	Well	2.40	0.50	0	0.01	0.825	0	0.10	.0024	.0064
3408	South Waterford	Well	5.70	1.90	0	0.08	1.025	0	1.10	.0020	.0102
3409	South Waterford	Well	2.85	1.00	0.1	0	0.575	0	0.40	0	.0036
3410	Rumford Falls	Spring	2.30	1.70	0.9	0.14	0.10	0	0	.0012	.0050
3411	Bingham	Well	11.10	10.00	0.7	0.03	0.375	.0014	0.08	.0070	.0030
3412	Farmington Falls	Spring	1.00	0.50	0	0.01	0.24	0	0	.0005	.0021
3413	Farmington Falls	Springs	1.10	0.06	0	0.01	0.24	0	0	0	.0026
3414	Northport	Drilled well	6.15	4.10	0.2	0.02	1.20	Trace	0	.0002	.0032
3415	Hiram	Well	3.90	1.60	0.1	0.11	1.90	.0002	0.45	.0032	.0096
3416	Yarmouthville	Well	1.65	1.20	0.1	0.07	0.30	.0003	0.01	.0086	.0234
3417	Auburn	Well	2.85	1.20	0.2	0.15	1.90	.001	0.275	.0680	.0250
3418	Alfred	Well	2.40	1.10	0.1	0.14	0.375	0	0.055	.0016	.0070
3419	Machiasport	Well	3.30	1.00	0.3	0.43	2.20	Trace	0.06	.0018	.0146
3420	Monmouth	Well	12.15	7.50	0.5	0.04	3.225	.0005	0.125	.0012	.0054
3421	Greenville	Well	1.80	1.00	0.5	0.04	0.575	0	0.15	.0022	.0052
3422	Greenville	Well	7.20	6.40	0	0	0.25	0	0	.0022	.0024
3423	Farmington	Well	6.30	2.00	0	0.01	1.925	0	1.10	0	.0046
3424	Mexico	Public supply	2.00	0.70	4.8	1.08	0.25	0	Trace	.0088	.0642
3425	East Corinth	Well	11.85	10.50	0.1	0.01	1.55	.0005	0.35	.0012	.0030
3426	Winthrop	Drilled well	6.00	4.50	3.5	0.06	0.25	0	0	.0005	.0027
3427	South Windham	Spring	1.50	1.10	0	0	0.25	0	0	.0006	.0024
3428	Sebasco	Well	32.25	32.00	0.8	0.30	4.675	.001	0	.0164	.0146
3429	East Sumner	Well	4.50	2.80	0.1	0.11	0.18	Trace	0	0	.0024
3430	East Sumner	Spring	3.00	1.70	0.1	0.05	0.15	Trace	0.01	.0002	.0022
3431	South Windham	Spring	3.45	1.90	0.1	0.08	0.325	0	0.035	0	.0024
3432	West Sumner	Spring	2.25	1.60	0.2	0	0.10	0	0.025	.0002	.0026
3433	Livermore Falls	Public supply	1.30	0.50	0.4	0.12	0.25	0	0	.0028	.0084
3434	Camden	Spring	2.70	1.20	0	0.03	0.625	0	0	.0012	.0040
3435	West Paris	Spring	2.40	1.50	0.1	0.01	0.05	0	0	0	.0016
3436	West Paris	Spring	7.90	6.00	0.4	0.05	0.15	.0003	0	.0038	.0050
3437	Veazie	Well	13.80	10.20	0.8	0.20	7.65	.0018	2.25	.0402	.0248
3438	Dallas	Spring	3.90	1.70	0	0.04	0.25	0	0.15	.0014	.0128
3439	West Falmouth	Well	7.50	4.00	0	0.06	1.25	0.05	0.275	.0106	.0016
3440	West Baldwin	Well	4.00	0.80	0.1	0.08	1.00	0	0.015	.0002	.0044
3441	Auburn	Well	1.95	0.60	0	0.05	0.10	0	0.01	0	.0046
3442	Anson	Well	11.70	0.90	0.6	0.11	4.95	0.05	2.50	.0300	.0118
3443	Monmouth	Well	14.60	10.50	0.3	0.15	4.075	Trace	0.175	.0012	.0086
3444	Anson	Well	8.40	5.20	0	0.05	1.00	.0003	0.70	.0002	.0068
3445	Southport	Well	1.65	1.00	0.1	0.04	1.00	0	0	.0007	.0057
3446	Southport	Well	3.90	3.00	1.8	0.25	6.30	.0005	0.08	.0296	.0098

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3447	Temple.....	Well.....	4.05	1.60	0.6	0.20	0.40	0	0.02	.0730	.0450
3448	New Sharon.....	Well.....	4.50	3.40	0	0.02	0.25	0	0.025	.0006	.0034
3449	Hebron.....	Public supply.....	1.30	0.70	0.7	0.25	0.22	0	0	.0040	.0176
3450	Rumford Center.....	Spring.....	2.10	1.00	0	0.04	0.05	0	0.01	.0002	.0034
3451	Portland.....	Spring.....	4.20	2.40	0	0.04	1.525	0	0.075	.0062	.0098
3452	East Boothbay.....	Well.....	6.15	1.70	2.9	0.72	5.35	.0006	0.20	.0067	.0375
3453	Alfred.....	Well.....	1.65	0.30	0	0.03	0.55	0	0.45	.0012	.0030
3454	Dover.....	Public supply.....	2.00	1.20	4.6	0.77	0.125	0	0	.0012	.0126
3455	Woodland (Washington Co.).....	Spring.....	4.05	3.00	0	0	0.5	0	Trace	0	.0026
3456	Temple.....	Spring.....	2.80	1.00	0	0	0.15	0	0	0	.0026
3457	Portland.....	Well.....	4.50	3.60	0.1	0.04	0.225	Trace	0.01	.0052	.0040
3458	Yarmouthville.....	Spring.....	6.00	4.20	0.1	0.04	0.70	Trace	0	.0006	.0080
3459	Kennebunk.....	Public supply.....	1.50	0.40	9.2	1.06	0.55	0	0	.0034	.0128
3460	Litchfield Corners.....	Well.....	15.00	10.00	1.7	0.39	2.025	.008	0.06	.0450	.0384
3461	Ellsworth.....	Spring.....	2.70	1.90	0	0.04	0.35	0	0	.0024	.0020
3462	Freeport.....	Well.....	3.00	1.10	1.9	0.30	0.65	0	0	.0026	.0330
3463	Warren.....	Well.....	7.50	4.80	0.1	0.03	1.875	0.002	0.10	.0094	.0086
3464	Hampden Highland.....	Well.....	7.20	0.50	4.0	0.22	0.375	0	0.02	.2340	.0840
3465	Mattawamkeag.....	Well.....	8.10	0.70	0.1	0.05	2.15	0	2.00	.0016	.0046
3466	Jay.....	Well.....	5.25	0.50	6.8	0.91	0.60	0	0.02	.1820	.0540
3467	North Jay.....	Well.....	1.65	1.10	0.2	0.02	1.40	0	0.70	.0004	.0020
3468	Jay.....	Well.....	4.50	2.00	0	0.03	0.95	.0008	0.30	.0017	.0045
3469	Mattawamkeag.....	Spring.....	1.20	0.40	1.7	0.44	0.15	0	0	.0028	.0070
3470	Medomak.....	Artesian well.....	97.50	0.60	0.7	0.34	2.650	0.02	0.01	.0680	.0014
3471	Anson.....	Spring.....	4.20	2.60	0	0.05	0.175	0	0	.0007	.0043
3472	Princeton.....	Well.....	3.00	2.00	1.8	0.30	0.90	.0005	0.60	.0032	.0156
3473	Livermore Falls.....	Well.....	12.00	6.00	0.1	0.05	1.85	.001	1.00	.0032	.0022
3474	Livermore Falls.....	Well.....	2.65	1.10	0	0.11	0.12	0	0	0	.0036
3475	Sumner.....	Well.....	1.50	0.40	0	0.01	0.15	0	0.03	.0006	.0036
3476	New Sharon.....	Spring.....	4.50	0.50	0.1	0.08	1.85	0	0.45	.0002	.0064

3477	Sanford	Well	2.55	1.20	0.2	0.10	0.25	0	.025	.0002	.0048
3478	New Sharon	Well	5.40	3.40	0	0.05	0.75	0	0.10	0	.0044
3479	New Sharon	Well	7.65	3.20	0.2	0.05	1.775	0	1.10	.0018	.0078
3480	New Sharon	Well	3.00	0.90	0	0.01	0.15	0	0.06	.0007	.0055
3481	New Sharon	Well	4.95	2.10	0	0.01	0.375	0	0.30	.0008	.0034
3482	Sanford	Spring	2.40	1.20	0	0.03	0.45	0	Trace	0	.0012
3483	Lisbon Falls	Spring	7.50	1.30	0	0.01	2.35	.0003	1.25	0	.0022
3484	Auburn	Spring	3.30	1.70	0.4	0.05	0.525	.0002	.025	.0026	.0052
3485	Readfield	Spring	9.00	6.00	0	0.15	5.95	Trace	2.00	.0012	.0082
3486	Wilton	Well	3.60	1.10	0.1	0.16	1.425	0	0.15	.0002	.0074
3487	South Windham	Spring	2.55	2.00	0	0.01	0.55	0	0.125	0	.0012
3488	Corinna	Well	17.25	13.80	0.4	0.02	1.80	0	0.60	0	.0038
3489	Anson	Well	5.40	0.30	0	0.07	2.65	.001	4.00	.0020	.1884
3490	Anson	Well	4.35	0.60	0	0.05	1.75	0	1.00	.0002	.0070
3491	Farmington Falls	Well	4.80	2.60	0.2	0.05	0.775	.0005	0.25	.0003	.0073
3492	Augusta	Public supply	1.60	0.70	1.9	0.31	0.225	0	0	.0026	.0148
3493	Cornish	Well	2.10	0.20	0	0.08	0.15	0	.035	.0012	.0050
3494	Fryeburg Center	Spring	1.30	0.50	0	0.04	0.12	0	0	.0016	.0042
3495	Pittsfield	Public supply	1.65	0.80	3.8	0.87	0.15	0	0	.0036	.0194
3496	Brownfield	Spring	2.20	0.70	0.1	0.04	0.15	0	0	.0016	.0040
3497	Limington	Spring	2.10	0.80	0	0.01	0.20	0	0	.0016	.0024
3498	Livermore Falls	Well	7.50	2.60	0	0.01	1.00	0	0.20	.0020	.0036
3499	Rumford Center	Spring	2.25	0.60	0.8	0.12	0.10	0	0.02	.0003	.0091
3500	Canton	Well	3.30	2.00	0	0.01	0.40	0	0.03	0	.0014
3501	Gardiner	Public supply	2.45	1.00	1.4	0.40	0.325	0	0	.0024	.0184
3502	Waterville	Public supply	1.90	0.80	0.6	0.25	0.28	0	0	.0028	.0140
3503	Richmond	Public supply	2.40	0.70	3.6	0.91	0.20	Trace	Trace	.0052	.0188
3504	Madison	Public supply	1.50	0.60	3.1	0.61	0.12	0	0	.0016	.0166
3505	Greenville	Well	9.00	3.70	0.3	0.06	3.30	.0004	1.20	.0012	.0048
3506	Greenville	Well	2.00	1.40	0	0.03	0.25	Trace	0	.0004	.0038
3507	Oakland	Public supply	1.90	0.70	1.8	0.39	0.20	0	0	.0044	.0138
3508	Orono	Public supply	1.80	0.30	3.1	0.59	0.225	0	0	.0032	.0208
3509	Pembroke	Well	7.50	5.40	0.1	0.13	1.725	Trace	0.065	.0034	.0094
3510	Skowhegan	Public supply	1.80	0.60	3.5	0.49	0.325	0	0.03	.0026	.0176
3511	Hallowell	Public supply	3.00	1.40	1.6	0.46	0.15	0	0	.0018	.0200
3512	Old Town	Public supply	1.80	0.40	4.5	0.98	0.10	0	0	.0036	.0192
3513	Newport	Public supply	1.50	0.80	2.0	0.44	0.225	0	0	.0014	.0160
3514	Jackman	Well	7.80	0.40	0.6	0.28	3.95	.0015	1.75	.0030	.0164
3515	Prospect	Well	3.15	2.20	0	0.06	0.35	0	0.03	.0007	.0039
3516	Prospect	Spring	1.60	0.50	0	0.03	0.35	0	0	.0007	.0055
3517	Temple	Well	2.44	1.10	0	0.08	0.17	0	0	.0002	.0048
3518	Brewer	Public supply	1.80	0.90	4.3	1.20	0.175	Trace	Trace	.0052	.0144
3519	Augusta	Spring	5.20	4.30	0	0.11	0.60	0	0.07	0	.0017

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3520	Rumford	Public supply	1.95	1.30	1.4	0.30	0.15	0	Trace	.0036	.0086
3521	Rumford	Well	2.60	1.50	1.5	0.41	0.10	0	Trace	.0012	.0064
3522	Augusta	Public supply	7.00	5.30	0	0.05	0.425	0	0.035	.0002	.0013
3523	Howes Corner	Well	4.00	2.10	0	0.12	0.45	0	Trace	.0002	.0056
3524	Farmington	Well	3.97	3.20	0	0.08	0.325	0	0.02	.0018	.0068
3525	Bowdoinham	Spring	4.60	3.30	0	0.10	0.725	.0004	0.04	.0002	.0072
3526	Beechwood	Spring	4.08	1.60	0	0.11	1.20	Trace	0.175	.0020	.0094
3527	Southport	Well	1.82	0.20	1.8	0.46	0.95	0	0	.0052	.0066
3528	Brewer	Spring	18.36	7.10	0	0.06	11.55	.0015	4.50	.0048	.0098
3529	Eastport	Public supply	1.70	0.70	1.4	0.41	0.45	0	0	.0014	.0172
3530	Castine	Public supply	3.97	1.90	0.1	0.13	0.60	0	.055	.0042	.0060
3531	Kezar Falls	Public supply	1.80	1.60	0	0.04	0.15	.0006	0	0	.0022
3532	Kingfield	Public supply	1.53	0.60	1.2	0.27	0.07	0	0	.0008	.0092
3533	Lubec	Public supply	7.19	4.70	0	0.03	1.50	.0003	0.20	.0005	.0027
3534	Calais	Public supply	1.98	1.10	0.8	0.15	0.125	0	0.02	.0007	.0061
3535	Winter Harbor	Public supply	1.37	0.20	4.8	0.76	0.875	0	0	.0032	.0190
3536	Camden	Spring	4.13	3.70	0	0.03	0.625	0	0	.0010	.0010
3537	Berwick	Well	10.71	5.60	0.6	0.13	2.35	0	1.20	.0110	.0114
3538	Berwick	Well	4.69	4.00	0.2	0.11	0.25	0	0	.0044	.0120
3539	Bucksport	Public supply	1.22	1.20	6.0	1.08	0.375	0	0	.0080	.0304
3540	Northeast Harbor	Public supply	1.07	0	0.9	0.51	0.675	0	0	.0012	.0138
3541	Machias	Public supply	1.68	1.40	9.5	1.36	0.30	0	0	.0034	.0230
3542	Seal Harbor	Public supply	1.50	0.90	0.1	0.17	0.75	0	0	.0022	.0060
3543	Bangor	Well	29.83	24.50	0	0.06	4.825	.001	0.80	.0014	.0024
3544	Wilton	Public supply	2.10	1.50	0.3	0.14	0.30	0	0	.0007	.0079
3545	Machias	Well	6.12	2.50	0	0.10	2.80	.0002	0.50	.0002	.0026
3546	Bar Harbor	Public supply	1.07	0.50	0.3	0.25	0.575	0	0	.0008	.0098
3547	York Harbor	Public supply	1.07	0.40	1.2	0.35	0.65	0	0	.0022	.0132
3548	Winterport	Public supply	6.10	5.60	0.9	0.14	0.425	0	.025	.0026	.0100

3549	Lewiston	Brook	1.80	1.00	1.0	0.70	0.375	0	0	.0032	.0088
3550	Norridgewoock	Public supply	3.50	2.70	2.4	0.25	0.30	0	0	.0016	.0070
3551	Paris	Spring	2.75	2.50	0	0.03	0.20	0	0.06	0	.0016
3552	Belfast	Public supply	1.68	1.00	3.9	0.64	0.40	0	0	.0022	.0172
3553	Millinocket	Public supply	1.70	0.80	4.5	0.85	0.125	0	0	.0034	.0120
3554	East Machias	Well	6.57	5.50	0.5	5.45	1.35	0.12	0.15	.0112	.0126
3555	Searsport	Public supply	1.70	0.70	0.4	0.17	0.30	0	0	.0012	.0140
3556	Rangleley	Well	3.80	0.80	0.1	0.10	0.175	0	0.275	.0015	.0083
3557	Foxcroft	Drilled well	20.65	13.20	0.3	0.12	4.20	0.09	0.80	.0290	.0144
3558	Northport	Spring	5.96	2.30	0	0.05	3.475	Trace	0.50	.0020	.0040
3559	Portland	Well	4.10	3.00	1.7	0.06	0.30	0	0	.0017	.0075
3560	Northport	Well	5.50	3.00	0	0.11	7.275	0	0.70	.0028	.0086
3561	Richmond	Drilled well	3.67	2.20	2.5	0.23	1.725	0.04	0.25	.0200	.0094
3562	East Dixfield	Well	3.80	1.50	0.1	0.23	0.475	0	0.25	.0018	.0170
3563	Portland	Spring	1.37	0.70	0	0.02	0.45	0	0.03	.0058	.0092
3564	Richmond	Well	5.50	5.90	0.8	0.08	5.50	0	0.225	.0004	.0092
3565	Brooks	Public supply	4.70	3.50	0.2	0.01	0.40	.0006	0.03	.0005	.0033
3566	Brunswick	Public supply	2.80	1.50	0	0.02	0.50	0	0.02	.0003	.0039
3567	Portland	Public supply	1.20	0.60	1.3	0.26	0.50	0	0	.0010	.0168
3568	Boothbay Harbor	Public supply	1.95	1.00	1.5	0.30	0.775	0	0	.0034	.0188
3569	Camden	Public supply	1.30	1.30	0.1	0.11	0.475	0	0	.0034	.0080
3570	Dover	Public supply	1.90	1.10	4.6	0.76	0.10	Trace	0	.0056	.0220
3571	Yarmouthville	Public supply	3.67	1.90	0.4	0.03	0.875	.0003	0.27	.0026	.0102
3572	Hebron	Public supply	1.22	0.50	1.4	0.30	0.20	0	0	.0064	.0550
3573	Portland	Public supply	1.20	0.80	0.8	0.18	0.20	0	0	.0016	.0100
3574	Warren	Public supply	3.30	2.40	0.2	0.10	0.50	0	0	.0002	.0090
3575	Kineo	Driven well	1.50	0.55	0	0.16	0.07	0	0	.0044	.0052
3576	Bath	Public supply	1.07	0.30	1.7	0.46	0.35	0	0	.0013	.0155
3577	Bath	Public supply	2.10	0.50	3.0	0.52	0.50	0	0	.0022	.0212
3578	Ellsworth	Public supply	1.30	0.60	1.6	0.39	0.55	0	0	.0004	.0156
3579	Union	Public supply	3.06	1.90	0.9	0.15	0.675	0	0	.0003	.0271
3580	Friendship	Public supply	2.14	0.05	0	0.05	1.30	0	0.15	.0032	.0088
3581	Augusta	Well	2.35	0.50	0	0.05	0.30	Trace	0.04	.0042	.0062
3582	Biddeford	Well	84.71	0.40	3.0	0.51	251.0	0	0.01	.0706	.0092
3583	Foxcroft	Drilled well	8.26	5.10	0	0.12	3.85	0.02	2.00	.0044	.0218
3584	Bangor	Well	6.40	3.40	0.1	0.06	1.65	0	0.35	.0080	.0090
3585	Skowhegan	Well	8.97	7.50	0	0.03	0.225	0	0.03	.0046	.0030
3586	Wiscasset	Spring	15.30	14.00	0.2	0.16	4.30	.0009	0.40	.0190	.0204
3587	York Harbor	Well	5.26	1.60	0.2	0.05	6.075	Trace	0.25	.0044	.0074
3588	Bridgton	Public supply	1.07	0.40	1.5	0.30	0.20	0	Trace	.0014	.0126
3589	Lewiston	Public supply	1.50	1.00	5.0	0.87	0.05	0	Trace	.0054	.0250
3590	Norway	Public supply	1.80	1.10	0.5	0.30	0.25	0	Trace	.0028	.0112
3591	Wiscasset	Well	11.62	8.30	0.1	0.19	3.00	.005	0.45	.0126	.0166

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3592	Hallowell.....	Spring.....	9.90	8.00	0	0.03	0.55	0	Trace	.0005	.0135
3593	Solon.....	Spring.....	1.35	0.50	0	0.05	0.225	0	0.05	.0002	.0028
3594	Mt. Vernon.....	Well.....	13.10	10.30	0	0.03	0.50	0	0.02	.0005	.0041
3595	Portland.....	Spring.....	2.29	1.30	0	0.08	0.575	0	0.125	.0002	.0038
3596	Westbrook.....	Well.....	3.20	2.70	0.2	0.02	0.775	.001	0.06	.0546	.0096
3597	Farmington.....	Public supply.....	2.20	1.50	0.1	0.13	0.12	0	Trace	.0010	.0108
3598	Buckfield.....	Public supply.....	1.60	0.50	0.2	0.13	0.175	0	Trace	.0013	.0099
3599	Dyer Brook.....	Well.....	12.30	11.30	0.1	0.11	0.50	.0012	0.04	.0430	.0214
3600	Danforth.....	Public supply.....	10.60	8.00	0.3	0.19	0.525	0	0.10	.0012	.0078
3601	Sangerville.....	Spring.....	4.50	3.60	0	0.02	0.20	0	0.04	.0005	.0041
3602	Lewiston.....	Public supply.....	1.80	0.80	0.1	0.11	0.225	0	Trace	.0004	.0128
3603	Dixfield.....	Public supply.....	3.50	2.30	1.3	0.47	0.10	0	Trace	.0009	.0123
3604	Patten.....	Public supply.....	6.40	6.00	0	0.10	0.325	0	0.08	.0002	.0028
3605	Mechanic Falls.....	Public supply.....	1.65	0.90	0.8	0.27	0.325	0	Trace	.0005	.0145
3606	Strong.....	Public supply.....	3.00	1.90	1.7	0.50	.10	0	Trace	.0022	.0152
3607	Phillips.....	Public supply.....	1.50	0.70	1.4	0.43	0.15	0	Trace	.0070	.0106
3508	Rumford.....	Public supply.....	3.60	2.50	2.0	0.35	0.375	0	0.05	.0090	.0074
3509	Auburn.....	Public supply.....	2.00	1.50	0.1	0.11	0.225	0	Trace	.0044	.0126
3610	Fort Fairfield.....	Well.....	29.80	29.00	0.2	0.08	1.05	0	0.50	.0012	.0064
3611	Anson.....	Well.....	3.20	1.40	0	0.03	0.875	0	0.30	.0014	.0034
3612	Livermore Falls.....	Public supply.....	1.50	1.00	0.3	0.12	0.225	0	0.225	.0018	.0126
3613	Woodland (Washington Co.).....	Public supply.....	1.40	0.40	4.2	0.70	0.175	0	Trace	.0032	.0204
3614	Newagen.....	Well.....	2.30	1.30	0.7	0.9	3.50	.001	.015	.0330	.0218
3615	Bethel.....	Public supply.....	1.07	0.80	0.6	0.15	0.10	0	Trace	.0002	.0056
3616	Waldoboro.....	Spring.....	6.40	5.20	0	0.02	2.925	0	0.43	.0007	.0057
3617	Waldoboro.....	Public supply.....	2.60	1.40	0	0.06	0.50	0	Trace	.0005	.0031
3618	Gorham.....	Public supply.....	1.90	1.20	0.7	0.20	0.25	0	Trace	.0014	.0106
3619	Rangeley.....	Public supply.....	1.20	0.80	8.5	.83	0.125	0	Trace	.0170	.0310
3620	East Boothbay.....	Spring.....	4.59	2.30	1.5	0.53	1.83	.0026	0.12	.0350	.0280

3621	Hallowell	Well	3.90	2.70	0	0.08	0.50	.0016	0.175	.0080	.0036
3622	Mechanic Falls	Well	2.06	1.42	1.2	0.19	0.30	Trace	0.01	.0040	.0124
3623	Houlton	Public supply	6.80	5.35	4.0	0.85	0.175	0	Trace	.0034	.0170
3624	Winter Harbor	Spring	2.30	1.30	0	0.16	0.80	0	0	.0006	.0074
3625	Kittery	Public supply	1.90	0.70	3.8	0.43	0.625	0	0	.0052	.0194
3626	Fryeburg	Public supply	1.50	0.60	0.2	0.08	0.15	0	Trace	.0005	.0039
3627	Biddeford	Public supply	1.30	0.40	0.7	0.11	0.20	0	0	.0005	.0083
3628	East Andover	Spring	2.60	1.90	0	0.03	0.15	0	0.07	.0014	.0034
3629	Springvale	Public supply	2.40	0.40	0	0.02	0.40	0	0.01	.0120	.0038
3630	Sanford	Public supply	1.80	1.50	0	0.03	0.225	0	0	.0002	.0025
3631	Milbridge	Public supply	1.90	1.00	0	0.01	0.675	0	0	.0002	.0010
3632	Andover	Public supply	1.57	0.70	1.6	0.50	0.07	0	0	.0050	.0104
3633	Mexico	Public supply	3.40	2.40	1.4	0.33	0.15	0	0.02	.0034	.0100
3634	Caribou	Public supply	4.80	3.00	6.0	1.20	0.14	0	0	.0044	.0220
3635	Presque Isle	Public supply	10.50	10.08	5.0	0.99	0.525	0	0.04	.0070	.0206
3636	New Sharon	Well	8.40	8.50	0.7	0.19	0.675	.004	0.03	.0160	.0224
3637	New Sharon	Well	3.67	2.40	0	0.05	0.45	0	0.30	0	.0023
3638	New Sharon	Well	5.20	2.40	0.2	0.07	0.35	0	0.10	.0002	.0030
3639	New Sharon	Well	3.97	2.40	0	0.12	0.575	Trace	0.14	.0008	.0034
3640	New Sharon	Well	16.06	10.10	0	0.10	1.50	0	0.06	.0009	.0077
3641	New Sharon	Well	7.49	6.30	0.2	0.04	1.40	0	0.25	.0002	.0050
3642	New Sharon	Well	3.36	2.20	0	0.03	0.60	0	0.05	0	.0030
3643	New Sharon	Well	4.40	5.00	0.2	0.05	0.15	0	0.01	.0014	.0048
3644	Lisbon Falls	Public supply	5.14	4.80	0.2	0.03	0.55	0	0.01	.0002	.0016
3645	New Sharon	Well	7.19	5.60	0	0.03	2.475	.003	0.60	.0036	.0040
3646	New Sharon	Well	2.73	2.30	0.3	0.03	0.10	0	0	.0006	.0018
3647	North Berwick	Public supply	1.80	1.60	1.6	0.20	0.30	0	0	.0010	.0084
3648	Sargentville	Well	4.70	2.70	0.6	0.13	0.70	.0008	0.27	.0044	.0130
3649	Sargentville	Well	2.83	1.85	0.1	0.02	2.375	0	0.08	.0002	.0046
3650	Vassalboro	Well	8.87	8.20	0.2	0.07	0.375	0	0	.0020	.0022
3651	Norway	Well	1.75	0.90	0.1	0.05	0.30	Trace	0.01	.0012	.0046
3652	Madison	Well	3.30	0.40	0.3	0.06	2.00	.003	1.10	.0072	.0064
3653	Berwick	Public supply	2.55	1.60	1.6	0.30	0.325	Trace	Trace	.0016	.0148
3654	South Berwick	Public supply	2.67	2.50	4.0	0.50	0.775	.0007	0	.0020	.0198
3655	East Millinocket	Public supply	8.56	8.08	0.3	0.09	0.35	0	Trace	.0005	.0047
3656	Fort Fairfield	Public supply	14.50	12.45	0	0.09	0.15	0	0.04	.0006	.0282
3657	Dexter	Public supply	2.10	1.70	0.2	0.21	0.20	0	Trace	.0008	.0092
3658	Winthrop	Well	4.60	4.30	0.2	0.11	31.00	Trace	0.30	.0014	.0065
3659	Winthrop	Well	18.97	13.60	0	0.04	1.375	0	Trace	.0002	.0052
3660	Winthrop	Public supply	3.10	2.10	0.9	0.34	0.40	0	.035	.0034	.0168
3661	Winthrop	Public supply	3.20	2.10	0.9	0.34	0.40	0	0.035	.0018	.0156
3662	Winthrop	Spring	2.80	1.10	0.2	0.04	0.20	0	0.01	.0002	.0052
3663	North New Portland	Public supply	3.40	2.95	0.3	0.03	0.10	0	0.03	.0008	.0052

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3664	Farmington Falls.....	Public supply.....	2.75	2.40	0.2	0.04	0.175	.0004	0.01	.0020	.0020
3665	Farmington.....	Well.....	5.20	3.20	0	0.05	0.80	.0002	0.50	.0002	.0028
3666	Milo.....	Public supply.....	1.48	0.80	1.8	0.50	0.15	0	0	.0018	.0100
3667	Southwest Harbor.....	Public supply.....	1.00	0.45	1.0	0.28	0.65	0	0	.0006	.0092
3668	Castine.....	Well.....	8.10	8.05	0	0.10	3.35	0	0.30	.0004	.0062
3669	Van Buren.....	Public supply.....	6.42	5.70	0.2	0.19	0.07	0	Trace	.0008	.0024
3670	Augusta.....	Well.....	7.80	6.50	0	0.13	0.80	.0032	0.10	.0084	.0100
3671	East Andover.....	Spring.....	3.06	1.40	0	0.06	0.20	0	0.02	.0012	.0032
3672	West Buxton.....	Well.....	4.13	3.30	1.9	0.21	0.40	Trace	0	.0080	.0056
3673	Stratton.....	Public supply.....	2.75	2.60	0	0.22	0.10	0	0	.0004	.0030
3674	Harrington.....	Public supply.....	2.60	2.00	0.2	0.03	0.625	.0001	0	0	.0016
3675	Harrington.....	Public supply.....	3.00	2.60	0.4	0.04	0.75	0	0.05	.0014	.0030
3676	Sangerville.....	Public supply.....	4.74	4.20	0	0.08	0.225	0	0.06	.0004	.0036
3677	Brownville.....	Public supply.....	3.36	2.60	0	0.03	0.225	0	0.02	.0002	.0026
3678	Brownville.....	Public supply.....	2.52	2.20	0.3	0.02	0.20	0	0.02	0	.0010
3679	Brownville.....	Public supply.....	4.40	3.55	0	0.02	0.425	0	0.01	.0004	.0034
3680	Brownville.....	Public supply.....	3.21	2.30	0.1	0.02	0.25	0	0.30	.0002	.0058
3681	Alna.....	Well.....	5.11	5.10	1.3	0.10	0.60	.0018	.045	.0026	.0056
3682	Topsham.....	Spring.....	1.60	1.00	0	0.04	0.375	0	Trace	.0006	.0042
3683	Alna.....	Well.....	2.83	2.30	1.0	0.18	0.475	0	0.015	.0028	.0102
3684	Temple.....	Well.....	5.79	4.50	0	0.08	0.15	0	0	.0006	.0065
3685	Topsham.....	Well.....	23.87	4.95	0	0.06	16.50	.0007	2.50	.0004	.0044
3686	Temple.....	Well.....	8.93	7.55	0	0.03	0.25	0	0.01	0	.0026
3687	West Sumner.....	Public supply.....	5.50	4.65	0	0.03	0.10	0	0.02	0	.0023
3688	West Sumner.....	Public supply.....	2.20	1.60	0	0.01	0.15	0	0.01	0	.0014
3689	Belgrade.....	Spring.....	2.21	1.55	0.2	0.03	0.375	0	0.025	.0020	.0022
3690	West Sullivan.....	Public supply.....	1.65	1.45	0	0.08	0.65	0	0.04	.0006	.0026
3691	Bingham.....	Public supply.....	5.66	4.10	0	0.01	0.60	0	0.20	.0010	.0007
3692	Bingham.....	Public supply.....	3.76	2.60	0	0.03	0.20	0	0.025	.0010	.0016

3693	Bingham	Public supply	3.13	2.20	0	0.04	0.425	0	0.06	.0010	.0030
3694	Bingham	Public supply	2.00	1.75	0	0.03	0.50	0	0.15	.0008	.0014
3695	Sebasco	Well	22.95	18.50	0	0.22	9.50	.0005	0	.0076	.0084
3696	Winthrop	Public supply	2.14	0.50	0	0.05	0.35	0	0.015	.0007	.0053
3697	Winthrop	Public supply	3.79	3.10	0.5	0.06	0.25	0	0.01	.0008	.0046
3698	Winthrop	Public supply	7.34	5.50	0.3	0.02	0.80	0	0.07	.0002	.0050
3699	Wilton	Well	2.44	1.20	0	0.02	0.40	0	0.08	.0014	.0046
3700	Bangor	Drilled well	5.20	16.00	0	0.03	1.675	.0065	0.015	.0022	.0020
3701	Oxford	Well	7.65	2.10	0	0.03	3.00	.0003	2.00	.0102	.0044
3702	Bangor	Public supply	2.75	0.20	0.5	0.41	0.075	0	0.01	.0016	.0098
3703	Anson	Well	3.06	1.20	0.4	0.02	0.675	.0003	0.02	.0007	.0039
3704	Biddeford	Well	4.07	0.80	0.1	0.04	5.15	0	0.125	.0002	.0018
3705	Albion	Well	9.94	8.00	0.5	0.15	0.40	.0005	0.05	.0044	.0080
3706	Albion	Spring	4.59	2.60	0.7	0.09	0.45	0	0.05	.0022	.0092
3707	Fort Fairfield	Well	29.83	20.00	1.6	0.06	4.00	0	0.70	.0020	.0062
3708	Guilford	Well	7.80	5.20	1.6	0.43	4.05	Trace	0.50	.0030	.0100
3709	Monmouth	Spring	2.60	1.20	0	0.08	0.70	0	0.012	.0002	.0018
3710	Guilford	Well	3.21	2.00	0.8	0.25	0.50	0	0.06	.0018	.0096
3711	Livermore Falls	Well	6.27	1.20	0	0.01	2.25	.001	0.60	.0002	.0030
3712	Farmington Falls	Spring	3.00	2.90	0	0	0.35	.0003	0.10	.0004	.0014
3713	Farmington Falls	Spring	1.68	1.00	0	0.04	0.15	0	0	0	.0020
3714	Bingham	Well	9.48	4.30	0.2	0.08	128.0	Trace	0.15	.0022	.0042
3715	Bingham	Pond	1.80	0.90	1.0	0.30	0.25	0	Trace	.0002	.0190
3716	Pleasant Island	Drilled well	11.37	9.00	0.4	0.16	2.35	0.04	0.225	.5160	.1146
3717	East Dixfield	Well	1.53	1.20	0	0.01	0.875	0	0.07	.0005	.0029
3718	Berry Mills	Well	8.10	1.20	1.0	0.09	6.20	.0003	3.50	.0036	.0082
3719	Greenville	Drilled well	5.80	6.50	0.4	0.01	0.875	.001	0.175	.0024	.0036
3720	Fort Clyde	Drilled well	5.50	7.00	0.9	0.08	3.275	0	0	.0026	.0066
3721	South Hiram	Well	2.14	1.20	0.2	0.12	0.30	Trace	0.30	.0022	.0102
3722	Foxcroft	Drilled well	13.11	7.90	0	0.02	1.675	0	0.40	.0002	.0032
3723	Upton	Spring	3.70	2.70	0	0.02	0.875	0	0.40	.0002	.0014
3724	Upton	Spring	2.38	1.00	0.5	0.14	0.15	0	0	.0002	.0042
3725	Upton	Spring	3.17	1.20	0	0.02	1.275	0	0.09	.0007	.0055
3726	Foxcroft	Drilled well	9.83	6.00	0	0.02	2.45	.0015	1.00	.0012	.0034
3727	Upton	Well	2.08	1.50	0.7	0.02	0.10	0	0.045	.0007	.0020
3728	Northport	Spring	2.98	1.10	0.3	0.12	1.20	.00025	0.045	.0017	.0067
3729	Kents Hill	Well	5.06	4.00	0	0.02	0.35	.0002	0.15	.0016	.0037
3730	Sargentville	Pond?	1.98	0.50	15.0	0.14	0.70	.0001	0	.0035	.0380
3731	Dark Harbor	Artesian well	59.60	11.60	0.5	0.27	154.0	.0006	Trace	0	.0046
3732	Cumberland Mills	Well	7.45	3.20	0.1	0.02	1.95	.00015	0.125	.0030	.0036
3733	Kittery	Well	16.39	10.50	0	0.03	3.50	.0007	1.20	.0007	.0049
3734	Richmond	Spring	14.90	3.00	10.0	0.33	2.675	.0010	0.01	.0160	.0033
3735	South China	Well	6.00	2.50	0	0.03	1.70	.0005	0.25	.0035	.0017

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3736	Cornish	Spring	1.78	1.00	0	0	0.45	.0001	0.04	.0002	.0022
3737	Cornish	Spring	5.21	3.60	1.25	0.10	0.45	.0010	0.02	.0016	.0054
3738	Cornish	Spring	2.68	2.00	0.1	0.02	0.325	0	Trace	.0002	.0034
3739	Cornish	Spring	3.12	2.00	0	0.02	0.20	Trace	0.055	.0002	.0032
3740	Springvale	Pond	1.98	0.60	0.2	0.05	0.50	0	Trace	.0007	.0027
3741	Springvale	Spring	2.98	0.80	0.1	0.03	0.375	.002	0.01	.0067	.0037
3742	Machias	Well	1.93	1.10	0	0.04	1.35	0	0.08	.0012	.0034
3743	Popham Beach	Well	3.72	1.70	0	0.05	2.825	.0010	0.40	.0440	.0505
3744	Sargentville	Mining shaft	10.43	5.50	0.75	0.15	46.50	0	0	.0026	.0071
3745	Sargentville	Well	1.49	1.00	3.75	0.52	1.50	0	0	.0017	.0303
3746	Castine	Artesian well	12.98	10.10	0	0.09	0.75	.0002	0	.0017	.0011
3747	Hallowell	Well	4.47	2.10	0	0.07	0.625	.0005	0.075	.0385	.0117
3748	Castine	Artesian well	13.41	10.10	0	0.07	0.75	.0001	0	.0005	.0033
3749	New Vineyard	Well	6.00	2.10	0.1	0.07	0.725	.0005	0.50	.0026	.0104
3750	Brewer	Public supply	1.49	1.20	4.0	0.60	0.20	0	Trace	.0022	.0182
3751	Hebron	Public supply	4.47	1.20	10.0	0.24	0.275	0	0	.0025	.0839
3752	Sebago Lake	Well	4.80	4.00	1.0	0.15	0.25	.00015	Trace	.0930	.3802
3753	Hallowell	Well	6.45	0.80	0	0.12	2.675	.010	1.25	.4540	.0570
3754	Dover	Well	6.45	0.80	2.0	0.08	0.20	.0003	0	.0005	.0041
3755	East Orrington	Well	16.39	13.00	17.5	0.62	0.975	.0003	0.015	.2560	.3270
3756	East Orrington	Well	4.47	3.00	0	0.17	0.20	.00025	0.045	.0060	.0099
3757	Skowhegan	Spring	2.98	2.10	0	0.05	0.95	.0005	0.20	.0035	.0094
3758	Sabattus	Spring	7.39	6.50	0	0.09	0.55	.00025	0	.0009	.0068
3759	Gray	Well	2.40	1.70	0.5	0.04	0.50	.00015	0.01	.0050	.0047
3760	Parkman	Spring	4.47	3.70	1.5	0.15	0.375	.0005	0.035	.0193	.0296
3761	Anson	Well	7.45	2.00	0	0.18	1.575	.025	0.40	.0267	.0099
3762	Foxcroft	Public supply	1.49	1.00	3.5	0.59	0.175	0	0	.0022	.0211
3763	Anson	Well	7.45	3.00	0	0.09	4.05	.0010	1.20	.0014	.0054
3764	Lincoln	Well	5.06	4.50	0	0.02	0.325	.0015	0.55	.0063	.0037

3765	Lincoln	Drilled well	13.41	10.00	0	0.03	0.40	.0002	.025	.0007	.0023
3766	Northfield	Well	2.98	2.00	3.25	0.29	1.10	0	0	.0012	.0133
3767	Sullivan	Public supply	1.49	0.40	0	0.21	0.45	0	0	.0006	.0071
3768	Popham Beach	Well	3.27	0.80	0	0.13	2.15	.00088	0.30	.0470	.0453
3769	Monticello	Well	29.80	20.00	0	0.07	1.50	.0002	0.125	.0022	.0069
3770	Monticello	Well	24.58	20.20	0.2	0.07	1.625	.00015	0.125	.0017	.0062
3771	Vinalhaven	Public supply	1.98	1.00	0.1	0.26	1.40	Trace	0	.0023	.0262
3772	North Jay	Spring	1.63	0.90	0	0.02	0.20	0	0	.0012	.0024
3773	New Vineyard	Well	4.76	4.20	0.1	0.02	0.125	Trace	Trace	.0005	.0038
3774	East Sebago	Spring	2.23	0.50	12.5	2.14	0.325	0	Trace	.0150	.0570
3775	New Sharon	Well	9.53	6.80	0.3	0.02	2.075	.0012	0.70	.0012	.0072
3776	East Sebago	Well	1.98	0.90	0	0.01	0.30	Trace	Trace	.0002	.0048
3777	East Sebago	Spring	1.49	0.80	0	0	0.30	.0001	0.015	.0002	.0023
3778	Rumford Center	Well	2.38	0.80	0	0.02	0.275	.00015	0.045	.0007	.0035
3779	New Sharon	Well	7.74	7.00	0.2	0.12	1.10	.0030	0.125	.0175	.0093
3780	Bar Harbor	Drilled well	2.98	1.00	0.6	0.10	2.20	.0003	0.45	.0012	.0065
3781	New Portland	Well	3.27	0.90	0	0.03	0.15	.0002	0.02	.0022	.0030
3782	Bucksport	Well	10.43	8.80	4.0	0.29	1.10	.0010	Trace	.0850	.0450
3783	Bustin's Island	Well	10.23	7.00	1.75	0.50	7.75	.0060	0.025	.0390	.0302
3784	Berry Mills	Aqueduct from spring	2.23	1.20	0	0.03	0.15	.0002	0.025	.0021	.0027
3785	Sargentville	Spring	2.53	1.30	0.6	0.16	1.10	.0001	0.01	.0062	.0187
3786	Wesley	Well	2.98	1.00	0.1	0.10	0.65	.0005	0.225	.0020	.0135
3787	Wesley	Well	2.08	0.90	0.5	0.10	0.425	.0001	0.0875	.0014	.0053
3788	Fort Fairfield	Spring	20.80	15.80	0	0.09	1.275	0	0.25	.0085	.0119
3789	Kingfield	Well	2.83	1.80	0.1	0.02	0.05	.0001	Trace	.0050	.0004
3790	Corinna	Spring	10.43	8.20	0	0.01	0.475	.0002	0.075	.0023	.0027
3791	Sebago Lake	Spring	3.62	2.80	2.75	0.06	0.25	0	0	.0021	.0054
3792	East Baldwin	Well	4.76	3.70	0	0	0.60	.0002	0.125	.0030	.0053
3793	Corinna	Well	26.56	18.00	0	0.01	1.75	.0003	0.80	.0008	.0078
3794	Squirrel Island	Spring	2.98	1.20	0.1	0.09	1.55	.00015	0.075	.0011	.0065
3795	Flagstaff	Spring	2.83	2.00	0	0	0.05	.0001	0.035	0	.0032
3796	Fort Fairfield	Spring	23.56	15.50	0.5	0.01	0.975	.0002	0.20	.0059	.0034
3797	Eliot	Well	2.98	2.00	0.6	0.04	0.85	.0002	0	.0332	.0080
3798	South Windham	Brook	2.83	1.40	0.75	0.14	0.25	0	0.075	.0019	.0106
3799	Gorham	Spring	5.96	3.70	0	0	0.65	.0004	0	.0005	.0077
3800	East Peru	Well	2.38	1.10	0	0	0.125	Trace	.015	.0002	.0027
3801	Sabattus	Spring	4.91	2.60	3.75	0.01	0.35	0	0	0	.0047
3802	Bath	Well	17.13	12.00	0.5	0.16	1.515	.0007	0.70	.0008	.0187
3803	Rockport	Well	21.60	13.00	0.3	0.16	2.50	.0001	0.25	.0007	.0098
3804	South Portland	Well	2.38	0.50	0.1	0.07	0.50	0	0.30	.0002	.0074
3805	Richmond	Well	10.57	4.00	1.6	0.14	4.625	.001	0.01	.0182	.0072
3806	South Portland	Well	3.47	1.10	0.1	0.10	1.775	.003	0.225	.0086	.0030
3807	Berwick	Well	3.87	1.20	0	0.04	0.60	0	0.12	.0012	.0054

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3808	West Sumner	Well	11.02	6.20	0.6	0.17	0.70	.0006	0.70	.0104	.0130
3809	Foxcroft	Drilled well	19.00	10.00	0.1	0	0.75	.003	0.20	.0048	.0058
3810	Foxcroft	Spring	6.40	4.00	0.2	0.13	0.65	.0002	0.30	.0002	.0106
3811	South Portland	Well	1.78	0.40	0	0	0.55	0	0.05	0	.0038
3812	Farmingdale	Well	2.38	2.00	1.6	0.13	0.55	0	Trace	.0084	.0066
3813	Boothbay Harbor	Spring	1.50	0.80	0	0.04	0.85	.0003	0.02	0	.0070
3814	Brownville	Well	5.30	3.30	0.5	0.13	0.55	.0002	0.17	.0046	.0066
3815	Augusta	Public supply	1.90	0.90	1.4	0.34	0.27	0	0	.0018	.0136
3816	West Peru	Well	5.90	4.50	0	0.09	0.22	.004	0	.0290	.0190
3817	Oakland	Well	7.40	1.10	0.4	0.21	17.50	.006	7.00	.0290	.2658
3818	West Falmouth	Well	2.53	0.40	0	0.03	0.475	0	0.05	.0016	.0042
3819	Hallowell	Public supply	2.53	1.00	1.7	0.64	0.25	0	0	.0036	.0260
3820	Randolph	Well	2.08	1.00	0	0.06	0.17	0	Trace	.0036	.0058
3821	Richmond	Public supply	2.23	1.20	1.7	1.27	0.40	Trace	0	.0022	.0202
3822	Gardiner	Public supply	2.20	0.90	0.8	0.29	0.225	0	0	.0016	.0156
3823	Waterville	Public supply	2.85	1.10	0.6	0.25	0.20	0	0	.0006	.0108
3824	Oakland	Public supply	1.90	0.90	1.7	0.31	0.15	0	0	.0006	.0130
3825	Madison	Public supply	1.90	0.90	1.6	0.48	0.07	0	0	.0008	.0092
3826	Pittsfield	Public supply	2.80	1.40	2.1	0.54	0.10	0	0	.0006	.0094
3827	Kingfield	Public supply	1.95	1.00	0.6	0.16	0.05	0	0	.0006	.0046
3828	Orono	Public supply	1.78	0.20	1.8	0.44	0.25	0	0	.0012	.0162
3829	Dover	Public supply	1.95	1.00	1.8	0.45	0.09	0	0	.0008	.0132
3830	Presque Isle	Drilled well	17.00	14.00	0	0.03	0.925	Trace	0.13	0	.0012
3831	South Windham	Well	2.98	1.50	0	0.04	0.55	0	0.05	.0006	.0016
3832	Wilton	Well	2.38	1.40	0	0.02	0.65	Trace	0.08	.0016	.0022
3833	Hebron	Public supply	1.90	0.50	1.6	0.22	0.15	0	0	.0008	.0218
3834	Wilton	Public supply	2.30	1.60	0.5	0.12	0.09	0	0	.0008	.0080
3835	Davidson	Spring	4.47	3.00	0	0.07	0.45	Trace	0.045	.0028	.0068
3836	Newport	Public supply	2.60	1.40	1.0	0.35	0.25	0	0	.0008	.0146

3837	East Dixfield	Spring	5.50	5.00	0.5	0.05	0.10	.0002	0	.0110	.0012
3838	West Paris	Well	1.49	0.30	0	0.03	0.17	0	0.005	0	.0018
3839	Millinocket	Public supply	1.90	0.60	3.8	0.78	0.04	0	0	.0008	.0112
3840	Rockport	Public supply	1.70	0.20	0.2	0.10	0.39	0	0	.0002	.0062
3841	Old Town	Public supply	1.78	0.20	4.5	1.53	0.05	0	0	.0012	.0188
3842	York Harbor	Well	17.66	3.40	0.1	0.10	10.10	.0015	2.00	.0002	.0052
3843	Orr's Island	Well	3.42	0.20	0.2	0.24	3.73	0	0.15	.0008	.0068
3844	Bar Harbor	Public supply	1.49	0.40	1.4	0.16	0.60	0	0	.0002	.0072
3845	Seal Harbor	Public supply	1.04	0.30	0.7	0.17	0.62	0	0	.0008	.0080
3846	Lubec	Public supply	10.97	4.80	0	0.01	1.35	.0001	0.18	.0004	.0030
3847	Eastport	Public supply	2.20	0.80	1.6	0.38	0.47	0	0	.0010	.0198
3848	Orono	Well	17.62	10.10	0.9	0.10	5.80	.0004	0.80	.0008	.0100
3849	Brewer	Public supply	2.20	0.60	5.5	1.50	0.10	0	0	.0014	.0190
3850	Brewer	Lake	1.04	0.30	0.9	0.26	0.22	0	0	.0014	.0114
3851	Anson	Well	6.10	1.10	0	0.04	1.75	.0003	0.31	.0018	.0060
3852	Anson	Well	5.96	0.90	0	0.05	1.70	.0010	0.69	.0052	.0080
3853	Anson	Well	5.81	1.10	0	0.01	2.40	.0008	0.75	.0008	.0026
3854	Anson	Well	5.36	2.60	0	0.04	0.75	.001	0.07	.0186	.0014
3855	Waldoboro	River	2.63	2.00	3.5	0.52	0.34	Trace	0	.0014	.0222
3856	Anson	Well	2.98	1.70	0	0.04	1.45	.005	0.98	.0394	.0114
3857	Anson	Spring	5.96	5.80	0.1	0.04	1.07	.0003	0.24	.0012	.0044
3858	Waldoboro	Spring	3.10	2.50	0.6	0.09	0.70	.0004	0.14	.0116	.0060
3859	Anson	Well	10.32	4.80	0.1	0.09	5.15	0.02	0.68	.0148	.0086
3860	Anson	Well	5.96	0.60	0.2	0.04	4.92	.0005	1.68	.0046	.0050
3861	Anson	Well	5.36	1.80	0.3	0.04	5.36	.010	0.78	.0138	.0060
3862	Machias	Public supply	1.34	0.40	5.6	0.88	0.20	0	0	.0014	.0182
3863	Calais	Public supply	2.00	1.00	0.4	0.21	0.17	0	0.01	.0014	.0076
3864	Skowhegan	Public supply	2.60	1.10	3.5	0.48	0.40	.0003	0.03	.0006	.0118
3865	Woodland	Public supply	1.49	0.10	3.2	0.69	0.15	0	0	.0026	.0186
3866	Gorham	Public supply	1.49	0.60	0.1	0.18	0.20	.0001	0	.0002	.0094
3867	Norridgewock	Public supply	1.78	0.60	0	0.10	0.35	.0001	0.15	.0012	.0050
3868	Brooks	Public supply	2.90	1.30	0	0.01	0.20	0	0.03	0	.0024
3869	East Sebago	Well	1.90	0.70	0.2	0.01	0.10	0	0.01	.0004	.0038
3870	Portland	Public supply	1.04	1.00	0.3	0.09	0.05	0	0	.0042	.0104
3871	Searsport	Public supply	1.49	0.40	0.4	0.15	0.30	0	0	.0002	.0110
3872	Belfast	Public supply	2.20	0.50	1.9	0.37	0.375	0	0	.0018	.0176
3873	East Sebago	Driven well	2.98	0.40	0	0	0.65	0	0.45	0	.0005
3874	Windham	Well	2.08	0.20	0.1	0.04	0.10	0	0	.0022	.0008
3875	Bath	Public supply	1.19	1.00	1.6	0.34	0.40	0	0	.0008	.0136
3876	Brunswick	Public supply	2.68	0.70	0	0.08	0.45	0	0.02	.0002	.0006
3877	Bath	Public supply	1.04	0.40	1.7	0.44	0.475	0	Trace	.0028	.0266
3878	Turner	Public supply	2.08	1.20	0	0.01	0.10	0	Trace	0	.0012
3879	Saco	Public supply	1.49	0.90	0.3	0.02	0.20	0	0	.0003	.0045

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3880	Anson	Well	4.47	2.00	0	0.02	1.225	0	0.125	0	.0028
3881	Anson	Well	7.94	5.80	0	0	3.825	.0006	0.45	.0018	.0034
3882	Anson	Well	7.74	3.30	0.6	0.02	1.775	.001	0	.0102	.0122
3883	Anson	Well	9.00	3.40	0	0	1.05	0	.035	.0012	.0024
3884	Anson	Well	3.00	1.10	0	0.01	0.35	0	0.06	0	.0022
3885	Bangor	Drilled well	5.96	1.00	7.0	0.22	3.45	.01	0.60	.0880	.1330
3886	Anson	Well	7.45	2.00	0	0.02	7.45	.0007	0.80	.0018	.0060
3887	Warren	Public supply	2.87	3.00	0.3	0.04	0.525	Trace	0	0	.0054
3888	Buckport	Public supply	2.40	0.40	5.0	0.79	0.40	0	0	.0036	.0314
3889	Winter Harbor	Public supply	1.49	0.30	3.8	0.63	0.825	0	0	.0036	.0190
3890	Union	Public supply	3.60	1.50	0.7	0.10	0.60	0	.015	.0002	.0086
3891	South Brewer	Drilled well	29.80	18.60	0.1	0.12	3.775	.008	1.20	.0160	.0114
3892	Lisbon Falls	Public supply	6.80	4.50	0.1	0.04	0.45	.0003	0.01	0	.0016
3893	Rumford	Spring	4.47	3.00	0.2	0	0.225	0	0	0	.0070
3894	Yarmouthville	Public supply	3.30	2.10	0.2	0.03	0.375	.0003	0.10	.0007	.0027
3895	Castine	Public supply	5.20	2.90	0	0.04	0.525	.0003	0.10	.0002	.0024
3896	Winterport	Public supply	7.55	5.60	0.9	0.12	0.375	.0004	.025	.0022	.0054
3897	Bangor	Public supply	2.38	0.90	2.2	1.39	0.175	0	0.02	.0036	.0218
3898	Bridgton	Spring	1.78	0.60	0.1	0.04	0.15	Trace	0.035	.0002	.0058
3899	Bradley	Stream	1.49	0.90	1.7	0.50	0.27	0	0	.0007	.0177
3900	Monmouth	Well	44.31	25.30	0.1	0.17	7.83	.0007	1.25	.0018	.0146
3901	Bridgton	Public supply	1.90	1.60	1.5	0.34	0.175	0	0	.0008	.0166
3902	Presque Isle	Drilled well	17.00	13.50	0	0.05	0.55	0	0.10	.0002	.0040
3903	Dixfield	Public supply	2.95	1.40	3.4	0.51	0.06	0	0	.0022	.0118
3904	Norway	Public supply	1.90	1.00	0.7	0.27	0.075	0	0	.0028	.0136
3905	Presque Isle	Mill pond	10.50	8.90	0.8	0.20	0.57	0	0.07	.0007	.0123
3906	Auburn	Public supply	1.75	1.20	0	0.15	0.20	0	0	.0034	.0110
3907	Ellsworth	Public supply	1.15	0.40	0	0.29	0.27	0	Trace	.0018	.0108
3908	Phillips	Public supply	1.60	1.00	2.4	0.41	0.08	0	0	.0008	.0180

3909	Fryeburg	Public supply	1.60	1.00	1.0	0.13	0.07	Trace	0	.0006	.0060
3910	Livermore Falls	Public supply	1.75	1.30	1.0	0.13	0.12	0	0	.0004	.0148
3911	Boothbay Harbor	Public supply	1.90	0.80	0.9	0.23	0.65	0	0	.0024	.0208
3912	Farmington	Public supply	2.20	1.40	0.2	0.12	0.04	Trace	0	.0008	.0120
3913	Damariscotta	Public supply	1.46	0.40	1.0	0.20	0.45	0	0	.0016	.0176
3914	Rumford Falls	Public supply	4.45	3.00	4.8	0.51	0.35	0	0.03	.0094	.0078
3915	Bangor	Spring	2.95	1.60	0	0.01	0.14	.0003	0.03	0	.0032
3916	Charleston	Drilled well	41.46	39.00	8.0	3.25	11.50	0.12	0.50	3.520	2.908
3917	Greenville	Well	7.42	6.00	5.5	0.06	1.02	.0012	0.02	.0660	.0060
3918	Richmond	Well	8.90	5.00	0	0.03	5.40	0	0.70	.0018	.0042
3919	Bethel	Public supply	1.16	0.80	1.6	0.27	0.04	0	0	.0014	.0032
3920	Friendship	Public supply	2.19	1.30	0	0.01	1.02	Trace	0.06	.0008	.0068
3921	Mechanic Falls	Public supply	1.65	1.10	0.8	0.24	0.25	0	0	.0050	.0140
3922	Lewiston	Public supply	2.00	1.00	0.1	0.12	0.20	0	0	.0018	.0126
3923	Freeport	Spring	1.75	1.00	0	0.03	0.25	0	0	.0010	.0064
3924	Freeport	Spring	2.65	1.90	0	0.01	0.25	Trace	0	0	.0036
3925	Freeport	Well	4.45	4.00	0.2	0.05	0.78	.0005	0.06	.0018	.0072
3926	Freeport	Spring	3.42	2.00	0.8	0.03	0.55	0	0.05	.0012	.0056
3927	Freeport	Spring	2.20	1.30	0.1	0.12	0.40	Trace	0	.0104	.0130
3928	Freeport	Spring	8.90	6.50	0.2	0.02	1.03	.0003	0	.0005	.0041
3929	Danforth	Public supply	11.92	8.60	0.6	0.02	0.60	.0003	0.15	.0002	.0062
3930	Patten	Public supply	10.90	7.90	0	0.01	0.30	0	0.10	0	.0036
3931	East Machias	Spring	2.95	1.90	0.2	0.03	0.375	.0004	0.01	0	.0056
3932	Saco	Well	2.95	2.30	0.2	0.04	1.025	Trace	0.175	.0008	.0046
3933	Strong	Public supply	3.05	1.90	2.7	0.63	0.07	0	0	.0034	.0150
3934	Kennebunk	Public supply	1.90	1.40	3.3	0.50	0.425	0	0	.0012	.0094
3935	Presque Isle	Spring	16.35	12.50	0	0.11	0.875	Trace	0.15	.0016	.0028
3936	Presque Isle	Flowing drilled well	14.95	10.40	0	0	0.525	Trace	0.15	.0007	.0039
3937	Kennebunk	Well	4.75	3.50	0.7	0.10	1.20	Trace	0.03	.0124	.0098
3938	Fort Fairfield	Public supply	14.60	12.20	0.2	0.04	0.15	.0002	0.05	.0062	.0068
3939	East Millinocket	Public supply	8.75	7.10	0.2	0.01	0.15	0	0	0	.0058
3940	Portland	Brook	5.66	3.70	1.1	0.26	2.15	.0008	0.01	.0030	.0164
3941	Portland	Brook	5.10	3.50	1.1	0.28	0.575	0	0	.0016	.0148
3942	Portland	Brook	6.70	4.20	0.9	0.16	2.75	.0012	0.15	.0390	.0092
3943	Kittery	Public supply	1.04	0.60	9.0	0.42	0.60	0	Trace	.0046	.0254
3944	Sanford	Public supply	2.05	1.70	0.1	0.03	0.225	0	0	.0002	.0044
3945	East Wilton	Well	4.02	3.20	0.1	0.04	0.375	.0006	0.125	.0058	.0080
3946	Hebron	Public supply	1.49	1.00	0.4	0.18	0.175	0	0	.0024	.0242
3947	Biddeford	Public supply	1.35	0.80	0.1	0.12	0.20	0	0	.0002	.0074
3948	Canton	Well	7.45	6.50	0.2	0.20	0.725	.003	0.035	.0052	.0152
3949	Berwick	Public supply	2.65	1.10	1.6	0.32	0.35	0	Trace	.0020	.0172
3950	Van Buren	Public supply	5.90	5.00	1.2	0.30	0.10	0	Trace	.0014	.0080
3951	Anson	Well	8.30	7.50	0.1	0.06	0.35	0	0.06	.0040	.0066

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
3952	Anson	Spring	3.05	1.60	0	0.01	0.625	0	0.30	.0034	.0028
3953	Anson	Spring	3.25	2.10	0.3	0.18	0.90	.0001	0.20	.0120	.0108
3954	Anson	Well	6.25	6.00	0	0.03	0.35	0	0	.0006	.0038
3955	Anson	Brook	3.70	3.00	0.7	0.14	0.20	0	0.03	.0002	.0116
3956	Anson	Well	4.45	1.70	0	0	1.20	0	0.40	0	.0030
3957	Anson	Spring	2.95	1.10	1.2	0.19	1.10	.0002	0.125	.0034	.0242
3958	Brewer	Brook	1.15	1.00	1.3	0.23	0.225	0	0	.0016	.0132
3959	Dover	Pond	3.70	2.20	0.7	0.27	0.17	0	0	.0070	.0172
3960	East Madison	Drilled well	60.00	36.00	2.0	0.09	15.50	Trace	0.01	.0496	.0105
3961	Caribou	Public supply	6.50	4.50	1.4	0.37	0.20	Trace	0.02	.0110	.0144
3962	North Berwick	Public supply	2.20	2.00	0.275	0.23	0.275	0	0	.0022	.0064
3963	Dover	Public supply	1.90	1.20	1.2	0.31	0.10	.0002	0	.0018	.0132
3964	Houlton	Public supply	6.20	5.20	0.7	0.19	0.25	0	0.02	.0026	.0080
3965	South Berwick	Public supply	3.55	1.70	6.5	0.27	0.35	0	Trace	.0072	.0140
3966	Springvale	Public supply	2.20	0.20	0	0.03	0.325	Trace	0.01	.0005	.0071
3967	Buckfield	Public supply	1.75	1.00	0.2	0.10	0.125	0	0	.0014	.0134
3968	South Windham	Well	13.51	8.90	0.1	0.12	2.85	0	0.125	.0020	.0128
3969	Brunswick	Well	17.88	9.20	0	0.08	55.45	.003	0	.0006	.0054
3970	Andover	Public supply	1.49	0.90	1.6	0.36	1.49	0	0	.0018	.0068
3971	Milbridge	Public supply	2.53	1.80	0	0	0.60	0	0	.0005	.0020
3972	Dexter	Public supply	3.20	2.00	0.4	0.12	0.125	0	0	.0028	.0126
3973	Milbridge	Drilled well	10.43	6.50	0.5	0.1	37.30	0	0	.0190	.0028
3974	Harrington	Public supply	2.95	2.10	0	0	0.60	0	Trace	.0002	.0020
3975	Harrington	Public supply	3.55	2.40	0	0	0.725	Trace	0.11	.0018	.0004
3976	Winthrop	Lake	2.20	1.90	1.0	0.17	0.225	0	Trace	.0008	.0144
3977	Winthrop	Pond	2.05	1.80	1.5	0.23	0.225	0	0	.0026	.0168
3978	Winthrop	Spring	3.25	2.30	0	0	0.125	0	0.02	.0002	.0028
3979	Winthrop	Public supply	2.20	1.20	1.6	0.65	0.275	0	Trace	.0056	.1268
3980	Mexico	Public supply	2.50	1.70	3.9	0.45	0.175	0	0	.0028	.0126

3981	Southwest Harbor.	Public supply	1.40	1.00	0.4	0.19	0.65	0	0	.0016	.0084
3982	Farmington Falls.	Public supply	2.95	2.40	0	0	0.125	0	Trace	.0006	.0012
3983	Rangeley	Public supply	1.70	0.60	3.7	0.57	0.075	0	0	.0042	.0080
3984	Farmington Falls.	Well.	2.75	2.70	0	0.01	0.125	Trace	0.015	.0002	.0064
3985	Milo	Public supply	1.70	0.90	1.7	0.36	0.10	0	0	.0022	.0146
3986	Stratton	Public supply	3.85	3.00	0	0.09	0.05	0	Trace	.0002	.0046
3987	Kents Hill.	Well.	7.40	5.20	0	0	0.75	0	0.175	.0002	.0020
3988	Portland	Well.	12.66	10.00	2.9	0.05	0.625	0	0.01	.0078	.0078
3989	Cutler	Bored well.	43.21	11.50	1.1	0.12	24.50	.0004	0.02	.0076	.0054
3990	York Village.	Public supply	1.04	0.80	0.9	0.17	0.60	0	0	.0028	.0098
3991	Bingham	Public supply	3.15	1.70	0	0	0.425	Trace	0.20	.0005	.0029
3992	Bingham	Public supply	6.50	4.50	0	0	0.60	0	0.275	.0022	.0106
3993	Bingham	Public supply	3.85	2.70	0.3	0.01	0.15	0	0.03	.0003	.0009
3994	Bingham	Public supply	2.95	1.90	0	0.02	0.275	0	0.02	.0007	.0037
3995	North New Portland.	Public supply	2.75	1.70	0.1	0.06	0.10	.0003	0.04	.0012	.0080
3996	Bridgton	Public supply	1.93	1.30	0.1	0.125	0.17	0	Trace	.0022	.0046
3997	West Sullivan.	Public supply	1.04	1.00	1.0	0.19	0.35	0	0	.0024	.0102
3998	Farmington	Spring	3.12	2.00	0	0.07	0.08	0	0.05	.0004	.0038
3999	South Windham.	Spring	2.84	2.30	0	0.11	0.325	0	0.10	.0002	.0026
4000	Rangeley	Well.	10.43	6.90	0	0.03	1.15	0	0.60	.0008	.0051
4001	Sangerville	Public supply	5.20	3.50	2.2	0.25	0.32	0	0	.0124	.0178
4002	Livermore Falls.	Well.	8.94	6.90	0	0.07	1.02	0	0.015	.0002	.0054
4003	Fairfield.	Spring	8.00	6.20	0	0.03	0.13	.0001	0.015	.0002	.0026
4004	Skowhegan	Well.	23.09	14.10	0.1	0.14	1.00	.0005	0.30	.0002	.0070
4005	Union	Public supply	2.98	1.00	0.2	0.07	0.45	0	0.02	.0012	.0070
4006	Winthrop.	Public supply	4.32	2.30	0	0.06	0.07	0	0.01	.0002	.0040
4007	Winthrop.	Public supply	7.45	5.50	0	0	0.68	0	0.125	.0002	.0030
4008	Winthrop.	Public supply	2.45	1.20	0.1	0.12	0.24	0	Trace	.0005	.0121
4009	Winthrop.	Public supply	1.93	1.00	0.4	0.03	0.275	0	0.015	.0002	.0036
4010	Brownville.	Public supply	4.17	3.50	0.6	0.12	0.25	.0003	0.04	.0026	.0050
4011	Mars Hill.	Drilled well.	12.60	10.10	0	0.01	0.60	.0001	0.20	.0002	.0014
4012	Brownville.	Public supply	2.98	1.80	0	0.01	0.125	0	0.05	0	.0026
4013	Brownville.	Public supply	2.53	2.00	0.2	0.04	0.14	0	0.01	.0008	.0024
4014	Northeast Harbor.	Public supply	1.19	1.00	1.0	0.30	0.70	0	Trace	.0100	.0190
4015	Greenville.	Well.	1.78	1.00	0	0.10	0.125	0	0.03	.0104	.0072
4016	Farmington.	Spring	1.73	1.40	0.1	0.06	0.125	0	0.03	.0007	.0033
4017	Farmington.	Spring	1.78	0.70	0.2	0.07	0.15	0	0	.0009	.0071
4018	Farmington.	Spring	2.95	1.60	0.1	0.02	0.17	0	0.04	.0068	.0040
4019	North Chesterville.	Well.	3.72	3.00	0.1	0.01	0.20	0	0.01	.0007	.0033
4020	Farmington.	Spring	1.90	1.40	0	0	0.13	0	0	.0002	.0044
4021	Cherryfield	Public supply	4.45	3.00	0	0.03	0.54	0	0	.0002	.0018
4022	Anson	Well.	22.80	12.00	0.1	0.11	0.90	.0009	0.05	.0062	.0060
4023	Cherryfield	Public supply	4.74	3.50	0	0.03	0.54	0	0.02	.0002	.0010

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4024	Anson.....	Spring.....	4.47	2.00	0	0.06	4.18	.0009	2.50	.0018	.0078
4025	Phillips.....	Spring.....	2.35	1.00	0	0.09	0.06	0	0.30	.0007	.0053
4026	Anson.....	Well.....	3.25	1.00	0	0.03	0.65	0	0.50	.0016	.0020
4027	Anson.....	Well.....	3.05	1.00	0	0.01	0.57	0	0.60	.0046	.0006
4028	Hallowell.....	Spring.....	10.32	5.40	0.2	0.05	1.75	0	0.20	.0026	.0022
4029	Belfast.....	Well.....	7.45	3.20	0	0.06	1.45	.0003	0.60	.0005	.0070
4030	Orono.....	Well.....	2.98	1.20	0	0.125	0.85	.0012	0.35	.0028	.0075
4031	Augusta.....	Brook.....	5.21	3.00	3.5	0.47	0.325	.0002	0	.0037	.0138
4032	Cumberland.....	Spring.....	2.78	1.30	0	0	0.425	.0003	Trace	.0002	.0033
4033	Foxcroft.....	Drilled well.....	30.54	14.80	0	0	3.00	.0011	1.00	.0017	.0020
4034	Friendship.....	Artesian well.....	14.90	3.00	0.2	0	30.50	.0010	0.50	.0031	.0016
4035	East Madison.....	Well.....	11.17	9.50	0	0.06	0.15	0	0*	.0005	.0072
4036	Anson.....	Well.....	5.96	1.20	0	0.06	0.15	.0003	0.04	.0017	.0051
4037	Anson.....	Spring.....	7.59	1.70	0	0.10	1.40	0.03	0.35	.0165	.0054
4038	Dexter.....	Spring.....	7.45	3.00	0	0	0.275	.0003	0.125	.0060	.0090
4039	Augusta.....	Spring.....	3.40	1.00	0	0	0.60	.0005	0.15	.0042	.0049
4040	Canton.....	Lake.....	3.12	0.30	1.25	0.27	0.20	.0004	Trace	.0030	.0169
4041	Foxcroft.....	Driven well.....	14.90	6.80	0.1	0	1.325	.002	0.30	.0094	.0026
4042	Portland.....	Public supply.....	1.49	0.60	0.3	0.18	0.15	0	Trace	.0008	.0090
4043	Portland.....	Public supply.....	1.49	0.50	0.3	0.17	0.15	0	Trace	.0016	.0090
4044	Scarboro Beach.....	Brook.....	5.65	0.90	0	0.03	2.25	.0008	0.50	.0360	.0210
4045	West Paris.....	Spring.....	3.00	1.00	0.1	0	0.05	0	0.015	.0004	.0036
4046	West Paris.....	Spring.....	2.00	0.50	0	0	0.05	Trace	0.035	.0006	.0030
4047	West Paris.....	Spring.....	2.95	1.10	0	0.07	0.025	0	Trace	.0014	.0022
4048	West Paris.....	Well.....	6.10	1.30	0	0	1.50	.0002	0.15	.0014	.0026
4049	Benton.....	Well.....	21.00	13.20	0.4	0.03	0.425	Trace	0	.0002	.0126
4050	Greenville.....	Well.....	2.40	0.60	0.3	0.09	0.125	0	0.015	.0016	.0060
4051	Islesford.....	Well.....	28.60	4.30	1.2	0.41	11.00	0	0.70	.0056	.0284
4052	Swan's Island.....	Well.....	5.81	0.20	0.1	0.12	14.50	0	0.60	.0018	.0098

4053	Bigelow	Well	3.85	1.20	0.3	0.10	0.125	Trace	Trace	.0002	.0050
4054	Swan's Island	Well	5.05	0.40	0.3	0.25	1.55	Trace	0.60	.0018	.0120
4055	Swan's Island	Well	3.25	1.70	0.4	0.10	1.57	0	0.02	.0024	.0072
4056	Swan's Island	Well	17.13	1.60	6.5	1.10	13.00	.004	0.70	.0444	.0516
4057	Cutler	Well	6.85	1.00	3.6	0.25	2.275	.0002	0.05	.0022	.0184
4058	Bridgton	Well	3.85	1.60	0	0.05	0.30	.0001	0.045	.0006	.0064
4059	Vinalhaven	Pond	2.95	0.70	1.7	0.49	1.15	0	0.01	.0050	.0282
4060	Sebasco	Spring	1.75	1.40	0.10	0.03	1.425	0	0.08	.0004	.0040
4061	Lincoln	Springs	1.45	0.60	0.3	0.26	0.175	0	0	.0012	.0130
4062	South Paris	Public supply	2.95	1.10	0.6	0.21	0.20	.0004	0.01	.0007	.0095
4063	Bangor	Well	24.00	13.00	0	0.05	4.00	.006	1.00	.0078	.0078
4064	Dover	Public supply	2.95	1.70	1.7	0.34	0.20	0	0.02	.0022	.0132
4065	Lincoln	Spring	3.35	2.50	0	0	0.175	Trace	0.01	.0002	.0020
4066	Anson	Spring	4.45	1.20	0	0	1.20	.0012	0.90	.0012	.0040
4067	Skowhegan	Well	23.00	15.10	0	0	0.60	.0005	0.125	.0004	.0054
4068	Anson	Well	7.40	2.10	0.1	0	1.75	.004	1.10	.0052	.0036
4069	Farmington	Well	3.40	2.00	0	0	0.25	0	0.045	.0002	.0030
4070	Hebron	Public supply	1.60	0.40	1.6	0.21	0.25	Trace	0	.0036	.0288
4071	Kingfield	Brook	2.05	1.20	0.2	0.13	0.17	0	0	.0002	.0074
4072	Waterville	Well	21.70	4.20	0	0.07	2.90	.0004	0.70	.0002	.0052
4073	Machias	Well	5.30	1.10	0	0.03	1.85	0	0.80	.0007	.0045
4074	Caribou	Drilled well	29.00	16.10	0.3	0.09	3.45	0	0.60	.0012	.0040
4075	East Dixfield	Well	2.05	1.20	0	0.07	0.20	0	0.025	.0007	.0057
4076	Brunswick	Well	2.80	1.30	0.1	0.09	0.90	0	0.025	.0017	.0059
4077	Fort Fairfield	Well	22.05	18.10	0.3	0.12	0.90	.0007	0.30	.0022	.0074
4078	National Soldiers' Home	Brook	4.00	1.40	4.6	0.92	0.50	0	Trace	.0084	.0436
4079	Boothbay Harbor	Cistern	4.90	4.00	5.5	1.50	0.60	.0003	0.10	.0250	.0970
4080	Danville	Spring	13.40	6.10	0	0.26	3.85	Trace	1.25	.0007	.0069
4081	North Waterford	Spring	1.26	0.70	0.4	0.09	0.20	0	0	.0034	.0084
4082	Bangor	Well	14.70	9.80	0.1	0.02	2.70	0	0.015	.0007	.0047
4083	North Waterford	Spring	2.80	0.80	3.4	0.37	0.20	0	Trace	.0190	.0254
4084	Caribou	Public supply	5.60	3.00	3.1	0.97	0.30	0	0.0175	.0030	.0180
4085	Caribou	Public supply	5.60	2.50	3.2	0.98	0.30	0	0.0175	.0038	.0242
4086	Bar Harbor	Well	5.30	2.00	0.2	0.16	6.45	Trace	0.03	.0072	.0122
4087	Biddeford	Well	13.30	8.90	0.7	0.24	1.95	0	Trace	.0054	.0152
4088	Mercer	Well	3.64	1.40	0.1	0.09	0.45	0	0.20	.0080	.0090
4089	Topsham	Well	4.90	3.20	0	0.08	1.65	.0015	0.35	.0030	.0124
4090	Mt. Desert Ferry	Well	8.35	5.10	0.1	0.16	1.775	.0003	0.10	.0002	.0054
4091	Dexter	Public supply	2.20	1.00	0.2	0.23	0.17	0	Trace	.0030	.0120
4092	Pittsfield	Public supply	2.50	1.30	1.6	0.61	0.175	0	Trace	.0034	.0242
4093	Norridgewock	Public supply	2.50	0.90	1.1	0.18	0.15	.0001	0.075	.0074	.0054
4094	Old Town	Public supply	2.60	0.30	4.7	1.50	0.175	0	Trace	.0030	.0270
4095	Augusta	Public supply	2.00	0.40	1.2	0.32	0.20	0	Trace	.0018	.0192

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4096	Gardiner.....	Public supply.....	2.10	0.70	0.9	0.34	0.32	0	Trace	.0036	.0174
4097	Richmond.....	Public supply.....	3.50	0.90	1.5	1.36	2.775	0	Trace	.0036	.0146
4098	Newport.....	Public supply.....	4.75	2.70	1.6	0.56	0.275	0	0.10	.0038	.0178
4099	Norridgewock.....	??.....	1.50	1.30	0	0.70	0.425	Trace	0.04	.0070	.0088
4100	Brewer.....	Pond.....	1.40	0.20	0.6	0.30	0.32	0	Trace	.0034	.0120
4101	Brewer.....	Stream.....	1.95	0.50	2.7	0.65	0.25	0	0.01	.0030	.0234
4102	Brewer.....	Public supply.....	2.80	0.60	4.2	1.59	0.20	Trace	Trace	.0056	.0166
4103	Bangor.....	Public supply.....	2.10	0.30	0.8	0.99	0.15	0	Trace	.0072	.0084
4104	Danforth.....	Public supply.....	3.50	1.00	3.3	0.77	0.20	0	0.06	.0038	.0152
4105	Berwick.....	Well.....	8.65	2.30	0.2	0.02	7.00	.002	2.50	.0058	.0030
4106	Madison.....	Public supply.....	2.40	0.30	1.6	0.49	0.125	0	Trace	.0054	.0090
4107	Skowhegan.....	Public supply.....	1.80	0.50	1.7	0.41	0.35	0	0.06	.0028	.0092
4108	Kingfield.....	Public supply.....	2.10	0.50	0.6	0.27	0.12	0	0.01	.0018	.0116
4109	Wilton.....	Public supply.....	2.50	1.30	0.5	0.15	0.15	Trace	Trace	.0034	.0086
4010	Bingham.....	Public supply.....	4.50	1.20	0	0.08	0.50	0	0.15	0	.0032
4111	Bingham.....	Public supply.....	4.40	2.30	0	0.03	0.25	0	0.03	.0012	.0016
4112	Bingham.....	Public supply.....	3.50	1.50	1.7	0.53	0.30	Trace	0.04	.0072	.0162
4113	Bingham.....	Public supply.....	4.60	4.00	0.2	0.06	0.525	Trace	0.20	0	.0044
4114	Waterville.....	Public supply.....	2.20	1.00	0.2	0.21	0.30	0	0	.0028	.0114
4115	Oakland.....	Public supply.....	1.65	0.70	0.3	0.28	0.25	0	0	.0036	.0108
4116	Bowdoinham.....	Well.....	16.10	8.10	6.0	1.11	8.50	.005	1.50	.0140	.0600
4117	Swan's Island.....	Spring.....	2.80	0.30	7.8	1.65	4.30	0	Trace	.0130	.0416
4118	Winthrop.....	Public supply.....	7.00	5.40	0.2	0.12	0.67	0	0.10	.0036	.0052
4119	Winthrop.....	Public supply.....	2.60	1.30	0	0.11	0.32	Trace	0.03	.0032	.0056
4120	Winthrop.....	Public supply.....	3.00	1.20	2.5	0.26	0.50	0	0.05	.0018	.0136
4121	Winthrop.....	Public supply.....	2.90	1.70	0.5	0.21	0.22	0	0.02	.0018	.0104
4122	Millinocket.....	Public supply.....	1.80	0.20	3.7	0.87	0.05	0	0	.0054	.0140
4123	Milo.....	Public supply.....	1.50	0.40	1.8	0.66	0.13	0	Trace	.0036	.0152
4124	Castine.....	Public supply.....	5.75	1.00	1.8	0.45	0.68	0	0.12	.0044	.0194

4125	Brewer	Drilled well	21.70	13.00	0	0	3.78	.005	0.40	.0028	.0018
4126	Hallowell	Public supply	2.80	0.50	2.2	0.51	0.37	0	0.02	.0056	.0206
4127	Farmington Falls	Well	4.60	3.50	0	0	0.10	.0003	Trace	.0026	.0030
4128	Bucksport	Public supply	2.80	0.60	5.5	1.01	0.42	0	0.02	.0070	.0248
4129	Orono	Public supply	1.95	0.60	3.3	0.68	0.25	0	0	.0070	.0166
4130	Lubec	Public supply	6.00	4.10	0.5	0.04	1.55	Trace	0.15	.0010	.0042
4131	Woodland	Well	3.60	3.00	0	0	0.43	0	0	.0012	.0012
4132	Brooks	Public supply	2.80	1.40	0.1	0.01	0.28	0	0.01	.0034	.0008
4133	Woodland	Public supply	1.80	0.80	6.2	1.08	0.22	0	0	.0056	.0214
4134	Searsport	Public supply	1.80	1.30	0.1	0.12	0.30	0	0	.0034	.0124
4135	Orono	Well	8.40	5.80	0	0.08	3.20	0	0.35	.0034	.0086
4136	Dover	Public supply	3.20	0.70	3.7	0.74	0.15	0	0.015	.0032	.0150
4137	Camden	Public supply	1.10	0.40	0.9	0.16	0.45	0	0	.0022	.0092
4138	Winterport	Public supply	4.20	2.50	1.3	0.18	0.40	0	0.04	.0036	.0094
4139	Warren	Public supply	3.20	1.90	0.2	0.04	0.50	Trace	0.03	.0004	.0058
4140	Calais	Public supply	2.10	0.60	1.2	0.37	0.23	0	0.03	.0008	.0072
4141	Machias	Public supply	1.40	0.20	9.8	1.72	0.33	0	Trace	.0056	.0186
4142	Friendship	Public supply	2.50	0.80	0.3	0.02	1.33	Trace	0.15	.0026	.0042
4143	Winter Harbor	Public supply	1.40	0.40	3.7	0.75	0.88	0	Trace	.0080	.0156
4144	Ellsworth	Public supply	1.25	0.50	1.8	0.56	0.34	0	0	.0036	.0120
4145	East Millinocket	Public supply	8.70	7.70	0	0	0.20	0	0	0	.0022
4146	Union	Public supply	3.05	1.50	0.6	0.11	0.53	Trace	0.02	.0046	.0074
4147	Seal Harbor	Public supply	1.50	0.40	0.3	0.17	0.68	0	0	.0036	.0070
4148	Farmington Falls	Public supply	2.35	1.70	0	0.02	0.13	0	0.01	.0028	.0042
4149	Jorham	Public supply	1.50	0.40	0.2	0.22	0.20	0	0	.0022	.0088
4150	Waldoboro	Public supply	3.05	0.80	2.5	0.64	0.45	0	0.15	.0044	.0192
4151	Andover	Public supply	1.80	0.40	1.8	0.36	0.10	0	0	.0022	.0110
4152	Milbridge	Public supply	1.95	0.90	0	0	0.60	0	0	.0004	.0024
4153	Gardiner	Public supply	2.95	1.10	1.6	0.52	0.44	0	0.02	.0070	.0204
4154	Cornish	Spring	2.10	1.00	0	0.03	0.23	0	Trace	.0016	.0108
4155	Pittsfield	Well	7.70	4.20	0	0.25	1.08	Trace	0.25	.0002	.0032
4156	Eastport	Public supply	2.20	0.70	1.3	0.39	0.50	0	0	.0032	.0164
4157	Strickland	Spring	4.60	2.00	0.2	0	1.43	.0008	0.40	.0018	.0056
4158	Mexico	Public supply	1.65	0.90	1.5	0.27	0.22	0	0.017	.0056	.0062
4159	Portland	Public supply	1.65	0.30	0.6	0.16	0.15	0	0	.0012	.0080
4160	Farmington Falls	Springs	1.80	1.00	0	0	0.13	0	0.08	.0005	.0057
4161	Damariscotta	Public supply	1.95	0.30	1.5	0.25	0.45	0	0	.0014	.0164
4162	Auburn	Public supply	2.20	0.70	0.1	0.12	0.25	0	0	.0024	.0096
4163	Bath	Public supply	2.35	0.60	1.5	0.47	0.50	0	0	.0034	.0156
4164	Bath	Public supply	1.80	0.30	4.9	1.00	0.59	0	0	.0100	.0114
4165	Phillips	Public supply	2.20	0.40	1.6	0.46	0.10	0	0	.0050	.0104
4166	Lewiston	Public supply	2.10	1.00	0.2	0.12	0.25	0	0	.0018	.0112

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4167	Yarmouthville	Public supply	3.60	1.30	0	0	0.54	0	0.15	.0008	.0054
4168	Berwick	Spring	2.95	1.60	0	0	0.47	0	0.055	.0018	.0024
4169	Berwick	Spring	4.20	2.00	1.6	0	0.52	0	0.03	.0007	.0019
4170	Boothbay Harbor	Public supply	2.35	0.50	1.4	0.33	0.77	0	0	.0054	.0148
4171	Rumford	Public supply	5.15	1.80	2.4	0.56	0.47	0	0.035	.0018	.0058
4172	Brunswick	Public supply	2.38	1.10	0	0	0.55	0	0.02	.0002	.0020
4173	Mechanic Falls	Public supply	2.85	1.10	1.1	0.34	0.40	0	Trace	.0036	.0128
4174	Lisbon Falls	Public supply	5.60	4.00	0.1	0	0.43	0	.012	.0002	.0016
4175	Harrington	Public supply	3.05	1.60	0	0.04	0.52	.0003	0	.0002	.0020
4176	Harrington	Public supply	3.95	2.00	0	0	0.70	0	0.07	.0008	.0018
4177	Sangerville	Public supply	4.40	3.00	0.4	0.26	0.17	0	0	.0220	.0134
4178	Bar Harbor	Public supply	1.40	0.40	0.2	0.26	0.60	0	0	.0004	.0084
4179	Caribou	Well	24.50	14.40	0.3	0.05	2.23	.0008	0.65	.0007	.0070
4180	Rangely	Public supply	2.10	0.30	1.8	0.40	0.10	0	0.01	.0054	.0066
4181	Livermore Falls	Public supply	1.50	0.50	0.2	0.15	0.20	0	0	.0034	.0130
4182	Bangor	Drilled well	24.10	11.90	0	0.06	3.15	.0002	0.30	.0007	.0030
4183	North New Portland	Public supply	2.38	1.00	0	0.09	0.07	.0003	0.04	.0002	.0046
4184	Kezar Falls	Public supply	3.30	1.40	0.1	0.09	0.15	.0002	0	.0026	.0024
4185	Wiscasset	Brook	2.50	0.40	1.6	0.40	0.62	Trace	0.02	.0092	.0198
4186	Wiscasset	Brook	1.96	0.80	1.6	0.27	0.63	Trace	0.02	.0114	.0158
4187	Bridgton	Public supply	1.50	0.40	1.4	0.30	0.17	0	0	.0024	.0150
4188	Solon	Drilled well	7.40	5.60	0	0	1.0	.0012	0.15	.0022	.0054
4189	Peak's Island	Spring	9.95	4.40	0	0	2.35	.0003	0.35	.0005	.0067
4190	Wiscasset	Brook	1.50	0.30	7.5	1.52	0.56	0	0.02	.0096	.0260
4191	Sanford	Public supply	2.20	1.00	0	0	0.29	Trace	0.01	.0002	.0024
4192	Farmington	Public supply	2.20	1.40	0.1	0.10	0.05	Trace	0	.0024	.0090
4193	Brewer	Pond	1.50	0.60	1.2	0.56	0.37	0	0	.0180	.0284
4194	Sabatatus	Well	5.30	4.00	0.2	0	1.20	0	0.40	.0005	.0037
4195	South Berwick	Public supply	4.20	0.70	4.8	0.85	0.50	0	0.02	.0070	.0232

4196	Biddeford	Public supply	1.50	0.60	0.1	0.12	0.15	0	Trace	.0016	.0080
4197	North Berwick	Public supply	2.35	1.10	0.2	0.05	0.25	0	0	.0007	.0039
4198	Hebron	Public supply	1.80	1.00	0.1	0.12	0.20	0	0	.0064	.0194
4199	Fryeburg	Public supply	1.50	0.30	0.5	0.05	0.14	0	0.03	.0014	.0028
4200	Northeast Harbor	Public supply	1.40	0.30	1.0	0.36	0.72	0	0	.0016	.0138
4201	Berwick	Public supply	3.90	1.00	1.6	0.40	0.44	0	0.03	.0034	.0140
4202	Dixfield	Public supply	2.20	1.20	1.0	0.31	0.11	0	Trace	.0054	.0050
4203	Patten	Public supply	7.45	5.40	0	0	0.28	0	0.10	.0002	.0024
4204	Buckfield	Public supply	1.80	1.20	0.2	0.13	0.17	0	0	.0032	.0142
4205	Kittery	Public supply	1.65	0.40	5.0	0.40	0.67	.0001	0.01	.0214	.0248
4206	Norway	Public supply	2.20	2.00	0.6	0.24	0.20	0	0	.0022	.0132
4207	East Livermore	Public supply	12.60	4.50	1.7	0.64	12.35	.002	2.00	.0780	.0800
4208	Kennebunk	Public supply	1.40	0.90	1.3	0.27	0.49	0	0	.0034	.0052
4209	Springvale	Public supply	3.10	1.20	0	0.05	0.35	0	0	.0007	.0045
4210	East Livermore	Well	9.80	4.00	0	0.11	10.65	.0003	0.70	.0022	.0046
4211	Van Buren	Public supply	6.30	5.10	0.2	0.13	0.09	0	0.02	.0002	.0044
4212	Caribou	Public supply	4.60	2.50	2.5	0.64	0.17	0	0.02	.0046	.0108
4213	Presque Isle	Public supply	17.50	12.50	0.2	0.07	0.67	.0003	0.30	.0030	.0060
4214	Winthrop	Well	2.35	1.30	0	0	1.13	0	0.25	.0036	.0012
4215	Gardiner	Well	12.40	5.20	0.2	0.01	4.35	0	1.50	.0002	.0042
4216	Boothbay Harbor	Public supply	1.12	0.90	1.0	0.28	0.73	0	Trace	.0034	.0170
4217	South Paris	Public supply	2.35	0.70	0	0	0.05	0	0.01	0	.0022
4218	Bethel	Public supply	2.00	0.79	0.1	0.12	0.05	0	0	.0003	.0051
4219	Houlton	Public supply	5.74	2.00	1.6	0.41	0.22	0	0.04	.0030	.0080
4220	Fort Fairfield	Public supply	13.00	11.40	0.2	0.10	0.16	Trace	0.07	.0034	.0042
4221	Strong	Public supply	3.40	0.70	4.2	0.94	0.12	0	0.02	.0054	.0200
4222	Southwest Harbor	Public supply	1.40	0.30	1.3	0.22	0.69	0	0	.0018	.0096
4223	York Village	Public supply	1.26	0.40	0.6	0.13	0.60	0	0	.0020	.0086
4224	Stratton	Public supply	3.00	2.10	0.1	0.05	0.06	0	0	0	.0042
4225	Cherryfield	Public supply	4.20	2.30	0	0.11	0.48	.0003	0.015	.0020	.0042
4226	Cherryfield	Public supply	4.05	3.00	0	0.07	0.48	0	0.01	.0018	.0026
4227	Rockwood	Lake	1.65	0.30	1.8	0.72	0.10	Trace	0	.0036	.0170
4228	Bangor	Artesian well	21.70	16.50	0.2	0.01	4.60	.0006	0.90	.0010	.0030
4229	Bangor	Artesian well	15.10	13.30	0	0.02	1.08	0	0	.0052	.0048
4230	Livermore Falls	Well	8.65	3.60	0	0.03	2.83	Trace	0.80	.0007	.0065
4231	Rangeley	Well	5.15	0.50	0	0.07	1.75	Trace	0.15	.0012	.0030
4232	Stonington	Public supply	2.10	0.40	9.6	1.83	1.43	0	0.01	.0104	.0510
4233	Farmington	Spring	2.80	0.80	0.2	0.01	0.25	0	0.10	0	.0020
4234	Brewer	Pond	1.30	0.20	1.3	0.35	0.28	0	0	.0034	.0122
4235	China	Well	8.40	2.50	0.6	0.11	1.53	.004	1.00	.0070	.0166
4236	Warren	Well	4.20	0.50	0.6	0.12	0.40	.01	0.35	.0104	.0202
4237	Rumford Point	Well	1.50	1.00	0	0.04	0.10	0	0.01	.0002	.0040
4238	Farmington	Well	2.10	1.40	0	0.04	0.20	0	0.01	0	.0022

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4239	Kennebunk	Well	4.90	2.30	0	0.03	1.25	Trace	0.03	.0012	.0050
4240	Hallowell	Well	9.80	3.00	0.2	0.09	2.75	0	0.17	.0002	.0086
4241	Presque Isle	Drilled well	11.20	5.00	0	0.03	0.85	Trace	0.35	.0012	.0010
4242	Dixfield	Spring	1.95	0.50	0	0	0.14	0	0.01	0	.0012
4243	Vinalhaven	Public supply	2.10	0.60	0.6	0.30	1.50	0	0	0.166	.0218
4244	Strong	Well	6.80	4.30	0.1	0.04	0.27	.0005	.025	.0017	.0083
4245	Mercer	Well	2.65	2.00	0.1	0.03	0.18	Trace	.012	.0027	.0035
4246	Fryeburg	Spring	1.65	0.60	0	0.02	0.20	0	0.06	.0002	.0034
4247	Jefferson	Spring	2.95	2.00	0	0.01	0.37	0	0.02	.0002	.0034
4248	Monticello	Well	30.00	20.10	0.1	0.06	1.71	Trace	0.60	.0007	.0035
4249	Skowhegan	Drilled well	7.25	4.20	0.1	0.01	0.78	.002	0.04	.0017	.0049
4250	Brownville	Public supply	2.90	1.60	0	0.01	0.27	0	.025	.0007	.0030
4251	Brownville	Public supply	2.20	1.60	0	0.07	0.10	0	0.025	.0014	.0014
4252	Brownville	Public supply	2.55	1.30	1.6	0.43	0.28	0	0.04	.0034	.0120
4253	Hebron	Public supply	1.80	1.00	0.1	0.12	0.22	0	0	.0070	.0184
4254	South Portland	Well	1.65	0.50	0	0	0.57	0	0.04	.0008	.0024
4255	South Portland	Well	5.50	2.30	0	0.02	3.77	.002	0.90	.0370	.0084
4256	South Portland	Well	1.80	0.80	0.2	0	0.48	Trace	0.30	.0007	.0069
4257	Eliot	Springs	2.20	1.40	0	0.01	0.57	.0002	0.05	.0054	.0066
4258	Wiscasset	Pond	2.35	1.00	1.7	0.12	0.64	0	0.02	.0160	.0254
4259	Wiscasset	Pond	1.40	0.40	9.2	1.59	0.52	0	0	.0066	.0444
4260	Wiscasset	Pond	1.80	0.90	1.6	0.35	0.62	0	0.02	.0070	.0440
4261	Foxcroft	Drilled well	14.60	7.80	0	0	1.50	0	0.60	0	.0036
4262	Dover	Public supply	3.30	1.60	1.5	0.41	0.12	0	.015	.0036	.0104
4263	Stonington	Spring	2.10	1.20	0	0.01	1.20	0	0.045	0	.0076
4264	Mt. Vernon	Well	5.30	2.60	0	0.01	1.00	0	0.35	.0026	.0042
4265	Windham	Well	3.50	2.00	0.2	0.02	0.25	0	0	.0002	.0040
4266	West Kennebunk	Well	3.75	2.20	1.4	0.40	0.50	.0005	0.03	.0106	.0130
4267	West Kennebunk	Well	26.30	16.60	0	0.02	1.57	0	0.225	.0002	.0046

4268	West Paris	Spring	2.30	1.20	0	0	0.15	0	0	.0012	.0034
4269	Brownfield	Well	4.06	0.60	0	0	2.38	.003	1.25	.0036	.0060
4270	Island Falls	Stream	5.40	3.70	1.7	0.43	0.22	0	0.025	.0062	.0142
4271	Farmington	Spring	4.50	3.10	0	0.02	0.15	0	0.02	0	.0036
4272	Bangor	Drilled well	14.50	11.50	0	0.01	1.53	.0003	Trace	.0036	.0040
4273	Waterville	Spring	2.00	1.30	0	0	0.05	0	0	0	.0020
4274	Waterville	Public supply	2.95	2.60	0.3	0.11	0.21	.0007	0.035	.0012	.0044
4275	Livermore Falls	Well	1.50	0.70	0.1	0.08	0.20	Trace	Trace	.0036	.0122
4276	Farmington	Well	3.22	1.30	0	0.01	0.32	Trace	0.175	.0002	.0034
4277	East Dixfield	Well	3.10	2.30	0	0	0.11	0	0.02	.0034	.0004
4278	Brownfield	Well	2.95	1.20	0	0	0.27	0	0.10	0	.0034
4279	East Dixfield	Spring	1.40	0.70	0.9	0.25	0.14	0	0.015	.0012	.0058
4280	Presque Isle	Public supply	17.00	13.00	0.3	0.10	0.60	.0015	0.125	.0074	.0062
4281	Presque Isle	Mill Pond	7.90	6.40	1.7	0.28	0.30	0	0.04	.0054	.0170
4282	Cumberland Center	Spring	3.05	1.50	0	0.03	0.38	0	0.07	0	.0046
4283	Rumford	Brook	1.85	0.90	0.5	0.12	0.08	0	0	0	.0070
4284	China	Well	8.12	7.00	0.1	0.01	0.32	0	0.045	.0012	.0034
4285	Foxcroft	Spring	7.55	6.50	0	0.02	0.12	0	0.06	.0002	.0030
4286	Mt. Vernon	Well	2.90	2.20	0	0.06	0.15	.0003	0.04	.0007	.0079
4287	Lisbon Center	Well	7.55	3.00	0	0	1.30	.0001	0.50	.0012	.0010
4288	North Bridgton	Spring	2.20	1.50	0	0	0.15	.0001	0.03	.0062	.0030
4289	North Anson	Drilled well	2.35	0.60	0.3	0.03	0.23	0	0.075	.0004	.0028
4290	Brewer	Brook	8.95	4.20	0	0.02	2.20	.0008	0.35	.0005	.0041
4291	Lincoln	Well	5.60	2.10	0	0.03	1.85	.004	1.00	.0116	.0050
4292	Island Falls	Spring	4.20	2.50	0.6	0.21	0.17	0	0.035	.0026	.0064
4293	Augusta	Public supply	6.40	5.10	0.1	0.02	0.27	0	0.04	.0002	.0034
4294	West Sullivan	Spring	8.00	6.50	0.7	0.20	0.63	Trace	Trace	.0070	.0134
4295	Patten	Well	8.70	6.00	0	0.05	0.40	.0003	0.25	.0060	.0036
4296	Farmington	Spring	2.50	1.50	0	0.08	0.10	0	0.035	.0010	.0030
4297	Hallowell	Spring	2.20	0.90	0.7	0.22	0.42	0	0.02	.0032	.0068
4298	West Paris	Spring	2.50	1.40	0.3	0.13	0.22	0	0.03	.0032	.0028
4299	Belgrade Lakes	Spring	6.00	2.70	0.1	0.01	0.60	0	0.50	.0004	.0050
4300	Foxcroft	Well	16.10	8.20	0	0.02	2.76	.003	1.00	.0320	.0026
4301	Topsham	Drilled well	3.60	1.00	0	0.01	1.57	0	0.55	.0002	.0034
4302	Dover	Well	1.68	0.90	1.8	0.53	0.13	0	0	.0264	.0186
4303	Dover	Pond	2.00	1.00	1.0	0.46	0.14	0	0	.0250	.0170
4304	St. Albans	Well	8.40	5.50	0	0.04	8.27	.0015	0.11	.0054	.0052
4305	Hebron	Public supply	2.00	0.30	0.3	0.16	0.23	0	0.015	.0060	.0224
4306	Livermore Falls	Well	3.85	2.00	0	0.02	0.18	0	0.06	.0002	.0034
4307	Livermore Falls	Spring	5.60	3.10	0	0	0.20	0	0.02	.0005	.0047
4308	Brownfield	Well	2.80	0.90	0	0.01	0.13	0	0.015	.0012	.0034
4309	Camden	Well	3.20	1.20	0.3	0.01	1.53	0	0.175	.0007	.0099
4310	Dover	Public supply	2.90	1.30	1.6	0.43	0.14	0	0.015	.0042	.0126

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4311	Anson	Well	7.10	5.00	0	0.03	0.33	.0007	0.05	.0018	.0070
4312	Madison	Spring	4.60	3.00	0	0	0.25	0	0.02	.0002	.0022
4313	Anson	Well	2.20	1.40	0	0	0.10	0	0.025	0	.0022
4314	Old Town	Artesian well	9.30	5.50	0.2	0.03	1.50	.0015	0.45	.0026	.0040
4315	Livermore Falls	Spring	2.65	0.50	0	0	0.21	0	0.025	.0007	.0045
4316	Madison	Spring	1.40	0.30	0	0.02	0.13	0	0.10	.0007	.0029
4317	East Dixfield	Well	2.65	0.50	0	0.01	1.02	0	0.125	.0002	.0044
4318	Bryant Pond	Spring	2.00	1.00	0	0	0.17	0	0.02	.0005	.0017
4319	Bryant Pond	Spring	1.90	1.00	0	0	0.17	0	0.02	.0003	.0019
4320	Lincoln	Spring	7.80	5.10	0	0.05	1.07	.0012	0.30	.0007	.0045
4321	Madison	Well	4.45	0.70	0	0	1.80	0	1.00	.0002	.0050
4322	Readfield Depot	Well	3.50	2.40	0	0.02	0.12	0	0.02	.0022	.0020
4323	Wilton	Well	8.40	1.30	0.1	0.05	5.20	Trace	1.50	.0018	.0044
4324	Oxford	Pond	1.40	0.80	0.4	0.30	0.17	0	Trace	.0022	.0120
4325	Canton	Well	2.10	1.20	0.1	0.05	0.55	0	0.022	.0018	.0034
4326	Augusta	Public supply	2.50	1.50	0.9	0.29	0.27	Trace	0.01	.0028	.0206
4327	Dexter	Public supply	2.60	0.70	0.2	0.23	0.18	Trace	0	.0007	.0107
4328	Richmond	Public supply	3.60	0.60	1.3	1.35	1.22	0	0.02	.0054	.0138
4329	Newport	Public supply	3.75	*	3.5	0.98	0.26	0	0.055	.0018	.0242
4330	Gardiner	Public supply	1.80	0.40	1.4	0.40	0.21	0	0	.0018	.0236
4331	Pittsfield	Public supply	2.60	0.80	1.7	0.52	0.23	Trace	0.02	.0064	.0232
4332	Oakland	Drilled well	11.90	5.50	0	0	1.38	0	0.10	.0005	.0071
4333	Old Town	Public supply	2.10	0.20	2.4	1.43	0.11	0	0	.0056	.0118
4334	Waterville	Public supply	2.30	0.30	0.1	0.21	0.21	Trace	0	.0018	.0136
4335	Winthrop	Public supply	3.40	0.30	0.6	0.14	0.55	0	0.055	.0002	.0086
4336	Winthrop	Public supply	2.20	1.70	0	0.02	0.24	0	0.015	.0012	.0018
4337	Winthrop	Public supply	2.10	1.20	0.1	0.13	0.27	0	0.02	.0012	.0074
4338	Winthrop	Public supply	3.30	2.00	0.3	0.15	0.15	0	0.02	.0002	.0084
4339	Hallowell	Public supply	1.40	0.20	1.3	0.43	0.27	0	0	.0007	.0137

4340	Bryant Pond	Well	1.95	1.00	0	0.09	0.10	0	0.04	.0004	.0032
4341	Machias	Public supply	1.50	0.40	1.7	0.63	0.17	0	0.02	.0028	.0106
4342	Wiscasset	Pond	2.20	0.40	1.4	0.53	2.90	0	0	.0042	.0258
4343	Livermore Falls	Spring	5.70	4.30	0	0.01	0.27	0	0.02	.0002	.0020
4344	Brewer	Public supply	2.20	0.20	2.7	1.37	0.15	0	0	.0036	.0230
4345	Wilton	Public supply	2.10	1.50	0	0.11	0.12	0	0	.0018	.0074
4346	Norridgewock	Public supply	2.80	0.80	0	0	7.60	0	0.35	.0018	.0040
4347	Skowhegan	Public supply	1.65	0.40	1.3	0.33	0.27	0	0.06	.0044	.0180
4348	Oakland	Public supply	1.65	0.80	1.1	0.30	0.19	0	Trace	.0012	.0148
4349	Bingham	Public supply	2.90	1.50	0	0.10	0.15	Trace	0.04	.0007	.0015
4350	Bingham	Public supply	5.45	3.20	0	0.05	0.48	0	0.25	.0007	.0031
4351	Bingham	Public supply	3.05	1.00	0	0.07	0.35	0	0.125	0	.0036
4352	West Paris	Well	1.65	0.90	0	0.01	0.15	0	0.015	.0002	.0056
4353	New Sharon	Well	2.80	2.50	0	0.02	0.15	0	0.025	.0007	.0020
4354	Lubec	Public supply	6.15	0.30	1.2	0.14	1.23	0	0.15	.0078	.0084
4355	Milbridge	Public supply	1.40	0.50	0	0.02	0.60	.0001	0	.0007	.0029
4356	Brooks	Public supply	2.10	1.20	0	0.04	0.20	0	0.025	.0004	.0018
4357	Hancock Point	Deep well	2.10	0.60	0.1	0.15	1.40	.0003	0.045	.0012	.0112
4358	Seal Harbor	Public supply	1.25	0.40	0.1	0.17	0.62	0	0	.0022	.0064
4359	Winterport	Public supply	7.40	6.80	0	0.02	0.25	0	0.015	.0005	.0031
4360	Damariscotta	Public supply	1.40	0.30	1.1	0.28	0.43	0	Trace	.0026	.0118
4361	Mt. Vernon	Well	1.40	0.80	0	0.09	0.03	0	0	.0005	.0031
4362	Woolwich	Well	4.45	0.70	0.1	0.13	4.10	0	0.11	.0030	.0236
4363	Westbrook	Well	18.90	3.00	1.2	0.19	5.65	.0001	0.57	.0028	.0144
4364	Boothbay Harbor	Public supply	2.20	0.40	1.7	0.47	0.72	0	Trace	.0074	.0216
4365	Woolwich	Well	9.55	0.20	2.6	0.72	5.62	.0055	1.38	.1900	.0790
4366	Woolwich	Well	2.10	0.30	1.4	0.50	0.60	0	0	.0360	.0270
4367	Bangor	Artesian well	13.00	11.70	0	0.02	0.27	Trace	Trace	0	.0016
4368	Vinalhaven	Public supply	2.10	0.20	0.9	0.29	1.20	Trace	0	.0200	.0244
4369	Brewer	Pond	1.00	0.30	0.1	0.16	0.22	0	Trace	.0062	.0066
4370	Bangor	Public supply	2.80	0.50	0.2	0.48	0.12	0	Trace	.0018	.0070
4371	Camden	Public supply	1.40	0.60	0.3	0.16	0.42	0	Trace	.0022	.0124
4372	Topsham	Spring	3.75	3.10	0.1	0.07	2.75	0	0.015	.0007	.0063
4373	Bucksport	Public supply	2.50	0.30	4.2	0.80	0.37	0	0.01	.0056	.0200
4374	North Chesterville	Well	1.40	0.70	0	0.04	0.13	0	0.04	.0007	.0035
4375	Stonington	Public supply	1.95	0.40	8.5	1.69	1.41	Trace	0	.0094	.0330
4376	Ellsworth	Public supply	1.40	0.50	1.7	0.56	0.24	0	0	.0018	.0136
4377	Winter Harbor	Public supply	1.50	0.30	2.8	0.66	0.85	0	0.01	.0018	.0208
4378	East Millinocket	Public supply	10.00	6.50	0	0.02	0.20	Trace	0	.0007	.0023
4379	Millinocket	Public supply	1.80	0.50	2.7	0.74	0.06	0	0	.0050	.0106

* 4329=acidity=0.1 c.c. $\frac{N}{50}$ acid.

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4380	Milo	Public supply	1.65	0.20	2.4	0.70	0.17	0	0	.0056	.0170
4381	Harrington	Public supply	3.08	0.40	0.2	0.40	0.70	0	0.075	.0074	.0092
4382	Harrington	Public supply	2.50	0.30	0	0.15	0.55	0	0	0	.0018
4383	Calais	Public supply	1.95	0.50	0.2	0.22	0.25	0	0.015	.0030	.0058
4384	Machias	Public supply	1.40	0.30	3.6	0.77	0.17	0	0	.0020	.0104
4385	Castine	Public supply	2.80	0.30	0.9	0.26	0.62	0	0.048	.0034	.0096
4386	Orono	Public supply	1.40	0.40	3.2	0.70	0.27	0	0	.0042	.0164
4387	Bar Harbor	Public supply	1.25	0.40	0.2	0.20	0.58	0	0	.0004	.0090
4388	Strong	Public supply	1.85	0.80	3.8	0.81	0.08	0	0.02	.0050	.0180
4389	Searsport	Public supply	1.15	0.90	0.1	0.29	0.23	0	0	.0034	.0134
4390	Andover	Public supply	1.15	1.00	2.0	0.63	0.05	0	0	.0058	.0120
4391	Northeast Harbor	Public supply	1.15	0.70	0.4	0.30	0.70	0	Trace	.0120	.0132
4392	Topsham	Well	1.23	0.60	0	0.09	1.23	.0045	0.30	.0820	.0170
4393	Dixfield	Spring	1.30	0.90	0.1	0.07	0.20	0	0.07	.0016	.0104
4394	Kittery	Public supply	1.70	0.60	3.0	0.39	0.47	0	0	.0032	.0284
4395	Union	Public supply	1.70	1.20	0.6	0.12	0.36	0	0.015	.0003	.0091
4396	Harrington	Well	5.15	4.50	3.0	0.59	0.95	Trace	0.03	.0028	.0362
4397	West Paris	Well	2.35	1.50	0	0.05	0.25	0	0.09	.0002	.0066
4398	West Paris	Well	2.25	1.20	0	0.02	0.31	.00044	0.10	.0024	.0038
4399	Woodland, (Washington Co.)	Public supply	1.45	0.80	2.4	0.62	0.10	0	0	.0034	.0150
4400	West Paris	Well	2.50	1.50	0	0.02	0.40	0	0.01	0	.0044
4401	Norway	Public supply	1.95	1.20	0.7	0.26	0.17	0	0.015	.0018	.0126
4402	Lisbon Falls	Public supply	5.30	5.00	0	0	0	.00045	0.015	0	.0022
4403	Auburn	Public supply	1.80	1.30	0.1	0.11	0.23	0	0	.0016	.0106
4404	Phillips	Public supply	1.30	1.20	1.6	0.45	0.07	0	Trace	.0034	.0120
4405	Bath	Public supply	1.55	1.20	3.3	0.82	0.23	0	0	.0042	.0204
4406	Kezar Falls	Public supply	1.85	1.70	0	0.01	0.13	0	0	.0002	.0032
4407	Rumford Falls	Public supply	4.50	2.80	8.0	1.05	0.47	0	0.05	.0038	.0072
4408	Portland	Public supply	1.30	0.60	0.2	0.16	0.17	0	Trace	.0002	.0094

4409	Sangerville	Public supply	4.75	3.60	1.4	0.23	0.11	0	0	.0238	.0176
4410	Bath	Public supply	1.15	0.90	1.6	0.39	0.34	0	Trace	.0050	.0114
4411	Port Clyde	Well	4.65	2.50	1.8	0.39	3.85	.0012	0.02	.0210	.0344
4412	Lewiston	Public supply	1.55	1.30	0	0.11	0.20	.0002	Trace	.0020	.0094
4413	Friendship	Public supply	2.90	1.30	0	0.04	1.14	.0001	0.15	.0170	.0074
4414	Mexico	Public supply	1.55	1.10	1.8	0.53	0.20	0	0	.0042	.0164
4415	Gorham	Public supply	1.30	1.20	0.2	0.17	0.15	0	0.02	.0007	.0079
4416	Warren	Public supply	3.00	2.70	0.5	0.24	0.40	0	Trace	.0012	.0064
4417	Rangeley	Public supply	1.30	1.30	3.1	0.78	0.05	0	Trace	.0038	.0156
4418	Southwest Harbor	Public supply	1.33	0.80	0.1	0.19	0.67	0	0	.0007	.0101
4419	Yarmouthville	Public supply	3.30	2.10	0	0.15	0.35	.0002	1.087	.0002	.0068
4420	Rumford Falls	Public supply	4.25	2.60	6.5	0.96	0.47	Trace	0.045	.0042	.0078
4421	Rumford Falls	Public supply	4.30	2.70	6.8	1.10	0.47	Trace	0.04	.0036	.0086
4422	Rumford Falls	Public supply	4.25	2.70	6.5	1.02	0.47	Trace	0.045	.0032	.0082
4423	East Hiram	Well	8.35	6.50	1.4	0.51	1.37	Trace	0.70	.0054	.0242
4424	Mechanic Falls	Public supply	1.55	0.90	2.0	0.50	0.18	0	Trace	.0034	.0154
4425	Rumford Falls	Public supply	3.95	2.70	6.2	0.98	0.465	Trace	0.045	.0018	.0112
4426	Buckfield	Public supply	1.10	0.70	0.1	0.08	0.08	0	Trace	.0052	.0084
4427	East Sumner	Spring	1.30	0.80	0.9	0.24	0.07	0	0.01	.0032	.0082
4428	Brownville	Public supply	1.70	1.20	0	0.18	0.06	0	0.025	0	.0036
4429	Brunswick	Public supply	2.65	2.10	0.1	0.15	0.53	0	0.02	.0012	.0046
4430	Kennebunk	Public supply	1.30	0.50	5.2	1.14	0.32	0	0	.0054	.0206
4431	Sabattus	Well	14.45	2.60	0	0.04	2.83	.0015	3.00	.0022	.0666
4432	Old Town	Well	16.60	5.40	0	0.03	4.18	.018	1.12	.0042	.0048
4433	West Paris	Spring	1.45	1.00	0	0	0.08	0	0.025	.0002	.0044
4434	Houlton	Public supply	3.50	2.20	2.3	0.62	0.15	0	Trace	.0005	.0117
4435	Topsham	Well	2.10	0.90	0	0.08	0.37	0	0.045	.0007	.0045
4436	Brownville	Public supply	2.90	2.00	0	0.04	0.17	0	0.02	.0003	.0033
4437	Dixfield	Public supply	1.55	0.50	3.9	0.80	0.10	0	0	.0022	.0118
4438	Farmington Falls	Public supply	1.80	1.50	0	0.03	0.12	0	0	.0002	.0020
4439	Bowdoinham	Well	24.60	17.10	0	0.15	3.35	0	0.10	.0007	.0081
4440	North Berwick	Public supply	2.10	2.00	1.9	0.37	0.27	0	0	.0036	.0122
4441	Hebron	Public supply	1.45	1.20	0.3	0.17	0.15	0	Trace	.0052	.0124
4442	Biddeford	Public supply	1.45	1.20	0.1	0.12	0.10	0	0	.0012	.0068
4443	Bethel	Public supply	1.15	0.60	0.8	0.36	0.10	0	0	.0022	.0054
4444	Sanford	Public supply	2.10	1.20	0	0.02	0.25	0	0.015	0	.0018
4445	Caribou	Public supply	3.40	1.80	3.8	0.91	0.08	0	0.025	.0028	.0166
4446	Dover	Public supply	1.80	1.00	3.4	0.71	0.10	0	Trace	.0036	.0110
4447	Island Falls	Public supply	2.10	1.00	3.3	0.75	0.15	0	0	.0036	.0090
4448	Danforth	Public supply	5.70	4.50	0.5	0.21	0.32	0	0.045	.0003	.0091
4449	Van Buren	Public supply	5.10	3.50	2.4	0.58	0.15	0	0.04	.0014	.0092
4450	Berwick	Public supply	2.50	0.90	1.7	0.42	0.34	0	0.02	.0032	.0134
4451	Brownville	Public supply	2.10	1.70	0	0.13	0.175	.0002	0.02	.0003	.0043

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4452	Stratton	Public supply	2.20	1.40	0.8	0.28	0.03	0	0	.0002	.0082
4453	Bridgton	Public supply	1.45	0.80	1.4	0.36	0.15	0	Trace	.0036	.0110
4454	Farmington	Public supply	2.10	1.10	0.1	0.13	0.13	0	Trace	.0007	.0105
4455	Springvale	Public supply	1.55	0.20	0.2	0.11	0.20	0	0	.0012	.0080
4456	Fryeburg	Public supply	1.30	0.20	0.2	0.18	0.06	0	0	.0007	.0043
4457	York Village	Public supply	1.30	0.50	1.0	0.35	0.54	0	0	.0016	.0126
4458	Patten	Public supply	4.25	3.20	0	0.10	0.25	0	0.055	0	.0086
4459	Presque Isle	Public supply	10.00	7.30	1.3	0.43	0.42	0	0.075	.0018	.0100
4460	Hallowell	Well	10.20	4.50	0.9	0.10	8.55	.003	0.90	.0012	.0086
4461	Brownville	Public supply	2.50	1.20	1.9	0.56	0.17	0	0.05	.0028	.0102
4462	South Windham	Spring	5.95	5.00	0	0.19	0.27	0	0.05	0	.0016
4463	Hallowell	Spring	3.95	1.20	0	0.03	1.71	0	0.275	.0007	.0065
4464	Livermore Falls	Public supply	1.15	0.60	0.1	0.17	0.17	0	Trace	.0002	.0112
4465	Stockton	Spring	1.45	0.30	0.9	0.17	0.22	0	0	.0028	.0128
4466	Waldoboro	Public supply	1.95	0.90	0	0.11	0.52	0	Trace	.0022	.0058
4467	Augusta	Public supply	1.95	1.00	1.3	0.35	0.21	0	0	.0022	.0182
4468	Sabattus	Well	2.50	1.50	0	0.02	0.24	0	0	.0002	.0024
4469	Skowhegan	Well	3.70	1.60	0	0	0.68	0	0.07	.0002	.0082
4470	South Windham	Spring	4.35	2.70	0	0.04	0.35	Trace	0.05	.0007	.0045
4471	West Kennebunk	Well	6.50	4.10	0	0.01	2.02	.0008	1.50	.0007	.0071
4472	Biddeford	Spring	2.65	2.20	0	0.02	0.31	0	0.025	.0002	.0020
4473	Wilton	Well	1.15	0.40	1.2	0.27	0.09	0	Trace	.0018	.0090
4474	South Berwick	Public supply	1.95	0.60	5.4	0.80	0.37	0	0.015	.0036	.0340
4475	South Paris	Well	1.30	0.80	0	0	0.12	0	0	0	.0020
4476	South Paris	Well	2.90	2.50	0	0.02	0.35	0	0.02	.0003	.0019
4477	Canton	Well	1.70	0.70	0.1	0.06	0.30	.0003	0.09	.0042	.0092
4478	Augusta	Public supply	2.60	1.50	1.2	0.23	0.23	0	Trace	.0018	.0086
4479	Whitneyville	River	1.15	0.50	7.1	1.06	0.22	0	0	.0036	.0224
4480	Whitneyville	Spring	1.55	1.20	0	0	0.41	0	0.02	0	.0022

4481	Yarmouth	Spring	2.25	1.60	0.6	0.08	0.73	0	0.025	0	.0128
4482	South Paris	Public supply	1.45	0.90	2.9	0.48	0.15	0	Trace	.0020	.0114
4483	West New Portland	Public supply	2.10	1.30	0.1	0.03	0.03	.0001	0.04	.0007	.0057
4484	Hallowell	Well	14.90	16.10	1.5	0.19	3.65	.08	0.30	.0146	.0524
4485	Kingfield	Public supply	1.15	0.30	2.7	0.43	0.05	0	0	.0027	.0093
4486	Waterville	Spring	1.30	3.50	0	0.50	2.20	.0002	1.125	.0022	.0052
4487	Bath	Spring	1.95	0.40	0	0.11	0.55	0	0	.0026	.0120
4488	Winthrop Center	Well	0.71	10.50	0	0.04	1.43	Trace	0	0	.0072
4489	Monmouth	Well	13.95	9.60	0	0.02	2.97	.0004	0.50	.0032	.0040
4490	Fayette	Well	1.55	1.20	0	0.02	0.22	Trace	0.03	.0007	.0017
4491	East Sumner	Spring	2.10	1.20	0	0.05	0.15	0	0	0	.0050
4492	East Sumner	Spring	1.05	0.40	0	0.02	0.13	0	0	.0006	.0020
4493	Bath	Public supply	1.05	0.40	2.2	0.39	0.32	0	0	.0014	.0144
4494	Topsham	Well	5.70	1.50	0	0.09	2.95	Trace	2.125	.0018	.0088
4495	East Wilton	Well	2.50	2.00	0.1	0.01	0.25	0	0.07	0	.0025
4496	Temple	Well	2.10	1.10	0	0.01	0.47	0	0.02	.0002	.0034
4497	Bryant Pond	Well	2.65	1.20	0.2	0.06	0.95	.0003	0.01	0	.0034
4498	East Dixfield	Well	1.30	0.80	0.1	0.12	0.48	0	0.05	.0034	.0042
4499	Temple	Well	2.35	1.20	0	0.03	0.65	0	0.03	.0007	.0030
4500	Hallowell	Spring	2.65	1.00	0	0.01	0.90	0	0.20	.0002	.0060
4501	Hallowell	Well	2.10	1.10	0.1	0.01	1.11	0	0.40	.0007	.0045
4502	Vinalhaven	Cistern	3.95	2.80	2.2	0.20	0.75	0	0.40	.0060	.0146
4503	South Paris	Public supply	1.45	1.20	0	0.02	0.12	0	0	0	.0029
4504	Freeport	Public supply	2.65	1.50	2.2	0.19	0.45	0	0.025	.0032	.0132
4505	Freeport	Public supply	7.95	1.80	0	0.05	9.33	.0004	1.25	.0002	.0064
4506	North Jay	Well	1.45	0.30	0	0.05	0.11	0	0	.0034	.0028
4507	Boothbay Harbor	Spring	2.20	1.00	0	0.02	1.11	0	0	.0030	.0008
4508	North Jay	Spring	1.95	0.90	0	0.03	0.24	0	0.10	.0036	.0040
4509	Patten	Well	3.95	3.00	0.2	0.02	0.22	Trace	0.05	.0008	.0028
4510	Hallowell	Spring	2.65	2.00	1.4	0.11	0.37	0	0	.0002	.0062
4511	Canton	Well	4.35	2.00	0.2	0.50	0.35	0	0.03	.0030	.0028
4512	Acton	Well	3.30	1.30	0.2	0.11	7.67	.09	0.40	.0022	.0088
4513	South Paris	Well	2.20	1.20	1.9	0.25	0.08	0	Trace	.0008	.0070
4514	South Paris	Well	3.50	2.40	0	0.03	0.14	0	0.03	.0006	.0030
4515	Popham Beach	Well	5.30	2.00	0	0.07	5.05	.0001	0.65	.0060	.0094
4516	Gardiner	Well	25.90	17.00	1.9	0.49	4.55	.0015	1.00	.0056	.0414
4517	Lamoine	Well	5.95	3.10	1.1	0.24	2.90	0	0.35	.0018	.0132
4518	East Sumner	Driven well	3.70	2.00	1.2	0.08	0.15	0	0	.0008	.0050
4519	East Sumner	Well	1.85	0.70	0	0.04	0.12	0	0.01	.0008	.0044
4520	East Sumner	Well	1.95	0.90	0	0.02	0.15	.0001	0.05	.0002	.0054
4521	East Sumner	Well	3.40	1.30	0.1	0.08	0.75	.0001	0.20	.0022	.0070
4522	Kezar Falls	Spring	1.85	0.90	0	0.01	0.19	0	0.04	.0032	.0046
4523	East Sumner	Well	1.85	0.90	0.1	0.06	0.19	0	0.025	.0007	.0069

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4524	Monmouth.....	Well.....	15.25	11.20	0	0.09	4.95	Trace	0.275	.0007	.0069
4525	Patten.....	Well.....	3.30	1.60	0.1	0.05	0.20	0	0.03	.0002	.0042
4526	Southport.....	Well.....	1.70	0.40	5.6	1.29	4.10	0	0	.0036	.0196
4527	Dixfield.....	Well.....	1.70	1.30	0	0.03	0.18	0	0.125	.0007	.0039
4528	Skowhegan.....	Well.....	16.50	13.20	0.9	0.16	2.40	.0002	0.02	.0046	.0110
4529	Riverside.....	Well.....	1.70	1.10	0.7	0.06	0.28	.0001	0.03	.0034	.0060
4530	West Gardiner.....	Well.....	3.95	2.80	0.1	0.02	0.10	0	0	.0028	.0050
4531	Augusta.....	Spring.....	2.50	0.80	0.1	0.03	0.35	0	0.04	.0060	.0062
4532	Presque Isle.....	Drilled well.....	16.50	12.10	0.2	0.01	0.97	0	0.35	.0004	.0040
4533	North Jay.....	Spring.....	2.10	1.00	0	0	0.10	0	0.045	.0014	.0024
4534	Parsonsfield.....	Well.....	1.95	1.10	1.8	0.38	0.12	0	Trace	.0022	.0072
4535	Farmington.....	Well.....	5.05	3.00	0	0	0.63	0	0.03	.0002	.0034
4536	West Sidney.....	Well.....	3.05	2.20	0.1	0.03	0.07	0	Trace	.0007	.0037
4537	Grafton.....	Spring.....	1.85	0.40	0	0.04	0.04	0	0.017	.0030	.0056
4538	East Hiram.....	Well.....	5.30	1.10	0	0.02	2.70	Trace	0.30	.0002	.0076
4539	Rumford.....	Pond (outlet).....	1.25	0.80	2.3	0.42	0.05	0	0	.0044	.0066
4540	Rumford.....	Pond (inlet).....	1.22	0.60	2.4	0.42	0.05	0	0	.0024	.0160
4541	Hallowell.....	Well.....	15.25	11.20	0.9	0.31	1.52	.0012	0.15	.0086	.0224
4542	Hallowell.....	Well.....	2.35	2.20	0.5	0	0.50	0	0.03	.0003	.0033
4543	Hallowell.....	Well.....	13.95	8.80	0.2	0.02	6.27	0	1.75	.0004	.0058
4544	Hallowell.....	Well.....	12.00	8.10	0	0.01	0.33	.0002	0	.0002	.0032
4545	Hallowell.....	Well.....	8.20	5.20	0.5	0.05	1.53	.0018	0.20	.0052	.0046
4546	Hallowell.....	Well.....	12.60	7.20	2.5	0.15	1.30	.008	0.25	.0450	.0160
4547	Hallowell.....	Well.....	5.70	3.60	Pink	0.69	0.85	0.02	0.05	.0018	.0202
4548	Hallowell.....	Well.....	5.55	3.10	0.2	0.02	2.10	0	0.03	.0007	.0057
4549	Hallowell.....	Well.....	10.60	6.10	0.2	0.04	1.52	.005	0.08	.0058	.0062
4550	Hallowell.....	Well.....	19.25	13.20	0	0.06	2.45	Trace	0.05	.0018	.0092
4551	Hallowell.....	Well.....	2.65	1.50	0.3	0.02	0.53	0	0.12	.0018	.0044
4552	Hallowell.....	Spring.....	11.30	8.00	2.8	0.02	2.40	0	0	.0028	.0042

4553	Hallowell	Well	5.30	2.00	0	0.08	2.92	Trace	1.00	.0008	.0070
4554	Mars Hill	Pond	4.75	3.50	1.3	0.09	0.08	0	0	.0074	.0252
4555	Dixfield	Spring	7.70	6.80	0.2	0.05	0.15	0	0.02	0	.0036
4556	South Paris	Well	1.70	1.40	0	0	0.12	0	Trace	0	.0036
4557	South Paris	Spring	1.55	1.10	0.1	0.02	0.07	0	0	.0034	.0042
4558	Chesterville	Well	9.30	5.50	0	0.04	1.05	.0008	0.25	.0010	.0052
4559	Waldoboro	Well	3.40	1.10	2.2	0.31	2.45	.0005	0.08	.0176	.0320
4560	Auburn	Spring	5.00	3.60	0	0.03	0.20	0	Trace	0	.0036
4561	Canaan	Spring	3.40	3.00	0	0.01	0.10	0	0.06	.0007	.0055
4562	North Anson	Spring	5.30	2.60	0	0.02	0.08	0	0.06	0	.0030
4563	Skowhegan	Drilled well	10.50	5.20	0.2	0.04	2.45	0	0	.0190	.0082
4564	Biddeford Pool	Public supply	3.95	2.40	1.0	0.12	3.35	0	0.04	.0002	.0062
4565	Minot	Well	16.60	13.10	0.2	0.16	3.30	.0028	2.50	.3330	.1050
4566	East Sumner	Spring	1.55	0.90	0	0.04	0.12	0	0	.0007	.0029
4567	Presque Isle	Drilled well	24.60	17.50	0.2	0.05	1.82	Trace	0.70	.0007	.0069
4568	Friendship	Well	3.30	0.90	9.1	1.05	1.80	0	Trace	.0034	.0146
4569	Eastport	Public supply	1.55	0.90	1.8	0.34	0.40	0	0	.0026	.0180
4570	North Jay	Well	5.30	3.20	0	0.08	0.40	Trace	0.022	.0007	.0055
4571	Biddeford	Spring	5.05	4.20	0.2	0.06	0.40	0	0.01	.0016	.0074
4572	East Hampden	Well	5.55	2.10	0.4	0.05	1.90	.0009	0.50	.0028	.0050
4573	Rumford	Public supply	3.95	1.50	8.3	0.81	0.40	Trace	0.04	.0056	.0096
4574	West Gardiner	Well	5.30	4.00	0	0.02	0.57	Trace	0.35	.0002	.0034
4575	South Bristol	Springs	1.30	0.50	0.3	0.08	1.14	0	0	.0022	.0054
4576	Chesterville	Well	11.55	5.20	0	0.03	3.75	.0002	1.20	.0007	.0041
4577	Shiloh	Spring	4.60	1.30	0.4	0.07	2.08	Trace	0.28	.0066	.0032
4578	East Sumner	Spring	1.30	0.60	0	0.06	0.10	0	0	0	.0036
4579	East Sumner	Spring	1.15	0.40	1.0	0.20	0.13	0	0.025	.0028	.0034
4580	Buckfield	Well	1.70	1.00	0	0.04	0.12	0	0.01	0	.0024
4581	Readfield Depot	Well	1.30	0.90	0	0.09	2.60	.017	1.10	.0058	.0082
4582	Buckfield	Well	4.25	2.20	0.1	0.06	0.60	0	0.70	.0007	.0029
4583	Popham Beach	Driven well	2.65	1.50	1.3	0.02	2.13	.006	0.25	.1300	.1156
4584	Monmouth	Well	12.20	5.10	0	0.08	4.65	.0012	2.75	.0007	.0113
4585	Swan's Island	Well	3.95	1.60	3.9	0.65	6.15	.0015	0.07	.0410	.0388
4586	Bingham	Spring	5.30	3.40	0.3	0.11	0.10	0	0	.0022	.0040
4587	Phillips	Well	2.30	0.70	0	0	0.47	.0003	0.07	.0002	.0020
4588	West Garland	Well	14.60	8.00	0	0.02	2.76	Trace	2.20	.0007	.0041
4589	Mechanic Falls	Well	12.60	8.30	0.3	0.04	4.55	Trace	0.085	.0018	.0050
4590	Dover	Drilled well	17.95	13.30	0	0.05	0.77	0	0.55	.0002	.0060
4591	Dover	Well	16.60	13.30	1.2	0.05	2.00	0	0.73	.0012	.0034
4592	Dover	Well	16.60	6.60	0	0.06	1.43	0	1.05	.0008	.0022
4593	Dover	Drilled well	32.55	25.00	0.4	0.16	4.40	.007	1.60	.3240	.0390
4594	Dover	Spring	23.20	19.20	0	0.02	1.15	0	0.11	.0002	.0022
4595	Dover	Well	15.90	14.60	0.1	0.01	0.20	.0003	0.16	.0002	.0012

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4596	South Paris	Well	2.25	1.00	0.2	0.11	0.35	Trace	0.045	.0006	.0128
4597	Yarmouthville	Spring	1.75	1.30	0	0.03	0.12	.0001	0	.0014	.0022
4598	Bluehill	Well	1.95	1.20	0	0.08	0.62	0	0	.0006	.0030
4599	Portland	Spring	5.55	3.50	1.8	0.07	1.37	.0012	0.07	.0028	.0048
4600	Livermore Falls	Well	13.90	7.70	0	0.06	1.55	0	0.20	.0012	.0022
4601	Veazie	Well	3.30	3.00	0.1	0.09	0.50	0	0.065	.0002	.0060
4602	Washington	Well	2.80	2.30	0.2	0.24	0.51	0	0.11	.0008	.0080
4603	Woodland (Washington Co.)	Spring	4.20	4.00	0	0	0.55	0	0	.0008	.0060
4604	Canton	Spring	1.30	1.00	0.2	0.03	0.15	Trace	0	.0006	.0024
4605	South Standish	Well	3.65	2.70	2.4	0.51	3.65	0	2.00	.0032	.0266
4606	East Wilton	Spring	7.30	5.50	0.1	0	0.09	Trace	0	.0044	.0034
4607	Old Town	Well	13.90	10.00	0.4	0.12	1.82	.0002	0.12	.0008	.0100
4608	Farmington	Spring	1.70	1.00	0.4	0.09	0.15	0	0	.0002	.0042
4609	Sargentville	Spring	2.80	2.10	1.1	0.22	0.70	0	0	.0016	.0104
4610	Sargentville	Drilled well	2.65	2.20	0.2	0.02	0.99	.0003	0.035	.0020	.0016
4611	Sargentville	Spring	5.30	2.10	0.2	0.06	2.20	0	0.49	.0008	.0048
4612	Sargentville	Spring	3.00	2.60	0	0	0.77	0	0.03	.0004	.0034
4613	Sargentville	Well	3.55	3.00	0	0	0.77	.0007	0.14	.0122	.0062
4614	Boothbay Harbor	Spring	1.70	1.10	0	0.03	0.66	.0003	.015	.0076	.0092
4615	Dover	Pond	1.30	1.00	1.9	0.41	0.12	0	0	.0016	.0152
4616	Dover	Pond	3.30	3.10	1.2	0.31	0.12	0	0	.0024	.0126
4617	Dover	Public supply	2.25	2.00	6.2	1.04	0.10	0	Trace	.0008	.0212
4618	Canton	Well	1.95	1.40	0.7	0.08	0.09	0	0	.0016	.0044
4619	Hallowell	Spring	11.95	6.00	0.6	0.04	2.35	.0001	0	.0004	.0042
4620	York Corner	Spring	3.95	2.00	0	0.02	0.78	Trace	0.25	.0006	.0024
4621	Kennebunk Beach	Spring	15.25	9.80	0	0.02	4.50	0	0.16	.0004	.0020
4622	Boothbay Harbor	Spring	1.55	1.00	0	0.02	0.60	0	0.01	.0004	.0032
4623	Raymond	Well	11.20	9.80	2.2	0.78	13.20	0.45	0.76	.1110	.3930
4624	Orono	Public supply	1.45	0.60	5.7	0.88	0.17	0	0	.0054	.0190

4625	Temple	Well	1.95	1.10	0	0.01	0.13	0	0.038	.0012	.0024
4626	Canaan	Spring	13.50	11.10	0	0.02	0.25	Trace	0.045	.0026	.0064
4627	East Sumner	Spring	1.45	1.10	0	0.01	0.14	0	0	.0007	.0069
4628	Monmouth	Well	4.50	2.30	0	0.06	0.48	0	0.19	.0056	.0062
4629	Monmouth	Well	5.55	4.40	0.1	0.05	0.69	Trace	0.07	.0080	.0080
4630	East Sumner	Well	6.20	1.10	0	0.01	0.74	.0001	1.80	.0002	.0074
4631	Sugar Island	Well	1.95	0.70	0.5	0.14	0.14	0	0.018	.0030	.0046
4632	Brewer	Stream	1.45	0.60	5.8	0.87	0.17	0	0	.0034	.0230
4633	Popham Beach	Driven well	1.70	1.00	0.5	0.05	1.67	0	0.018	0	.0052
4634	Minot	Well	2.65	2.00	0.3	0.04	0.32	.0003	0.005	.0006	.0046
4635	Dover	Well	16.60	10.50	0	0.04	1.87	.0003	0.50	.0024	.0056
4636	Oakland	Public supply	1.45	0.90	1.7	0.42	0.15	0	0	.0050	.0106
4637	Madison	Public supply	1.75	1.00	3.0	0.64	0.07	0	0	.0030	.0124
4638	Pittsfield	Public supply	2.25	1.50	3.5	0.72	0.10	0	0	.0050	.0154
4639	Woodland (Washington Co.)	Public supply	1.45	1.00	7.3	1.13	0.10	0	0	.0070	.0120
4640	South Standish	Well	6.65	1.30	0	0.04	6.10	0	0.60	.0004	.0068
4641	Dover	Well	7.95	6.00	0	0.02	0.25	0	0.03	.0016	.0012
4642	Dryden	Well	1.95	1.00	0	0.03	0.43	Trace	0.275	.0002	.0016
4643	Woodland (Washington Co.)	Well	4.60	2.30	0.4	0.04	0.62	0	0.175	.0022	.0040
4644	Madison	Drilled well	14.00	12.00	0	0.01	0.55	.0002	0.02	0	.0022
4645	Wilton	Public supply	2.60	1.20	0.2	0.11	0.15	0	0	.0034	.0060
4646	Gardiner	Public supply	2.20	1.40	1.8	0.31	0.25	0	0	.0052	.0124
4647	Brunswick	Well	3.30	2.10	0	0.01	1.53	0	0.02	.0012	.0024
4648	Skowhegan	Public supply	2.30	2.00	3.6	0.56	0.35	0	0.02	.0070	.0096
4649	Hallowell	Public supply	2.10	1.40	2.8	0.58	0.27	0	Trace	.0042	.0508
4650	Brunswick	Spring	4.60	1.20	0	0.13	1.27	.007	0.30	.0007	.0163
4651	Phillips	Spring	1.30	0.90	0	0.03	0.06	0	0.015	.0012	.0010
4652	Bingham	Pond	1.70	1.10	1.6	0.30	0.08	0	Trace	.0007	.0147
4653	Bingham	Public supply	3.95	2.50	0	0.02	0.14	0	0.025	.0004	.0012
4654	Bingham	Public supply	4.10	2.60	0.6	0.12	0.28	.0016	0.05	.0007	.0113
4655	Bingham	Public supply	5.55	4.20	0	0.02	0.49	0	0.175	.0002	.0030
4656	Rangeley	Spring	4.10	2.20	0	0.02	0.75	0	0.15	.0022	.0030
4657	Newagen	Well	2.25	1.40	0.8	0.16	3.12	0	Trace	.0026	.0088
4658	Waterville	Public supply	2.00	1.80	0.8	0.20	0.20	0	0	.0034	.0120
4659	Rumford Falls	Public supply	7.30	6.10	0.9	0.19	0.35	.0004	0.015	.0070	.0050
4660	Rumford Falls	River	1.55	1.00	0.6	0.18	0.11	0	0	.0036	.0056
4661	Rumford Falls	River	1.56	1.20	0.8	0.20	0.07	0	0	.0036	.0062
4662	Richmond	Public supply	2.10	0.90	3.8	1.34	0.40	0	Trace	.0036	.0174
4663	Clinton	Artesian well	20.60	17.00	0.8	0.05	4.90	.001	0.15	.0036	.0026
4664	Walnut Hill	Drilled well	4.90	4.20	0	0.12	0.31	0	0.036	0	.0020
4665	Bar Harbor	Public supply	1.05	0.40	0.3	0.11	0.54	0	0	.0016	.0096
4666	Old Town	Public supply	1.55	1.10	4.8	1.14	0.07	0	0	.0036	.0144
4667	Augusta	Public supply	1.45	1.10	2.6	0.40	0.17	0	0	.0016	.0168

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4668	West Paris	Spring	1.55	0.80	0	0.03	0.07	0	0.015	.0016	.0070
4669	Canaan	Spring	8.60	7.00	0	0.02	0.12	0	0.035	0	0
4670	Calais	Well	15.25	9.10	1.3	0.33	1.95	.001	0.45	.0176	.0420
4671	Lubec	Public supply	6.30	5.00	0.6	0.03	1.40	0	0.19	.0002	.0022
4672	Dexter	Public supply	3.00	2.10	0.9	0.14	0.15	0	0	.0014	.0128
4673	Oakland	Well	5.40	3.10	0.8	0.14	1.34	.0005	0.70	.0048	.0080
4674	Monmouth	Well	9.30	5.00	0	0.05	2.70	.006	0.34	.0004	.0050
4675	York Beach	Well	9.95	1.20	0	0.05	4.40	0	0.69	.0018	.0020
4676	Monmouth	Well	5.55	4.00	0.3	0.03	0.45	0	0.15	0	.0016
4677	Bucksport	Public supply	2.25	1.80	9.0	1.36	0.28	0	Trace	.0054	.0320
4678	Bangor	Public supply	2.90	0.40	0.6	0.33	0.10	0	Trace	.0007	.0073
4679	South Paris	Spring	1.30	0.50	0	0.02	0.10	0	0.035	.0030	.0022
4680	Warren	Public supply	3.55	2.80	1.1	0.10	0.48	0	0	.0024	.0058
4681	Calais	Public supply	2.25	1.10	1.5	0.34	0.13	0	0.005	.0018	.0060
4682	Warren	Public supply	2.70	2.00	3.0	0.22	0.49	0	0	.0002	.0112
4683	Winter Harbor	Public supply	1.30	0.50	2.5	0.44	0.87	0	0	.0062	.0070
4684	Seal Harbor	Public supply	1.55	0.80	0.5	0.13	0.65	0	0	.0018	.0074
4685	Machias	Public supply	1.55	0.70	9.0	1.37	0.20	0	0.005	.0036	.0190
4686	Milo	Public supply	1.30	0.70	2.8	0.48	0.08	0	0	.0018	.0102
4687	Millinocket	Public supply	1.70	1.10	4.0	0.69	0.05	0	0.005	.0005	.0115
4688	Glendon	Spring	5.85	5.00	0.5	0.07	0.92	Trace	0.21	.0276	.0094
4689	Newport	Public supply	2.65	1.80	1.8	0.33	0.17	0	Trace	.0036	.0120
4690	Milbridge	Public supply	1.45	1.00	0	0.02	0.62	0	0	.0002	.0014
4691	Freeport	Well	1.45	0.90	0.2	0.03	0.52	0	0	.0002	.0054
4692	Freeport	Well	1.55	1.30	0.1	0.02	0.45	0	0.005	.0016	.0046
4693	Gardiner	Spring	7.90	6.20	0.8	0.02	0.60	0	0	.0034	.0018
4694	Brewer	Public supply	1.85	1.20	5.0	1.10	0.20	0	Trace	.0070	.0156
4695	Oakland	Public supply	1.45	1.00	1.8	0.33	0.17	0	0	.0024	.0119
4696	Winterport	Public supply	5.70	4.90	1.5	0.19	0.37	0	0.01	.0040	.0080

4697	Ellsworth	Public supply	1.45	1.00	2.2	0.46	0.20	0	0	.0018	.0136
4698	East Millinocket	Public supply	8.05	7.60	0	0.02	0.23	0	0.015	.0007	.0029
4699	Camden	Public supply	1.30	0.60	0.3	0.08	0.40	0	0	.0008	.0068
4700	Farmingdale	Spring	3.15	2.70	0.2	0.11	0.45	0	0.01	0	.0154
4701	Carthage	Pond	1.30	0.50	2.0	0.45	0.10	0	0	.0028	.0158
4702	Sangerville	Public supply	3.30	2.59	1.7	0.35	0.09	0	0	.0054	.0134
4703	Castine	Public supply	4.90	2.00	1.2	0.22	0.57	0	Trace	.0034	.0096
4704	Old Town	Well	14.60	4.00	0	0.10	7.77	.0012	1.95	.0046	.0110
4705	Winthrop	Well	21.90	14.10	0	0.05	4.97	.0014	0.25	.0034	.0042
4706	Sangerville	Well	19.60	15.60	1.2	0.30	0.82	.0010	0.20	.0034	.0062
4707	Auburn	Public supply	2.10	1.60	0.2	0.13	0.20	0	0	.0056	.0098
4708	Hallowell	Well	11.25	6.10	0.4	0.02	1.63	0	0.27	.0032	.0038
4709	Kezar Falls	Public supply	2.50	2.00	0	0.03	0.17	0	Trace	0	.0022
4710	Freeport	Public supply	4.20	2.50	1.1	0.12	0.55	0	0.065	.0036	.0042
4711	Andover	Public supply	1.30	1.00	1.7	0.25	0.04	0	0.01	.0032	.0062
4712	Vienna	Well	2.25	0.70	0.2	0.11	0.65	.0016	0.48	.0140	.0106
4713	Wiscasset	Well	10.95	10.20	0.2	0.09	4.72	.0004	0.49	.0012	.0082
4714	Norway	Public supply	1.95	1.20	1.2	0.31	0.15	0	0	.0036	.0104
4715	Bath	Public supply	1.15	0.80	5.1	0.83	0.45	0	0	.0042	.0292
4716	Vinalhaven	Public supply	1.45	0.70	6.3	1.00	1.28	0	0	.0070	.0292
4717	Stonington	Public supply	1.45	0.60	13.5	1.33	1.23	0	Trace	.0070	.0300
4718	Buckfield	Public supply	1.30	0.80	0.3	0.13	0.15	0	0	.0012	.0108
4719	Portland	Artesian well	6.60	4.00	0.2	0.01	0.37	0	0	0	.0012
4720	Boothbay Harbor	Public supply	1.95	1.10	1.4	0.30	0.69	0	0	.0012	.0174
4721	Alfred	Spring	1.85	1.70	4.1	0.61	0.23	0	0	.0036	.0252
4722	Portland	Public supply	1.30	0.90	0.6	0.17	0.18	0	0	.0002	.0098
4723	Phillips	Public supply	1.85	1.70	1.9	0.43	0.06	0	0	.0040	.0126
4724	Bath	Public supply	1.15	0.50	1.7	0.36	0.39	0	0	.0036	.0118
4725	Friendship	Public supply	2.25	1.20	0.8	0.07	1.42	0	0.12	.0018	.0114
4726	Gorham	Public supply	1.45	1.00	0.7	0.17	0.18	0	0	.0004	.0068
4727	North New Portland	Public supply	2.25	1.70	0	0.03	0.12	0	0.037	0	.0028
4728	Brooks	Public supply	2.90	2.70	0.3	0.05	0.27	0	0.03	.0003	.0033
4729	Machias	Public supply	3.00	1.50	0.7	0.23	1.21	0	0.24	.0030	.0104
4730	Northport	Well	5.00	1.60	0.7	0.10	1.33	0	0.10	.0034	.0042
4731	Skowhegan	Well	15.25	8.50	0.1	0.14	2.13	.0002	Trace	.0042	.0074
4732	Brunswick	Public supply	2.65	1.90	0	0.04	0.46	0	0.02	.0004	.0014
4733	Mechanic Falls	Public supply	2.50	1.60	1.1	0.20	0.35	0	Trace	.0012	.0108
4734	Lisbon Falls	Public supply	6.10	4.00	0	0.01	0.39	Trace	Trace	.0010	.0036
4735	Yarmouthville	Public supply	3.00	1.90	0.6	0.04	0.35	0	0.08	.0012	.0056
4736	Kingfield	Public supply	1.70	1.10	1.9	0.36	0.09	0	0	.0034	.0046
4737	Northeast Harbor	Public supply	1.45	0.40	1.2	0.29	0.65	0	0	.0042	.0078
4738	Damariscotta	Public supply	1.15	0.60	1.6	0.34	0.41	0	0	.0034	.0100
4739	Lewiston	Public supply	1.55	1.00	0.2	0.08	0.20	0	0	.0002	.0118

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4740	Union	Public supply	1.15	0.30	0.1	0.01	0.33	0	0	.0002	.0040
4741	Veazie	River	1.85	1.10	5.0	1.24	0.10	0	Trace	.0056	.0094
4742	Veazie	Well	7.70	5.10	0.3	0.11	2.05	.006	1.25	.0080	.0042
4743	Searsport	Public supply	1.30	0.80	0.2	0.13	0.25	0	0	.0012	.0106
4744	Strong	Spring	3.30	3.00	0	0	0.42	0	0.12	.0007	.0005
4745	Harrington	Public supply	2.90	2.10	0.1	0.01	0.48	0	Trace	.0017	.0025
4746	Harrington	Cistern	3.00	2.20	0.1	0.02	0.70	0	0.05	.0054	.0042
4747	Livermore Falls	Public supply	1.30	1.00	0.5	0.12	0.17	0	0	.0036	.0115
4748	Kennebunk	Public supply	1.15	0.40	3.8	0.49	0.39	0	0	.0030	.0080
4749	Waldoboro	Well	8.10	6.00	0	0.28	0.77	.0001	0.09	.0088	.0088
4750	Squirrel Island	Spring	3.95	0.70	2.7	0.50	6.12	0	0.10	.0020	.0214
4751	Sanford	Public supply	1.95	1.60	0	0.01	0.25	0	0	.0002	.0030
4752	Monmouth	Spring	4.35	3.20	0	0.03	0.20	0	0.025	.0002	.0066
4753	Mt. Vernon	Well	4.60	3.30	0.1	0.01	1.00	Trace	0.50	.0004	.0060
4754	Kennebago	Spring	1.30	1.00	0	0	0.03	0	0	.0007	.0014
4755	Skowhegan	Well	4.65	2.90	0.4	0.18	0.45	.0012	0.80	.0066	.0090
4756	Bridgton	Well	4.35	1.00	0	0.03	9.80	.0026	0.35	.0007	.0053
4757	Biddeford	Public supply	1.30	0.80	0.1	0.07	0.12	0	0	.0018	.0032
4758	Springvale	Public supply	1.55	0.40	1.9	0.10	0.18	0	0	.0050	.0174
4759	Dover	Public supply	1.95	1.20	3.0	0.51	0.10	0	Trace	.0036	.0160
4760	Greenville	Well	6.75	6.20	0	0.01	0.53	0	0.05	.0012	.0018
4761	Houlton	Public supply	7.30	6.50	0.9	0.27	0.23	0	0	.0036	.0084
4762	North Berwick	Public supply	1.70	1.00	1.70	0.13	0.23	0	0	.0002	.0076
4763	Farmington	Well	4.65	3.60	1.2	0.35	0.93	.0002	0.55	.0050	.0230
4764	Berwick	Well	5.15	1.20	0.1	0.03	3.85	.0001	2.00	.0012	.0042
4765	South Berwick	Public supply	2.65	1.50	8.2	0.82	0.36	0	0	.0052	.0558
4766	Farmington Falls	Public supply	2.75	2.00	0	0.01	0.11	0	Trace	.0007	.0019
4767	Norridgewock	Public supply	2.90	2.30	6.5	0.21	0.30	.0017	Trace	.0070	.0114
4768	Hebron	Public supply	1.72	1.40	0.9	0.15	0.14	0	0	.0018	.0182

4769	Rangeley	Public supply	1.30	0.70	4.8	0.78	0.05	0	0	.0036	.0180
4770	Milo Jct.	Well	3.30	3.00	0	0.01	0.45	0	0.10	0	.0018
4771	Milo Jct.	River	3.70	2.90	3.7	0.61	0.12	0	Trace	.0028	.0198
4772	Bridgton	Public supply	1.15	0.60	1.5	0.24	0.10	0	0	.0030	.0090
4773	Fryeburg	Public supply	1.15	0.90	0.5	0.10	0.10	0	0	.0004	.0048
4774	Canton	Well	3.30	0.90	0.4	0.11	0.67	Trace	0.10	.0012	.0036
4775	Farmington	Public supply	2.25	1.40	0.6	0.11	0.12	0	0	.0007	.0101
4776	Berwick	Public supply	2.65	1.10	3.7	0.51	0.31	0	0.035	.0018	.0218
4777	Van Buren	Public supply	6.10	4.90	1.4	0.30	0.05	0	Trace	.0002	.0084
4778	Patten	Public supply	8.90	6.50	0	0.01	0.28	0	0.125	.0007	.0010
4779	Danforth	Public supply	9.15	7.00	0.5	0.12	0.47	0	0.125	.0012	.0050
4780	Patten	Spring	7.30	5.60	0.6	0.13	0.38	Trace	0.035	.0062	.0088
4781	North Washington	Well	3.50	1.10	6.8	1.35	0.49	.0004	Trace	.0180	.0650
4782	Waterville	Well	11.90	5.50	0.1	0.02	0.45	0	0.275	0	.0032
4783	Presque Isle	Public supply	8.10	5.00	1.9	0.37	0.50	.0001	0.04	.0012	.0142
4784	Bethel	Public supply	1.15	0.50	0.9	0.22	0.09	0	0	.0017	.0029
4785	Kineo	Well	4.35	3.20	1.0	0.07	0.50	0	0.05	.0024	.0014
4786	Mexico	Public supply	1.86	1.60	3.2	0.37	0.05	0	0	.0017	.0177
4787	Wayne	Spring	2.65	2.00	0	0.03	0.19	0	0	.0012	.0060
4788	Bailey Island	Spring	3.95	0.80	4.8	0.65	3.45	.0002	0	.0650	.0296
4789	Woodland (Washington Co.)	Public supply	1.59	0.75	3.0	0.82	0.12	0	Trace	.0020	.0076
4790	Alfred	Pond	1.35	0.60	1.5	0.40	0.22	0	Trace	.0006	.0088
4791	Freeport	Well	55.80	1.55	8.5	0.79	0.65	0	0.015	.0454	.0206
4792	Southport	Well	3.46	1.25	3.0	0.36	3.95	.0002	0.035	.2500	.0050
4793	Anson	Well	5.52	1.55	0.5	0.07	2.82	Trace	0.60	.0019	.0153
4794	Gardiner	Spring	5.65	3.15	0	0.13	0.28	Trace	0	.0028	.0142
4795	Martin	Drilled well	4.40	3.40	0.2	0.09	1.75	.0002	0	.0016	.0030
4796	Eastport	Public supply	1.86	1.45	6.4	0.60	0.34	0	Trace	.0044	.0190
4797	Milo	Well	8.39	5.00	0	0.16	0.42	0	0.075	.0020	.0012
4798	Dixfield	Public supply	3.26	2.10	4.0	0.90	0.08	0	0	.0014	.0140
4799	South Brewer	Spring	13.20	11.80	0.6	0.08	0.23	0	0	.0010	.0054
4800	Oakland	Drilled well	13.10	7.30	0	0.10	3.40	Trace	0.60	.0002	.0038
4801	Canaan	Spring	13.50	11.40	0.3	0.14	0.09	0	0.015	.0017	.0047
4802	Kittery	Public supply	2.22	1.20	5.4	0.57	0.45	0	0	.0026	.0160
4803	Monson	Well	4.90	3.60	1.7	0.09	0.33	.0011	Trace	.0010	.0052
4804	Portland	Well	5.50	3.10	0.7	0.11	2.25	.0010	0.16	.0060	.0052
4805	West Peru	Brook	1.57	1.40	0.5	0.20	0.12	0	0	.0002	.0072
4806	Monson	Well	8.51	1.05	0	0.10	4.72	.0004	0.80	.0022	.0084
4807	Monson	Spring	12.44	7.60	0	0.16	4.60	.0001	0.50	.0020	.0050
4808	Asticou	Pond	1.70	1.05	3.5	0.78	0.83	0	0	.0012	.0164
4809	Monson	Well	7.20	4.65	0	0.09	1.05	0	0.30	0	.0024
4810	Fort Fairfield	Public supply	12.70	11.30	1.2	0.09	0.18	0	Trace	.0005	.0085
4811	Brownville	Public supply	4.06	3.60	0	0.06	0.26	0	0.025	0	.0050

WORK IN THE LABORATORY OF HYGIENE.

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4812	Fort Fairfield	Public supply	12.70	11.20	1.2	0.30	0.175	0	Trace	.0002	.0088
4813	South Paris	Spring	3.30	2.70	0.4	0.08	0.10	0	Trace	.0007	.0025
4814	Brownville Jct.	Public supply	3.90	2.95	1.4	0.27	0.20	0	0.07	.0022	.0098
4815	Cumberland	Driven well	2.58	0.70	0.5	0.05	0.92	0	0.015	.0002	.0008
4816	Island Falls	Public supply	5.04	3.55	3.1	0.65	0.10	0	Trace	.0010	.0100
4817	Poland	Well	7.46	5.95	0	0.20	0.22	0	0	0	.0072
4818	York Village	Public supply	1.31	0.70	1.0	0.40	0.55	0	Trace	.0026	.0090
4819	Sargentville	Well	2.62	0.65	0	0.20	0.48	Trace	0.40	.0010	.0054
4820	Cumberland Center	Spring	1.63	0.40	0	0.04	0.31	0	0	.0007	.0099
4821	Camden	Spring	3.58	1.20	0.7	0.28	0.40	0	0	.0005	.0037
4822	Stow	Well	4.64	1.40	0.1	0.13	2.60	Trace	0.30	.0012	.0074
4823	Center Lovell	Well	1.57	0.70	0	0.05	1.57	0	0.06	.0020	.0028
4824	Nobleboro	Well	3.10	1.10	0.2	0.12	0.28	0	0	.0005	.0093
4825	Nobleboro	Well	3.85	1.50	1.6	0.22	0.28	0	0	.0022	.0124
4826	East Dixfield	Spring	3.48	1.30	0.5	0.07	0.15	0	Trace	.0010	.0078
4827	Southwest Harbor	Public supply	1.25	0.45	0.9	0.23	0.61	0	0	.0007	.0071
4828	Mechanic Falls	Spring	2.85	2.10	0	0.06	0.14	0	0.35	.0004	.0010
4829	Greenville	Drilled well	4.25	4.05	0	0.05	0.20	0	0	.0012	.0008
4830	Greenville	Well	6.57	4.05	1.7	0.39	2.10	0	0.50	.0018	.0144
4831	Winthrop	Public supply	2.58	1.10	0.7	0.27	0.26	0	0	0	.0104
4832	Winthrop	Public supply	3.35	2.60	0	0.07	0.20	Trace	Trace	0	.0036
4833	Winthrop	Public supply	7.86	5.45	0.8	0.05	0.63	0	0.09	.0064	.0034
4834	Winthrop	Public supply	2.70	2.20	0	0.10	0.17	0	Trace	.0012	.0018
4835	East Dixfield	Well	4.06	1.98	0	0.03	1.40	0	0.09	.0005	.0039
4836	Lockes Mills	Well	4.39	3.05	1.2	0.19	0.25	0	Trace	.0080	.0104
4837	Farmingdale	Spring	3.32	2.90	0	0.08	0.50	0	Trace	0	.0060
4838	Brownville	Public supply	2.45	1.80	0	0.04	0.12	0	0.02	0	.0026
4839	Caribou	Public supply	3.95	2.90	5.1	0.90	0.10	0	0	.0012	.0130
4840	Chesterville	Well	4.50	2.90	0.8	0.13	0.12	0	0.045	.0080	.0038

4841	Portland	Well	10.19	5.40	0	0.08	3.80	.0020	0.85	.0078	.0052
4842	Portland	Well	5.41	1.60	1.7	0.39	1.57	.0003	Trace	.0002	.0084
4843	Stratton	Public supply	4.30	3.40	0.5	0.05	0.07	0	0.003	0	.0020
4844	Augusta	Public supply	6.58	5.80	0	0.06	0.30	0	0	0	.0017
4845	New Sharon	Well	4.97	4.90	0	0.05	0.15	0	0	.0005	.0018
4846	West Sumner	Spring	1.99	1.70	0	0.05	0.22	0	Trace	.0007	.0015
4847	Strong	Public supply	2.15	1.10	2.1	0.39	0.04	0	0	.0056	.0178
4848	Portland	Well	9.10	7.50	0.6	0.10	0.87	.0006	0	.0180	.0108
4849	Falmouth	Spring	4.20	2.00	0.4	0.05	1.11	.0007	0.30	.0050	.0064
4850	East Wilton	Well	1.65	1.50	0.6	0.10	0.10	0	0.028	.0088	.0088
4851	Mount Vernon	Well	5.00	3.80	0.2	1.05	0.53	.0019	0.14	.0056	.0074
4852	Clinton	Well	10.30	9.00	0	0.07	0.64	0	0.022	0	.0076
4853	Islesford	Well	4.65	2.70	0	0	3.05	0	0	.0022	.0018
4854	Skowhegan	Well	8.75	8.10	0.5	0.01	0.19	0	0.028	.0018	.0040
4855	Foxcroft	Spring	10.05	8.40	0.1	0.11	0.35	.0002	0.12	.0024	.0084
4856	Foxcroft	Spring	15.10	12.50	0	0.13	0.25	Trace	0.065	.0004	.0072
4857	Greenville	Well	7.75	1.10	0.8	0.25	4.40	.001	1.95	.0740	.0228
4858	Searsport	Well	13.00	12.10	4.5	0.32	0.77	0	0	.0146	.0208
4859	Brewer	Well	16.20	14.00	0.6	0.07	3.55	Trace	0.042	.0080	.0036
4860	Cedar Grove	Spring	1.50	1.00	0.7	0.12	0.15	0	0.012	.0028	.0026
4861	Cedar Grove	Well	1.70	1.50	0	0.08	0.20	0	0	0	.0022
4862	Augusta	Well	7.70	3.30	0.8	0.27	3.35	Trace	0.44	.0015	.0119
4863	West Minot	Spring	2.95	2.40	0.2	0.05	0.15	0	Trace	.0002	.0018
4864	West Minot	Spring	1.65	1.00	0	0.07	0.15	0	0.015	.0003	.0041
4865	Farmington	Well	3.20	2.70	0	0.05	0.15	0	0.068	.0005	.0012
4866	Lisbon	Well	6.40	4.00	0.7	0.12	0.72	Trace	0.025	.0002	.0066
4867	New Sharon	Well	4.95	3.50	0.5	0.11	3.70	Trace	0.25	.0002	.0074
4868	Linneus	Well	27.00	15.20	0.7	0.14	2.20	.001	0.95	.0028	.0120
4869	Caribou	?	16.22	10.80	0.2	0.13	0.65	.0002	0.12	.0067	.0075
4870	North Bridgton	Well	10.06	8.10	0	0.15	3.075	.0001	1.60	.0035	.0042
4871	Berwick	Well	5.54	1.80	0	0.06	1.10	.0004	0.15	.0085	.0057
4872	Vienna	Well	5.93	4.00	0.3	0.03	0.175	Trace	Trace	0	.0038
4873	Farmington	Well	2.70	2.00	0.1	0.21	0.55	Trace	0.025	.0182	.0182
4874	South Paris	Public supply	2.58	1.30	6.5	1.00	0.175	0	0	.0052	.0218
4875	Skowhegan	Well	12.90	3.20	0	0.09	16.00	.0001	5.50	.0007	.0117
4876	Pemaquid Point	Well	3.06	2.10	0.1	0.25	10.00	0	0	.0055	.0087
4877	Mattawamkeag	Well	7.74	3.90	0	0.07	1.65	Trace	0.20	.0012	.0070
4878	Harrison	Well	5.54	4.10	0	0.04	0.15	Trace	0	.0004	.0010
4879	Stow	Spring	1.93	1.20	0.1	0.12	0.15	Trace	0	.0002	.0065
4880	Pittsfield	Driven well	6.45	5.30	1.75	0.04	0.175	0	0	0	.0052
4881	Center Lovell	Well	1.54	1.00	0	0.01	0.125	Trace	0.075	0	.0032
4882	Andover	Spring	2.19	1.70	0.1	0.16	0.05	0	0.03	.0022	.0032
4883	Monmouth	Spring	1.80	1.00	0	0.06	0.32	Trace	0	.0002	.0034

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4884	Monmouth.	Spring.	1.93	1.30	0	0.04	0.30	Trace	0	.0012	.0043
4885	Berwick.	Well.	1.54	1.00	0	0.06	0.35	0	0.035	.0017	.0015
4886	Lockes Mills.	Well.	1.29	1.00	0	0.05	0.125	Trace	0	.0007	.0070
4887	Lockes Mills.	Well.	1.93	1.10	0	0.14	0.675	0	1.30	.0027	.0029
4888	Buckfield.	Well.	3.87	3.00	0	0.13	0.10	.00025	0.02	.0002	.0085
4889	Buckfield.	Well.	2.19	2.00	0	0.02	0.10	0	Trace	.0002	.0020
4890	Buckfield.	Well.	1.73	1.60	0	0.03	0.15	0	Trace	.0007	.0051
4891	Lincoln.	Drilled well.	5.46	5.10	1.0	0.10	0.35	.0015	0.01	.0080	.0034
4892	Stratton.	Public supply emergency.	2.58	1.70	4.5	0.64	0.10	0	0	.0070	.0222
4893	Buckfield.	Well.	2.70	2.30	0	0.06	0.65	.0001	0.125	.0027	.0085
4894	Camden.	Spring.	4.38	2.10	0	0.05	2.60	0	0.07	.0024	.0043
4895	Hampden.	Well.	7.74	6.10	0	0.09	1.325	.0001	0.35	.0052	.0032
4896	Madison.	Vein.	2.58	1.20	0.1	0.09	0.375	Trace	0.20	.0014	.0128
4897	Heron Island.	Well.	2.58	0.50	1.5	0.36	6.00	Trace	0.25	.0017	.0118
4898	Brownville.	Public supply.	3.38	2.70	1.0	0.27	0.225	0	0.025	.0027	.0093
4899	Southport.	Pond.	2.32	1.70	2.5	0.36	1.05	0	0	.0035	.0189
4900	Gardiner.	Well.	2.19	1.70	2.25	0.15	1.00	Trace	0.30	.0007	.0103
4901	Sargentville.	Artesian well.	9.03	7.50	0.2	0.14	1.70	.005	0.125	.1130	.0230
4902	Asticou.	Mountain Stream.	1.41	0.80	3.6	0.58	0.80	0	0	.0051	.0224
4903	Sargentville.	Artesian well.	10.32	8.50	0	0.32	1.15	.003	0.035	.0380	.0076
4904	Waldoboro.	Public supply.	2.32	2.00	0	0.05	0.475	0	0	0	.0007
4905	Linneus.	Well.	27.09	18.50	3.0	0.85	7.50	0.30	0.175	.0027	.0503
4906	Gardiner.	Spring.	2.58	1.80	1.5	0.18	0.45	0	0	.0095	.0359
4907	West Sumner.	Public supply.	3.87	3.00	0	0.05	0.10	0	0.04	.0012	.0020
4908	West Sumner.	Public supply.	2.32	2.20	0	0.05	0.10	0	Trace	0	.0029
4909	Bethel.	Well.	2.32	1.20	1.6	0.15	0.15	0.15	0.125	.0095	.0067
4910	Bethel.	Well.	1.29	1.00	2.2	0.27	0.075	0	0.02	.0012	.0082
4911	Lisbon Falls.	Well.	3.35	0.50	0	0.11	1.80	Trace	1.125	.0007	.0055
4912	Patten.	Well.	4.57	2.70	0	0.29	1.25	Trace	0.30	.0032	.0097

4913	Bonny Eagle	Spring	2.20	1.30	0	0.07	0.65	.00017	0.10	.0012	.0041
4914	Presque Isle	Well	20.09	14.00	0	0.04	1.40	.0012	0.40	.0172	.0054
4915	Greenville	Well	15.48	8.00	1.25	0.05	6.00	.0002	0.40	.0017	.0065
4916	Thomaston	Public supply	1.29	1.00	0	0.12	0.40	0	0	0	.0096
4917	Greenville	Well	7.74	6.50	0.5	0.04	0.35	.0032	0.04	.0054	.0038
4918	Greenville	Well	3.09	2.00	0	0.11	1.975	.003	0.45	.0022	.0060
4919	Surry	Well	4.51	2.10	2.0	0.40	0.375	Trace	Trace	.0107	.0248
4920	Clinton	Well	25.25	12.50	0	0.04	5.50	.0005	0.02	.0067	.0075
4921	Bridgton	Well	2.58	2.10	0	0.06	0.65	Trace	0.40	.0004	.0068
4922	Bridgton	Well	2.58	2.10	0.3	0.05	0.70	.0015	0.55	.0017	.0056
4923	Waldoboro	Well	5.16	4.00	1.0	0.14	0.75	Trace	0.07	.0035	.0078
4924	Augusta	Well	11.71	7.00	0	0.08	2.625	0	0.15	.0002	.0050
4925	Augusta	Well	2.32	2.00	0	0.15	1.10	.0001	0.15	.0065	.0121
4926	Moscow	Spring	4.51	4.20	0	0.07	0.10	.00017	0.015	.0007	.0045
4927	New Sharon	Well	7.74	5.10	1.5	0.20	1.00	.00035	0.15	.0580	.0110
4928	Moscow	Spring	5.16	4.20	0	0.07	0.10	0	0.015	.0042	.0070
4929	Gorham	Well	5.18	2.20	1.5	1.11	0.575	Trace	0	.0042	.0268
4930	West Sullivan	Public supply	1.29	0.80	5.0	0.20	0.425	0	0	.0017	.0077
4931	Sullivan Harbor	Public supply	3.61	2.00	2.25	0.27	0.50	0	0.15	.0007	.0109
4932	Presque Isle	Well	15.48	8.00	2.7	0.50	1.05	.00035	0.15	.0050	.0185
4933	North Leeds	Spring	2.32	1.20	0	0.07	0.20	Trace	0	.0032	.0055
4934	Turner	Spring	7.45	3.90	0	0.09	0.15	0	0	0	.0022
4935	Portland	Well	3.35	1.20	0	0.06	0.90	0	0.15	.0052	.0055
4936	Rumford	Wells	2.58	1.00	20.0	0.40	0.40	0	0.035	.0125	.0135
4937	Canaan	Spring	3.09	2.10	0	0.06	0.175	0	0.015	0	.0028
4938	Lockes Mills	Well	3.22	1.00	0	0.05	0.55	Trace	0.25	.0017	.0025
4939	Lockes Mills	Well	2.58	1.70	1.2	0.13	0.15	0	0.06	.0031	.0078
4940	Canton	Well	3.35	1.30	0.5	0.21	0.65	Trace	0.06	.0022	.0078
4941	Medway	Well	3.35	1.20	0	0.06	0.975	Trace	0.50	.0012	.0060
4942	Kittery	Well	8.03	3.30	0	0.04	1.90	.0005	0.40	.0010	.0042
4943	Pemaquid Point	Well	3.95	1.90	0	0.20	3.50	.0007	Trace	.0022	.0064
4944	Brownfield	Spring	2.15	1.00	0	0.04	0.16	0	Trace	0	.0038
4945	Monmouth	Well	2.55	1.00	0.1	0.04	0.24	.0002	0.20	.0014	.0048
4946	Wiscasset	Brook	1.80	0.60	5.0	0.77	0.60	0	0	.0072	.0322
4947	Wiscasset	Pond	3.35	1.20	3.8	0.60	4.32	0	0	.0054	.0474
4948	Tenants Harbor	Well	5.50	1.50	13.0	0.25	1.86	0	0	.0322	.0244
4949	Milo	Cistern	2.50	1.00	0.6	0.13	0.09	0	0.07	.0018	.0076
4950	Pemaquid Point	Drilled well	6.05	2.10	3.8	0.52	6.30	.0003	0.015	.0690	.0232
4951	Hartford	Well	16.12	9.70	0	0.04	11.90	0	4.50	.0012	.0046
4952	Wiscasset	Brook	3.20	1.30	3.2	0.58	0.55	0	0	.0056	.0204
4953	Waldoboro	Well	2.55	1.30	2.1	0.58	3.25	.0001	0.08	.0070	.0232
4954	Monson	Well	3.85	1.20	0	0.09	1.35	.0001	0.55	.0002	.0086
4955	Caribou	Public supply	2.80	0.60	5.0	1.07	0.10	0	Trace	.0070	.0124

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
4956	Fort Fairfield	Drilled well	11.20	7.00	0	0.02	2.19	0	0.70	0	.0022
4957	Sargentville	Drilled well	6.40	1.50	0.6	0.16	0.82	Trace	0.08	.0012	.0090
4958	Gardiner	Well	8.35	2.10	1.8	0.17	4.90	0	0.175	.0042	.0096
4959	Rumford	Drilled well	5.65	1.00	0	0.01	2.30	.0015	1.20	.0058	.0024
4960	Mars Hill	Spring	8.30	3.30	0	0.02	0.07	0	0.018	.0002	.0022
4961	Farmington	Well	4.70	1.40	0	0.11	0.15	.001	0.07	.0108	.0012
4962	Bridgton	Spring	3.35	1.30	0	0.02	0.40	Trace	0.08	.0010	.0054
4963	South Brewer	Bored well	12.70	7.10	2.7	0.40	49.84	.08	1.00	.1300	.2144
4964	Alfred	Pond	1.20	0.50	1.0	0.22	0.17	0	0	.0048	.0248
4965	Solon	Spring	2.70	2.00	0.2	0.03	0.48	0	0	.0064	.0040
4966	East Lebanon	Well	2.55	0.70	0	0.05	1.02	.0004	0.06	.0050	.1076
4967	Kineo	Well	1.90	0.70	1.6	0.41	0.12	0	0.006	.0010	.0102
4968	Cape Neddick	Well	2.00	1.10	0	0.01	0.90	0	0.04	.0008	.0022
4969	Cape Neddick	Spring	3.05	1.40	0	0.01	1.18	0	0.13	.0010	.0026
4970	Greene	Spring	5.25	1.30	0	0.02	0.20	0	0	.0006	.0046
4971	Greene	Spring	5.40	1.40	0	0.02	0.20	0	0	.0004	.0054
4972	Farmington	Spring	2.55	1.00	0	0.02	0.30	0	0.03	.0024	.0036
4973	Lubec	Spring	5.15	3.10	9.0	1.01	1.35	.0001	0.15	.0010	.0214
4974	East Boothbay	Spring	3.35	2.00	1.8	0.05	1.57	0	0	.0014	.0044
4975	Kineo	Ice	0.38	1.80	0	0.02	0.01	0	0	.0002	.0050
4976	Bridgton	Spring	3.05	2.80	0	0.03	0.20	Trace	0.037	.0002	.0030
4977	York Harbor	Ice	3.05	3.30	1.6	1.14	2.51	Trace	Trace	.1920	.2840
4978	Milo	Public supply	1.15	0.60	2.9	0.54	0.10	0	0	.0024	.0134
4979	Madison	Public supply	1.25	0.70	2.0	0.50	0.04	0	0	.0018	.0138
4980	Skowhegan	Public supply	1.90	1.00	2.8	0.69	0.22	0	0	.0022	.0152
4981	Gardiner	Public supply	2.15	1.50	1.0	0.23	0.24	0	0	.0022	.0170
4982	Bemis	Spring	3.05	1.50	0	0.02	0.38	0	0.30	.0003	.0059
4983	Bemis	Spring	3.80	0.80	0	0.03	0.47	0	0.40	.0018	.0040
4984	Bemis	Well	4.40	3.30	0.1	0.08	0.10	Trace	0.025	.0012	.0050

4985 Bemis	Lake	1.15	0.80	2.1	0.38	0.025	0	0	.0018	.0138
4986 Dexter	Public supply	3.05	2.10	0.2	0.21	0.16	0	0	.0022	.0134
4987 Norridgewock	Public supply	2.30	2.20	3.8	0.24	0.44	.0005	0.01	.0032	.0094
4988 Caribou	Spring	17.40	14.50	0	0.02	0.70	.0001	0.10	0	.0062
4989 Dover	Public supply	2.55	1.30	6.6	1.17	0.15	0	0.01	.0130	.0186
4990 Farmington	Spring	2.55	1.70	0	0.04	6.18	0	0.045	.0002	.0030
4991 Kingfield	Public supply	2.05	2.00	1.9	0.48	0.10	0	0	.0018	.0100
4992 Newport	Public supply	3.85	3.00	1.7	0.41	0.20	0	Trace	.0028	.0172
4993 Wilton	Public supply	2.00	1.60	0.2	0.11	0.14	0	0	.0018	.0092
4994 Oakland	Public supply	2.00	1.40	1.5	0.27	0.20	0	0	.0018	.0164
4995 Buckfield	Spring	4.10	3.80	0	0.03	0.25	.0001	Trace	0	.0036
4996 Richmond	Public supply	2.55	2.00	2.6	0.93	0.53	Trace	Trace	.0022	.0134
4997 Hallowell	Public supply	2.70	2.20	1.3	0.35	0.35	0	0	.0007	.0195
4998 North New Portland	Public supply	2.15	1.80	0	0.03	0.11	Trace	0.04	.0002	.0040
4999 Pittsfield	Public supply	2.70	1.60	2.6	0.54	0.13	0	Trace	.0036	.0192
5000 Waterville	Public supply	2.30	1.60	0.5	0.24	0.22	0	0	.0007	.0161
5001 Bridgton	Well	2.95	2.50	0	0.01	0.35	0	0.15	0	.0038
5002 Mars Hill	Brook	5.80	4.80	0.1	0.18	0.13	0	0.035	.0022	.0102
5003 Castine	Public supply	5.15	3.10	0	0.02	0.47	0	0.075	.0004	.0058
5004 Bangor	Public supply	2.55	0.20	0.6	0.58	0.08	0	0	.0042	.0080
5005 Dexter	Well	23.85	14.20	1.4	0.30	3.50	.0025	0.25	.0170	.0640
5006 Bar Harbor	Public supply	1.15	0.60	0.2	0.11	0.60	0	0	.0026	.0064
5007 Old Town	Public supply	2.15	1.50	4.1	1.45	0.12	0	0	.0070	.0250
5008 Warren	Spring	3.05	3.0	0	0.03	0.57	Trace	0.01	.0022	.0050
5009 Yarmouth	Spring	3.20	2.60	0	0.02	0.35	.0002	0.10	.0003	.0041
5010 Searsport	Public supply	1.50	1.00	0.5	0.13	0.225	0	0	.0018	.0126
5011 Lubec		7.70	5.60	0.5	0.08	1.48	.0006	0.15	.0100	.0136
5012 Lubec		4.75	2.20	4.5	1.07	1.31	0	0.01	.0054	.0330
5013 Lubec		8.90	6.50	0.2	0.05	1.40	.0001	0.15	.0036	.0148
5014 Lubec		6.70	4.00	3.8	0.85	1.64	0	0.15	.0120	.0204
5015 Lubec	Public supply	6.95	5.00	2.2	0.37	1.54	0	0	.0003	.0091
5016 Woodland	Public supply	1.60	1.00	5.2	1.04	0.17	0	0	.0022	.0192
5017 Union	Public supply	3.85	3.60	1.2	0.15	0.48	0	0	0	.0154
5018 Eastport	Public supply	2.55	1.50	2.7	0.46	0.45	0	0	.0024	.0182
5019 Farmington	Spring	2.95	2.80	0.2	0.16	0.05	0	0	.0012	.0064
5020 Rumford Point	Springs	1.80	1.40	0	0.02	0.09	0	0	0	.0034
5021 Yarmouth	Public supply	3.30	3.00	0	0.01	0.36	Trace	0.125	.0002	.0056
5022 Bucksport	Public supply	2.50	2.00	5.4	0.46	0.33	0	0	.0036	.0264
5023 Ellsworth	Ellsworth	1.40	0.80	1.0	0.31	0.25	0	0	.0016	.0128
5024 Camden	Public supply	1.25	1.20	0.1	0.08	0.40	0	0	.0010	.0072
5025 Brewer	Public supply	2.40	1.20	6.0	1.84	0.17	0	Trace	.0090	.0128
5026 Millinocket	Public supply	2.00	1.80	3.6	0.67	0.05	0	0	.0034	.0130
5027 Bath	Public supply	1.90	1.20	0.6	0.20	0.17	0	Trace	.0002	.0092

ANALYSES OF SAMPLES OF WATER—Continued.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
5028	Machias	Public supply	1.50	1.10	11.0	1.77	0.275	0	0.02	.0056	.0254
5029	Brewer	Well	6.45	3.30	0	0.04	1.23	0	0.40	0	.0076
5030	New Vineyard	Well	3.30	2.30	0	0.11	0.09	0	0.015	.0014	.0022
5031	Winterport	Public supply	5.15	4.50	0.9	0.16	0.36	0	0.025	.0012	.0080
5032	Canton	Spring	1.50	1.30	0	0.01	0.13	0	0	0	.0042
5033	Seal Harbor	Public supply	1.25	0.80	0.6	0.14	0.62	0	0	.0007	.0069
5034	Orono	Public supply	2.00	1.20	3.2	0.59	0.22	0	0	.0022	.0144
5035	Milbridge	Public supply	2.35	2.00	0	0	0.65	Trace	0	0	.0032
5036	Bingham	Public supply	3.85	2.70	0	0.02	0.25	0	0.10	.0005	.0031
5037	Bingham	Pond	1.65	0.90	1.0	0.33	0.10	0	0	.0018	.0212
5038	Bingham	Public supply	6.15	4.30	0	0.01	0.48	0	0.20	.0002	.0024
5039	Bingham	Public supply	3.60	3.10	0	0.01	0.12	0	0.03	.0018	.0026
5040	West Minot	Spring	3.85	3.20	0	0.01	0.17	0	0	0	.0036
5041	Northeast Harbor	Public supply	1.10	0.40	1.0	0.24	0.63	0	0	.0026	.0128
5042	Sangerville	Public supply	3.20	3.00	0.9	0.29	0.14	0	0	.0070	.0136
5043	Farmington	Spring	1.60	0.80	0.1	0.02	0.11	Trace	0.045	.0032	.0060
5044	Temple	Spring	1.70	0.9	0.1	0.03	0.11	0	0.05	.0012	.0042
5045	Hebron	Public supply	1.65	1.30	1.7	0.14	0.16	0	0	.0030	.0270
5046	Biddeford	Well	3.50	1.80	1.8	0.55	1.10	0	0	.0018	.0166
5047	Lewiston	Public supply	1.60	1.40	0.2	0.15	0.20	0	0	.0016	.0128
5048	Fort Fairfield	Well	13.90	10.90	0	0.02	0.85	.0001	0.40	.0012	.0030
5049	Portland	Public supply	1.55	0.70	0.6	0.15	0.13	0	0	.0014	.0096
5050	Presque Isle	Stream	4.55	3.20	4.3	1.07	0.16	0	Trace	.0070	.0254
5051	East Wilton	Well	2.75	2.20	0	0.03	0.25	Trace	0.125	0	.0036
5052	West Peru	Spring	1.65	1.10	0.6	0.15	0.05	0	0.01	.0002	.0070
5053	Damariscotta	Public supply	1.45	0.50	1.0	0.11	0.38	0	0	.0016	.0154
5054	Auburn	Public supply	1.65	1.30	0.6	0.11	0.19	0	0	.0016	.0134
5055	Brunswick	Public supply	2.60	2.00	0.1	0.03	0.45	0	0.02	.0002	.0030
5056	Gorham	Public supply	1.60	1.20	0.5	0.15	0.17	0	0	.0007	.0113

5057	Warren	Public supply	4.10	3.20	0.2	0.03	0.47	0	0	.0007	.0065
5058	Lisbon Falls	Public supply	5.50	4.30	0	0.11	0.39	Trace	0	0	.0036
5059	Brooks	Public supply	3.05	2.30	0.1	0.01	0.20	0.002	0.025	.0007	.0055
5060	Bath	Public supply	1.45	0.90	1.7	0.31	0.35	0	0	0	.0070
5061	Rumford	Public supply	2.45	1.00	3.5	0.78	0.18	0	0	0	.0070
5062	Bath	Public supply	1.60	0.70	3.5	0.70	0.45	0	0	0	.0070
5063	Portland	Drilled well	2.45	9.40	1.2	0.57	4.85	0	Trace	0	.0054
5064	Freeport	Public supply	2.75	1.70	1.5	0.27	0.61	0	0.035	.0054	.0058
5065	Rangeley	Public supply	1.45	0.70	2.1	0.43	0.06	0	Trace	0	.0018
5066	Mexico	Public supply	2.90	1.30	1.7	0.38	0.14	0	0	0	.0056
5067	East Millinocket	Public supply	9.45	7.50	0	0.01	0.10	.0001	0	0	.0020
5068	Andover	Public supply	1.60	0.50	1.9	0.37	0.08	0	0	0	.0018
5069	Monson	Well	6.60	3.20	0	0.04	1.77	.0003	0.60	0	.0018
5070	Mechanic Falls	Public supply	2.50	1.70	1.0	0.22	0.25	0	0	0	.0012
5071	Kezar Falls	Public supply	2.45	1.60	0	0.03	0.04	0	0	0	.0002
5072	Vinalhaven	Public supply	1.60	1.10	1.2	0.32	1.28	Trace	0	0	.0056
5073	Stonington	Public supply	1.45	0.80	7.6	1.57	1.32	0	0.015	0	.0054
5074	Strong	Public supply	2.90	1.70	3.6	0.69	0.07	0	Trace	0	.0026
5075	Litchfield	Well	4.40	4.20	0.1	0.02	0.15	.0001	0	0	.0009
5076	Livermore Falls	Public supply	1.30	0.80	0.4	0.11	0.18	0	0	0	.0018
5077	Friendship	Public supply	2.45	1.50	0.3	0.04	1.40	.0001	0.20	0	.0002
5078	North Berwick	Public supply	2.15	0.50	3.4	0.59	0.32	0	0	0	.0007
5079	Harrington	Public supply	2.90	2.20	0.1	0.09	0.42	0	0	0	.0024
5080	Phillips	Well?	5.40	4.00	0	0.22	0.03	.0030	0	0	.0024
5081	Harrington	Public supply	2.90	2.20	0	0	0.70	.0003	0.065	0	.0016
5082	Fryeburg	Public supply	1.45	0.40	1.0	0.29	0.17	0	0	0	.0016
5083	Kennebunk	Public supply	1.45	0.70	6.4	0.84	0.55	0	0	0	.0022
5084	Milo	Well	5.10	4.50	0	0.01	0.44	Trace	0.07	0	.0004
5085	Phillips	Public supply	1.75	0.90	1.5	0.41	0.06	0	0	0	.0018
5086	Biddeford	Public supply	1.45	0.90	0	0.11	0.13	0	0	0	.0036
5087	Sanford	Public supply	1.90	1.10	0.1	0.01	0.27	0	0	0	.0004
5088	Farmington	Spring	2.50	1.20	0.3	0.11	0.55	0	0.20	0	.0002
5089	Rumford	Public supply	4.90	0.90	18.0	1.09	0.42	0	0.04	0	.0042
5090	Houlton	Public supply	5.25	3.90	3.1	0.66	0.17	0	0	0	.0007
5091	Dixfield	Public supply	2.35	1.20	7.2	1.20	0.17	0	0.02	0	.0034
5092	Berwick	Public supply	2.50	1.20	1.6	0.33	0.51	0	0	0	.0002
5093	Bridgton	Public supply	1.45	1.00	0.8	0.24	0.13	0	0	0	.0034
5094	South Berwick	Public supply	3.05	0.90	7.1	1.07	0.45	0	0	0	.0042
5095	Farmington Falls	Public supply	4.10	2.70	0	0.01	0.09	0	0	0	.0048
5096	Sebago	Well	1.45	0.50	1.9	0.46	0.16	0	0	0	.0018
5097	Bath	Well	3.65	1.30	0.9	0.23	0.83	0	0.03	0	.0018
5098	Norway	Public supply	2.20	1.80	1.2	0.24	0.17	0	0	0	.0004
5099	Bath	Spring	2.35	1.50	0	0.06	0.65	.0001	0.12	0	.0016

ANALYSES OF SAMPLES OF WATER—Continued.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
5100	Readfield	Well	2.90	0.70	0.8	0.38	0.43	0	0	.0032	.0238
5101	South Paris	Public supply	2.20	0.70	2.6	0.48	0.27	0	0	.0018	.0134
5102	York Village	Public supply	1.45	0.50	2.0	0.16	0.63	0	0	.0007	.0093
5103	Van Buren	Public supply	6.15	5.10	1.2	0.26	0.12	0	0	.0007	.0065
5104	East Sumner	Spring	2.90	1.50	0	0.01	0.20	0	0.03	0	.0022
5105	Greenville	Well	2.00	1.30	0.3	0.09	0.35	.0001	0.10	.0012	.0082
5106	Springvale	Public supply	2.20	0.50	0	0.02	0.22	0	0.02	.0022	.0080
5107	Greenville	Drilled well	6.75	6.50	0	0	0.10	0	0	0	.0030
5108	Boothbay Harbor	Public supply	1.45	0.70	1.4	0.23	0.72	0	0	.0007	.0177
5109	Winter Harbor	Public supply	1.45	1.00	4.2	0.71	0.92	0	0	.0018	.0197
5110	North Yarmouth	Public supply	3.35	2.40	0	0.04	0.30	0	0.04	0	.0036
5111	Bethel	Public supply	1.00	0.30	3.5	0.76	0.22	0	0.02	.0034	.0086
5112	Winthrop	Well	5.85	4.00	0.4	0.18	1.50	0	0.65	.0012	.0064
5113	Buckfield	Public supply	1.40	0.40	0.2	0.11	0.17	0	0	.0007	.0127
5114	Warren	Spring	2.90	2.20	1.6	0.05	0.44	0	0	.0042	.0074
5115	Stratton	Public supply	2.75	2.30	0.6	0.14	0.05	0	0	.0007	.0045
5116	Rumford Point	Spring	1.45	0.60	0	0.04	0.18	0	0	0	.0052
5117	Patten	Public supply	7.35	5.00	0.2	0.10	0.25	0	0.08	0	.0054
5118	Rumford Point	Spring	1.45	0.40	0.1	0.05	0.14	0	0	.0032	.0098
5119	Greene	Spring	3.20	2.00	0.1	0.04	0.18	0	0.035	.0007	.0039
5120	Presque Isle	Public supply	12.20	8.30	0.9	0.31	0.48	.0001	0.08	.0046	.0128
5121	Hartland	Drilled well	13.20	7.60	0.1	0.04	0.85	.0003	0.03	0	.0022
5122	Milbridge	Public supply	2.10	1.00	4.1	0.63	0.66	0	0	.0032	.0132
5123	Bangor	Drilled well	15.35	9.10	1.0	0.01	0.41	0	0	0	.0012
5124	Cornish	Spring	1.90	0.60	0	0.01	0.72	0	0.015	0	.0022
5125	Kingfield	Spring	2.45	1.20	0.2	0.02	0.72	0	0.35	.0002	.0050
5126	Freeman	Spring	2.30	0.90	0.2	0.04	0.24	0	0.04	.0016	.0056
5127	Greene	Spring	3.00	1.40	0	0.02	0.18	0	0.03	0	.0024
5128	Farmington	Public supply	2.20	1.10	0.7	0.13	0.04	0	0	.0002	.0102

5129	Kittery	Public supply	1.45	0.30	6.1	0.46	0.50	0	0.015	.024	.0208
5130	Fort Fairfield	Public supply	12.60	9.10	0.2	0.11	0.14	0	0.01	.0002	.0080
5131	Brownville	Public supply	2.90	1.00	3.0	0.72	0.27	0	0.04	.0016	.0128
5132	Milo Jct.	Public supply	2.10	0.60	5.9	1.07	0.16	0	0	.0036	.0210
5133	Brownville	Public supply	2.20	1.30	0	0	0.03	0	0.035	0	.0016
5134	Milo Jct.	Drilled well	3.80	2.00	0	0	0.45	0	0.07	0	.0020
5135	Caribou	Public supply	3.40	1.50	4.2	0.93	0.12	0	0	.0018	.0128
5136	Greenville Jct.	Well	2.30	1.00	0	0.03	0.37	0	0.04	0	.0016
5137	Warren	Spring	4.90	3.40	0.1	0.02	0.44	.0001	0	.0002	.0034
5138	East Wilton	Well	1.45	1.20	0	0	0.29	0	0.10	.0002	.0020
5139	Brownville	Public supply	3.95	3.10	0	0.02	0.24	0	0.03	.0002	.0020
5140	Dennysville	Well	7.45	4.80	1.5	0.19	0.27	.0007	0.10	.0007	.0119
5141	Dennysville	Spring	8.80	5.40	0	0.04	0.14	0	0.175	.0002	.0050
5142	Andover	Spring	2.20	1.00	0.2	0.08	0.08	.0006	0.06	.0022	.0040
5143	Boothbay Harbor	Public supply	1.45	0.20	1.3	0.30	0.71	0	0	.0020	.0178
5144	Pemaquid Point	Spring	3.35	0.40	0	0.10	6.00	0	0.04	.0048	.0046
5145	Boothbay Harbor	Public supply	1.45	0.20	1.3	0.33	0.71	0	0	.0018	.0200
5146	Winthrop	Public supply	2.35	0.80	0.4	0.12	0.27	0	0	.0018	.0176
5147	Winthrop	Public supply	5.85	1.30	0	0	0.90	Trace	0.125	.0012	.0026
5148	Winthrop	Public supply	5.10	3.80	0.3	0.03	0.10	Trace	0.02	.0018	.0054
5149	Winthrop	Public supply	1.45	0.50	0.3	0.01	0.20	0	0.02	.0002	.0034
5150	Howland	Well	5.85	0.30	0.1	0.05	8.00	.0020	5.50	.0024	.0044
5151	Martinsville	Well	2.90	0.40	2.7	0.25	1.40	.0004	0.70	.1010	.0210
5152	Rumford	Public supply	4.40	0.10	14.0	0.90	0.425	0	0.04	.0070	.0064
5153	Rumford	Public supply	1.30	0.20	15.0	1.02	0.425	0	0.04	.0120	.0064
5154	Rumford	Public supply	1.30	0.20	14.0	0.86	0.420	0	0.035	.0007	.0093
5155	Rumford	Public supply	4.40	0.30	14.0	0.95	0.425	0	0.04	.0086	.0088
5156	Rumford	Public supply	4.60	0.40	14.0	0.92	0.425	0	0.035	.0118	.0086
5157	Rumford	Public supply	4.55	0.30	27.5	1.79	0.425	0	0.04	.0084	.0138
5158	Mt. Vernon	Well	4.65	1.10	0.7	0.09	0.12	0	0	.0060	.0064
5159	Rumford	Public supply	3.70	0.40	18.0	1.20	0.425	0	0.04	.0070	.0106
5160	Thomaston	Public supply	1.45	0.60	0.3	0.07	0.40	0	0	.0002	.0084
5161	Rumford	Public supply	4.60	0.30	14.0	0.94	0.425	0	0.04	.0100	.0076
5162	Hineckley	Springs	7.30	1.20	0.5	0.16	0.85	0	0.02	.0018	.0060
5163	Hineckley	Cistern	2.90	0.30	4.9	1.23	0.10	0	0	.0096	.0186
5164	Vinalhaven	Public supply	1.45	0.70	1.7	0.44	1.27	0	0	.0054	.0210
5165	Livermore Falls	Well	5.55	2.00	0	0.05	0.67	0	0.60	.0002	.0054
5166	Parsonsfield	Springs	1.90	1.00	0	0.01	0.17	.0001	0	0	.0036
5167	Parsonsfield	Springs	1.90	1.00	0	0.02	0.20	0	0	0	.0034
5168	Parsonsfield	Springs	2.60	1.20	0	0.03	0.10	.0002	0	.0042	.0030
5169	Parsonsfield	Springs	2.90	2.50	0.2	0.02	0.17	.0002	0	.0032	.0088
5170	Parsonsfield	Springs	2.00	1.30	0	0.01	0.10	.0004	0	.0007	.0025
5171	Parsonsfield	Springs	1.90	0.60	0.2	0.02	0.15	0	0	0	.0036

ANALYSES OF SAMPLES OF WATER—Continued.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
5172	Brownville.	Public supply.	3.20	0.40	1.2	0.10	0.20	0	0.02	0	.0048
5173	North Lebanon.	Well.	5.10	1.00	0.2	0.06	0.42	.0012	0.015	.0520	.0246
5174	New Sharon.	Drilled well.	6.90	6.30	0.6	0.01	0.12	0	0	.0007	.0035
5175	Togus.	Well.	2.90	2.00	1.3	0.19	0.77	0	0.60	.0038	.0126
6176	Augusta.	Public supply.	1.60	1.10	0.6	0.23	0.24	0	0	.0054	.0132
6177	Old Town.	Well.	8.80	4.50	0.5	0.07	3.18	0	0.75	.0042	.0036
6178	Salem.	Well.	3.65	3.00	0	0.12	3.65	0	0.15	.0018	.0036
6179	Surry.	Well.	2.90	1.30	0.4	0.12	0.61	.0003	0.10	.0018	.0102
6180	Springvale.	Well.	1.90	1.70	0.1	0.02	0.17	0	0.035	.0070	.0050
5181	Springvale.	Spring and wells.	1.45	1.00	0.6	0	0.14	0	0	.0012	.0030
5182	Warren.	Well.	8.80	4.50	0.5	0.06	1.07	0	0.20	.0012	.0098
5183	Livermore Falls.	Well.	9.25	7.20	0	0.01	0.85	0	0.125	0	.0036
5184	New Sharon.	Well.	5.85	4.20	0.2	0.03	0.14	0	0.07	.0004	.0038
5185	Chesterville.	Well.	10.25	6.30	0	0	0.86	Trace	0.35	0	.0038
5186	Norway.	Well.	8.80	2.70	0.3	0.09	4.65	.0016	3.25	.0070	.0050
5187	Greene.	Spring.	2.40	1.70	0.1	0.02	0.17	0	0.02	.0022	.0030
5188	Rumford.	Spring.	3.90	2.20	1.4	0.26	0.20	0	0	.0005	.0105
5189	Rumford.	Spring.	1.60	1.20	1.3	0.26	0.25	0	0	.0002	.0050
5190	Rumford.	Public supply.	1.45	0.70	1.8	0.42	0.19	0	0.01	.0018	.0102
5191	Rumford.	River.	1.45	1.10	2.1	0.52	0.08	0	0	.0018	.0086
5192	Rumford.	River.	1.60	0.20	4.3	2.73	0.13	0	Trace	.0096	.0104
5193	Greene.	Spring.	2.00	1.50	0.3	0.11	0.27	.0005	0.016	.0012	.0100
5194	Rumford.	Public supply.	1.90	1.70	1.8	0.40	0.17	0	0	.0007	.0111
5195	Rumford.	River.	0.90	0.40	2.3	0.48	0.10	0	0	.0018	.0078
5196	Rumford.	Public supply.	1.45	0.60	1.6	0.30	0.15	0	0	.0018	.0074
5197	Farmington.	Well.	7.45	6.00	0	0.09	2.41	.0002	0.70	.0007	.0111
5198	Kezar Falls.	Spring.	1.60	1.00	0.5	0.22	0.40	0	0.08	.0022	.0134
5199	Washington.	Stream.	1.45	1.20	1.5	0.36	0.25	0	0	.0036	.0150
5200	Hallowell.	Spring.	7.35	5.30	0	0.02	1.27	.0001	0.04	.0020	.0058

5201	Waldoboro	Well	1.60	1.10	0	0.08	1.20	0	0	.0018	.0102
5202	Dexter	Well	18.35	7.20	0	0.07	5.05	Trace	2.25	.0018	.0074
5203	Caribou	Spring	13.80	8.20	0.2	0.03	0.88	.0002	0.30	.0066	.0108
5204	Danforth	Public supply	10.40	8.50	0.2	0.07	0.40	Trace	0.087	.0018	.0060
5205	New Sharon	Spring	4.50	2.10	0	0	0.32	0	0.075	.0002	.0030
5206	Greenville	Well	2.90	0.70	0	0	1.61	0	0.065	0	.0038
5207	Mechanic Falls	Spring	7.30	2.00	0	0.02	6.20	0	0.08	.0012	.0044
5208	Rumford	Well	1.30	1.00	0	0.01	0.09	0	0.16	0	.0036
5209	Augusta	Public supply	5.85	5.20	0.2	0.03	0.30	0	0.045	0	.0036
5210	West Sumner	Public supply	1.75	1.40	0.3	0.01	0.09	0	0.015	.0002	.0020
5211	West Sumner	Public supply	4.40	3.00	0.3	0	0.10	0	0.03	.0016	.0020
5212	Bowdoinham	Well	4.40	2.70	0.5	0.13	0.58	.0003	0.275	.0007	.0113
5213	Charleston	Well	13.96	7.10	0.4	0.09	0.45	0	0.15	.0007	.0029
5214	East Dixfield	Well	8.80	6.50	0.2	0.03	2.40	.0002	0.67	.0066	.0032
5215	Brewer	Fond	1.15	0.80	0.5	0.29	0.22	0	0	.0022	.0106
5216	Rockland	Drilled well	9.25	6.90	0	0.19	0.50	Trace	0	.0006	.0032
5217	North Lebanon	Well	4.50	2.20	0	0.03	0.77	.0003	0.16	.0016	.0034
5218	Rangeley	Well	5.85	3.10	0	0.03	0.77	0	0.25	.0002	.0034
5219	Rumford	Public supply	4.50	2.70	8.0	0.84	0.42	0	0.04	.0050	.0094
5220	Fryeburg Center	Spring	2.90	1.10	3.5	0.77	0.25	Trace	0	.0010	.0138
5221	Fryeburg Center	Spring	2.90	1.10	3.5	0.78	0.25	0	0	.0014	.0138
5222	Presque Isle	Stream	3.65	1.90	5.3	1.50	0.20	0	0.015	.0024	.0282
5223	Kennebunkport	Well	7.30	4.00	2.8	0.06	0.50	Trace	0	.0238	.0046
5224	Farmington	Well	1.75	1.30	0	0	0.25	0	0.26	0	.0026
5225	Mexico	Well	2.90	2.00	0	0.03	0.23	.0020	0.075	.0018	.0038
5226	Dixfield	Spring	1.60	1.20	0.6	0.09	0.17	0	0.015	.0002	.0032
5227	Readfield Depot	Well	1.90	1.50	0.1	0.03	0.31	0	0.09	.0012	.0032
5228	Saco	Well	4.40	3.50	0.2	0	0.41	Trace	0.09	.0002	.0020
5229	North Jay	Well	2.90	1.50	0.2	0.03	1.15	0	0.45	.0002	.0044
5230	South Paris	Well	3.65	2.90	0.1	0.01	0.54	0	0.125	.0007	.0015
5231	Portland	Well	13.95	10.20	0.4	1.86	10.56	.0005	0.70	.0150	.0094
5232	Rumford	Spring	1.60	1.10	0.9	0.23	0.22	0	0.01	.0018	.0100
5233	West Peru	Well	1.75	1.10	0.2	0.03	0.02	0	0.02	.0002	.0050
5234	Camden	Lake	1.60	1.00	0.9	0.21	0.58	0	0	.0018	.0178
5235	Strong	Spring	2.20	1.40	0	0.01	0.05	Trace	0.03	.0007	.0029
5236	Rangeley	Well	3.20	1.90	0	0.08	0.65	Trace	0.30	.0002	.0034
5237	Readfield	Spring	5.10	4.10	0	0.07	0.20	0	0.015	0	.0076
5238	Foxcroft	Well	22.75	11.50	0.1	0.01	1.75	0	0.65	0	.0032
5239	York	Well	5.40	2.00	2.5	0.68	3.30	0	Trace	.0056	.0232
5240	York	Well	5.85	2.00	0.1	0.18	3.75	0	0.55	.0012	.0070
5241	Bowdoinham	Well	22.05	12.10	0.6	0.08	3.44	.0001	0.02	.0316	.0110
5242	Vassalboro	Well	18.80	7.10	0.8	0.45	1.85	.0010	1.25	.0036	.0384
5243	Orono	Public supply	2.90	0.80	18.0	3.02	0.30	0	0.02	.0096	.0440
5244	Greenville Jct.	Well	6.00	2.40	0.2	0.06	2.17	.0060	0.225	.0210	.0116
5245	Greenville Jct.	Well	7.00	5.10	0	0.07	0.09	Trace	0.08	.0022	.0016

ANALYSES OF SAMPLES OF WATER—Concluded.

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STATE BOARD OF HEALTH.

Number.	TOWN OR CITY.	SOURCE.	Hardness.	Alkalinity.	Color.	Oxygen consumed.	Chlorine.	Nitrite.	Nitrate.	AMMONIA.	
										Free.	Albuminoid.
5246	Dover	Public supply	2.30	0.90	3.7	0.76	0.12	0	Trace	.0012	.0144
5247	North Leeds	Spring	2.20	1.40	0	0.02	0.14	0	0	.0032	.0020
5248	East Dixfield	Well	2.30	1.60	0	0.03	0.52	0	0.035	0	.0042
5249	Island Falls	Public supply	3.95	2.90	3.2	0.80	0.10	0	0.03	.0036	.0136
5250	Strong	Spring	2.45	1.30	0	0.03	0.04	0	0.02	.0007	.0025
5251	Charleston	Well	16.90	9.30	0	0.01	2.02	Trace	0.80	.0004	.0026
5252	Mexico	Well	2.20	1.10	0	0.03	0.19	0	0.06	0	.0036
5253	Brownfield	Spring	1.45	0.50	0.2	0.04	0.10	0	0	.0016	.0020
5254	Greene	Spring	2.00	1.00	0	0.02	0.15	Trace	0	.0007	.0070
5255	Swan's Island	Well	2.60	0.90	0.2	0.12	2.55	0	0.045	.0016	.0102
5256	Alfred	Well	2.90	1.50	0.1	0.04	0.90	.0002	1.25	.0100	.0096
5257	Greene	Spring	1.80	1.00	0	0.01	0.15	0	0	0	.0062
5258	Turner	Well	1.45	1.00	0	0	0.32	0	0.03	.0002	.0034
5259	New Sharon	Well	17.35	11.10	0.1	0.10	3.45	0	0.07	.0014	.0090
5260	Jefferson	Well	2.60	1.40	0.1	0.05	1.10	0	0.08	.0018	.0030
5261	Cape Neddick	Well	10.25	2.30	4.5	1.59	14.83	.003	4.00	.0290	.0540
5262	South Portland	Creek	2.90	1.20	9.5	1.66	4.20	0	0.04	.0070	.0420
5263	Lisbon	Driven well	9.10	5.00	0	0.03	2.05	0	Trace	.0016	.0020
5264	Portland	Driven well	1.45	0.30	0.4	0.72	4.90	.0002	0	.0580	.0890
5265	Dover	Well	10.25	4.30	0	0.01	0.80	0	0.125	.0016	.0046
5266	South Paris	Well	1.45	0.90	1.3	0.31	0.20	0	Trace	.0016	.0094
5267	Dover	Well	16.30	10.30	0	0.04	0.71	0	0.50	.0016	.0094
5268	Winthrop Center	Drilled well	6.90	4.50	0	0	0.42	0	0.12	.0030	.0062
5269	North Gorham	Spring	1.15	0.40	0	0.02	0.20	0	Trace	.0005	.0007
5270	West Lebanon	Spring	1.75	0.60	0	0	0.24	0	0.03	.0002	.0048
5271	West Lebanon	Spring	1.17	0.50	0	0.01	0.24	0	0.025	.0034	.0086
5272	West Lebanon	Well	2.90	0.20	0	0.03	2.94	.0006	0.20	.0086	.0026
5273	Livermore Falls	Spring	3.95	1.00	0	0.02	0.22	0	0.10	0	.0052
5274	Buxton	Spring	1.75	0.50	15.0	3.00	0.32	0	0.03	.0070	.0396
5275	Buxton	Spring	1.45	0.70	8.5	1.60	0.50	0	0.02	.0056	.0302

DIPHTHERIA—Jan. 1, 1910, to Dec. 31, 1911.

(Inclusive)

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Alfred	11	3	14	5	9	4	1	7	2	0	1	15
Andover	1	0	1	0	1	0	0	1	0	0	0	1
Ashland	12	14	26	5	21	4	1	8	3	0	1	27
Athens	4	5	9	1	8	1	0	3	5	0	0	9
Auburn	45	44	89	21	68	13	8	32	36	0	3	92
Augusta	52	141	193	27	166	3	25	49	117	0	4	197
Bangor	1	4	5	1	4	1	0	0	4	0	0	5
Bar Harbor	79	123	202	54	148	22	32	57	91	4	14	220
Bath	105	122	227	52	175	29	23	76	99	1	3	231
Belfast	3	6	9	1	8	0	1	3	5	0	0	9
Belgrade	1	0	1	1	0	1	0	0	0	0	0	1
Bethel	3	2	5	1	4	4	0	1	3	1	0	5
Biddeford	13	15	28	5	23	1	4	12	11	0	0	28
Bingham	13	11	24	9	15	4	5	9	6	0	0	24
Boothbay Harbor	27	49	76	13	63	7	6	20	43	1	1	78
Bradford	1	2	3	0	3	0	0	1	2	0	0	3
Brewer	0	1	1	0	1	0	0	0	1	0	0	1
Bridgton	2	2	4	0	4	0	0	2	2	0	0	4
Brooks	2	0	2	0	2	0	0	2	0	0	0	2
Brunswick	4	5	9	2	7	2	0	2	5	0	0	9
Bryants Pond	2	19	21	7	14	1	6	1	13	0	0	21
Bucksport	0	3	3	1	2	0	1	0	2	0	0	3
Calais	26	44	70	22	48	8	14	18	30	3	0	73
Camden	0	2	2	0	2	0	0	0	2	0	0	2
Canaan	1	3	4	0	4	0	0	1	3	0	0	4
Caribou	43	41	84	16	68	9	7	34	34	1	1	86
Carmel	0	3	3	0	3	0	0	0	3	0	0	3
Charleston	1	0	1	0	1	0	0	1	0	0	0	1
Cherryfield	1	1	2	0	2	0	0	1	1	0	0	2
Chisholm	1	0	1	1	0	1	0	0	0	0	0	1
Clinton	0	2	2	0	2	0	0	0	2	0	0	2
Corinna	3	0	3	1	2	1	0	2	0	0	0	3
Cornish	7	0	7	3	4	3	0	4	0	0	0	7
Cumberland Center	2	4	6	0	6	0	0	2	4	0	0	6
Cumberland Mills	2	0	2	1	1	1	0	1	0	0	0	2
Damariscotta	7	5	12	5	7	4	1	3	4	0	1	13
Danforth	16	21	37	11	26	2	9	14	12	0	0	37
Deer Isle	1	0	1	0	1	0	0	1	0	0	1	2
Dennysville	2	4	6	2	4	1	1	1	3	0	0	6
Dexter	1	4	5	1	4	0	1	1	3	0	0	5
Dixfield	1	1	2	1	1	1	0	0	1	0	0	2
Dover	1	2	3	0	3	0	0	1	2	0	0	3
East Lebanon	5	2	7	3	4	2	1	3	1	0	0	7
East Machias	2	1	3	1	2	1	0	1	1	0	0	3
East Millinocket	8	2	10	5	5	5	0	3	2	0	0	10
Eastport	25	32	57	19	38	8	11	17	21	0	1	58
Eliot	0	1	1	0	1	0	0	0	1	0	0	1
Ellsworth	2	6	8	0	8	0	0	2	6	0	0	8
Fairfield	3	6	9	2	7	2	0	1	6	0	0	9
Farmington	3	2	5	0	5	0	0	3	2	0	0	5
Fort Fairfield	7	7	14	5	9	4	1	3	6	0	0	14
Fort Kent	1	4	5	1	4	1	0	0	4	0	0	5
Fort Preble	1	1	2	0	2	0	0	1	1	0	0	2
Foxcroft	0	2	2	0	2	0	0	0	2	0	0	2
Friendship	3	14	17	5	12	0	5	3	9	0	0	17
Fryeburg	4	2	6	2	4	4	1	1	3	1	2	8
Gardiner	8	8	16	5	11	3	2	5	6	0	0	16
Garland	0	1	1	0	1	0	0	0	1	0	0	1
Goodwin's Mills	1	0	1	0	1	0	0	0	1	0	0	1
Gorham	3	3	6	2	4	1	1	2	2	0	0	6
Gray	0	6	6	1	5	0	1	0	5	0	0	6
Greene	2	1	3	1	2	0	1	2	0	0	0	3
Greenville	6	9	15	1	14	0	1	6	8	0	0	15
Guilford	3	14	17	2	15	0	2	3	12	0	0	17
Hallowell	10	14	24	1	23	1	0	9	14	0	0	24

DIPHTHERIA—Continued.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Harmony	2	3	5	2	3	1	1	1	2	0	0	5
Harrington	0	2	2	1	1	1	1	0	1	0	0	2
Harrison	1	2	3	0	3	0	0	1	2	0	0	3
Hartland	2	10	12	5	7	1	4	1	6	0	0	12
Hebron	4	9	13	0	13	0	0	4	9	0	2	15
Hinckley	42	2	44	7	37	7	0	35	2	0	1	45
Hiram	0	1	1	0	1	0	0	0	1	0	0	1
Houlton	11	28	39	8	31	0	8	11	20	1	0	40
Island Falls	0	2	2	0	2	0	0	0	2	0	0	2
Jefferson	6	5	11	1	10	1	0	5	5	0	0	11
Kennebunk	4	3	7	1	6	1	0	3	3	0	0	7
Kennebunkport	3	5	8	3	5	3	0	0	5	0	0	8
Kezar Falls	0	1	1	1	0	0	1	0	0	0	0	1
Kingfield	3	0	3	1	2	1	0	2	0	0	0	3
Kittery	4	7	11	2	9	1	1	3	6	0	0	9
Kittery Point	1	0	1	0	1	0	0	1	0	0	0	1
Lewiston	59	72	131	32	99	14	18	45	54	0	1	132
Limestone	0	2	2	0	2	0	0	0	2	0	0	2
Lisbon	0	1	1	0	1	0	0	0	1	0	0	1
Lisbon Falls	0	1	1	0	1	0	0	0	1	0	0	1
Litchfield	3	3	6	1	5	1	0	0	3	0	0	6
Livermore	0	1	1	0	1	0	0	0	1	0	0	1
Livermore Falls	13	9	22	4	18	2	2	11	7	2	1	25
Lovell	1	0	1	0	1	0	0	0	0	0	0	1
Lubec	7	12	19	8	11	4	4	3	8	0	0	19
Machias	7	3	10	1	9	0	0	6	3	0	0	10
Madison	1	4	5	0	5	0	0	1	4	0	0	5
Mapleton	0	1	1	0	1	0	0	0	1	0	0	1
Mars Hill	1	1	2	1	1	1	0	0	1	0	0	2
Mechanic Falls	1	0	1	0	1	0	0	1	0	0	0	1
Mexico	0	1	1	0	1	0	0	0	1	0	0	1
Millinocket	0	1	1	0	1	0	0	0	1	0	0	1
Milltown	1	1	2	0	2	0	0	1	1	0	0	2
Milo	1	0	1	0	1	0	0	1	0	0	0	1
Monmouth	1	0	1	0	1	0	0	1	0	0	0	1
Monson	1	1	2	1	1	0	1	1	0	0	0	2
Morrill	1	1	2	1	1	1	0	0	1	0	0	2
Mount Vernon	5	20	25	9	16	1	8	4	12	0	1	26
National Home	0	3	3	0	3	0	0	0	3	0	0	3
New Sweden	1	2	3	2	1	1	1	0	1	0	0	3
Norridgewock	1	0	1	1	0	1	0	0	0	0	0	1
North Anson	1	1	2	0	2	0	0	1	1	0	0	2
North Berwick	2	2	4	1	3	1	0	1	2	0	0	4
Northeast Harbor	5	11	16	0	16	0	0	5	11	0	0	16
North Fryeburg	1	4	5	0	5	0	0	1	4	0	0	5
North Vassalboro	1	5	6	1	5	0	1	1	4	0	0	6
North Windham	4	9	13	2	11	0	2	4	7	0	0	13
Norway	26	47	73	21	52	7	14	19	33	0	0	73
Oakland	22	16	38	3	35	1	2	21	14	0	0	38
Ogunquit	0	1	1	0	1	0	0	0	1	0	0	1
Old Town	27	23	50	1	49	1	0	26	23	0	0	50
Orono	2	3	5	1	4	1	0	1	3	0	0	5
Orrs Island	0	1	1	0	1	0	0	0	1	0	0	1
Oxbow	2	0	2	0	2	0	0	2	0	0	0	2
Pemaquid	9	2	11	2	9	2	0	7	2	0	2	13
Phillips	3	2	5	3	2	1	2	2	0	0	0	5
Phippsburg	0	1	1	0	1	0	0	0	1	0	0	1
Pittsfield	11	23	34	17	17	7	10	4	13	0	1	35
Portland	26	51	77	25	52	10	15	16	36	0	7	84
Portsmouth, N. H.	2	0	2	0	2	0	0	2	0	0	0	2
Presque Isle	23	33	56	13	43	5	8	18	25	1	0	57
Princeton	1	0	1	0	1	0	0	0	1	0	0	1
Prospect Harbor	0	1	1	0	1	0	0	0	1	0	0	1
Rangeley	4	0	4	0	4	0	0	4	0	0	0	4
Readfield	1	1	2	0	2	0	0	1	1	0	0	2

DIPHThERIA—Concluded.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Richmond.....	1	1	2	1	1	1	0	0	1	0	0	2
Ridlonville.....	3	3	6	0	6	0	0	3	3	0	0	6
Robbinston.....	6	0	6	1	5	1	0	0	0	0	0	6
Rockland.....	15	6	21	0	21	0	0	15	6	0	1	22
Rumford.....	24	20	44	4	40	3	1	21	19	0	1	45
Saint Francis.....	0	1	1	0	1	0	0	0	1	0	0	1
Sangerville.....	2	0	2	1	1	1	0	1	0	0	0	2
Searsport.....	16	9	25	3	22	2	1	14	8	0	0	25
Sedgwick.....	0	2	2	0	2	0	0	0	2	0	0	2
Shawmut.....	463	106	569	36	533	31	5	432	101	0	1	570
Sidney.....	9	6	15	5	10	2	3	7	3	0	0	15
Skowhegan.....	40	39	79	9	70	5	4	35	35	0	0	79
Smyrna Mills.....	4	0	4	0	4	0	0	4	0	0	0	4
Solon.....	1	2	3	0	3	0	0	1	2	0	0	3
South Berwick.....	12	5	17	4	13	3	1	9	4	0	0	17
South Eliot.....	9	15	24	5	19	2	3	7	12	0	0	24
South Gardiner.....	0	1	1	0	1	0	0	0	1	0	0	1
South Paris.....	8	15	23	4	19	2	2	6	13	0	0	23
South Portland.....	19	8	27	5	22	4	1	15	7	0	0	27
Southwest Harbor.....	0	0	2	0	2	0	0	0	2	0	0	2
South Windham.....	16	14	30	7	23	6	1	10	13	0	0	30
Springfield.....	2	1	3	0	3	0	0	0	0	1	0	3
Squirrel Island.....	0	1	1	0	1	0	0	0	0	2	0	2
Stockton Springs.....	0	2	2	0	2	0	0	0	0	0	0	2
Stonington.....	0	4	4	0	4	0	0	0	4	0	0	4
Sullivan.....	1	3	4	0	4	0	0	0	1	0	0	4
Thomaston.....	8	5	13	2	11	2	0	6	5	0	0	13
Thorndike.....	0	1	1	0	1	0	0	0	1	0	0	1
Topsham.....	0	4	4	0	4	0	0	0	4	0	0	4
Union.....	2	2	4	0	4	0	0	2	2	0	0	4
Van Buren.....	3	8	11	2	9	0	2	3	6	0	0	11
Vanceboro.....	1	0	1	1	0	1	0	0	0	1	0	2
Vinalhaven.....	0	3	3	1	2	0	1	0	2	0	0	3
Waldoboro.....	11	14	25	5	20	3	2	8	12	0	0	25
Warren.....	1	0	1	0	1	0	0	1	0	0	0	1
Washburn.....	5	12	17	1	16	1	0	4	12	0	0	17
Waterville.....	72	37	109	20	89	16	4	56	33	1	0	110
Weeks Mills.....	1	2	3	0	3	0	0	1	2	0	0	3
Westbrook.....	33	61	94	20	74	7	13	26	48	0	0	94
West Buxton.....	1	2	3	0	3	0	0	1	2	0	0	3
West Enfield.....	6	9	15	4	11	2	2	4	7	0	0	15
West Jonesport.....	0	2	2	0	3	0	0	0	2	0	0	2
West Paris.....	3	12	15	7	8	1	6	2	8	0	0	15
West Pembroke.....	0	2	2	1	1	0	1	0	1	0	0	2
West Pownal.....	2	2	4	2	2	1	1	1	1	0	0	4
West Sullivan.....	0	2	2	0	2	0	0	0	2	0	0	2
Wilton.....	6	2	8	4	4	3	1	3	1	0	0	8
Winn.....	5	13	18	7	11	3	4	2	9	0	0	18
Wiscasset.....	3	2	5	2	3	1	1	2	1	0	0	5
Woodfords.....	1	2	3	0	3	0	0	1	2	0	0	3
Woodland.....	2	4	6	0	6	0	0	2	4	0	0	6
Woolwich.....	1	1	2	0	2	0	0	1	1	0	0	2
Wytopitlock.....	7	5	12	4	8	3	1	4	4	0	0	12
Yarmouth.....	2	0	2	0	2	0	0	2	0	0	0	2
Yarmouthville.....	0	2	2	0	2	0	0	2	0	0	0	2
York Harbor.....	2	1	3	0	3	0	0	2	1	0	0	3
Total.....	1,784	1,781	3,565	677	2,888	239	338	1,445	1,443	17	51	3,633

TUBERCULOSIS—Jan. 1, 1910, to Dec. 31, 1911.
(Inclusive)

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Albion	3	0	3	1	2	1	0	2	0	0	0	3
Alfred	4	0	4	1	3	1	0	3	0	0	0	4
Amherst	0	0	0	0	0	0	0	0	0	0	3	3
Andover	5	5	10	7	3	3	4	2	1	0	0	10
Appleton	2	1	3	0	3	0	0	2	1	0	0	3
Ashland	7	6	13	0	13	0	0	7	6	0	0	13
Athens	5	0	5	1	4	1	0	4	0	0	0	5
Auburn	73	72	145	43	102	26	17	47	55	1	1	147
Augusta	118	115	233	38	195	17	21	101	94	4	15	252
Bangor	51	54	105	28	77	19	9	32	45	1	5	111
Bar Harbor	10	16	26	1	25	1	0	9	16	0	0	26
Bath	51	60	111	27	84	14	13	37	47	0	1	122
Belfast	15	8	23	6	17	2	4	13	4	0	0	23
Belgrade	1	0	1	0	1	0	0	1	0	0	0	1
Berwick	0	3	3	0	3	0	0	0	3	0	0	3
Bethel	1	1	2	1	1	1	0	1	0	0	0	2
Biddeford	48	58	106	35	71	17	18	31	40	0	0	106
Bingham	12	9	21	8	13	5	3	7	6	1	0	22
Blaine	1	3	4	0	4	0	0	1	3	0	0	4
Bluehill	13	4	17	9	8	7	2	6	2	1	1	19
Bolsters Mills	1	0	1	0	1	0	0	1	0	0	0	1
Boothbay Harbor	5	8	13	5	8	3	2	2	6	0	1	14
Bowdoinham	11	2	13	5	8	5	0	6	2	0	1	14
Bradford	8	8	16	7	9	3	4	5	4	0	0	16
Brewer	11	10	21	9	12	5	4	6	6	0	2	23
Bridgewater	1	4	5	2	3	0	2	1	2	0	0	5
Bridgton	7	10	17	6	11	3	3	4	7	0	0	17
Brooks	13	7	20	7	13	7	0	6	7	1	1	22
Brunswick	4	4	8	4	4	2	2	2	2	0	0	8
Bryants Pond	8	12	20	2	18	0	0	8	10	0	0	20
Buckfield	5	4	9	2	7	1	1	4	3	0	0	9
Bucksport	0	2	2	0	2	0	0	0	2	0	0	2
Calais	24	44	68	18	50	9	9	15	35	1	1	70
Canaan	14	23	37	10	27	5	5	9	18	0	0	37
Canaan	2	6	8	2	6	0	2	2	4	0	0	8
Canton	2	6	8	0	8	0	0	2	6	0	0	8
Caribou	14	10	24	8	16	4	4	10	6	0	0	24
Casco	0	1	1	0	1	0	0	0	1	0	0	1
Castine	2	4	6	1	5	0	1	2	3	0	0	6
Charleston	1	0	1	1	0	1	0	0	0	0	0	1
Chisholm	5	0	5	1	4	1	0	4	0	0	0	5
Clinton	3	0	3	1	2	1	0	2	0	0	0	3
Corinna	1	2	3	1	2	0	1	1	1	0	0	3
Cornish	4	1	5	1	4	1	0	3	1	0	0	5
Damariscotta	5	7	12	6	6	0	0	5	1	0	0	6
Danforth	5	1	6	2	0	0	0	0	2	0	0	2
Deer Isle	0	2	2	0	2	0	0	0	2	0	0	2
Dexter	11	8	19	7	12	6	1	5	7	0	0	19
Dixfield	5	4	9	2	7	2	0	3	4	0	0	9
Dixmont	4	2	6	3	3	2	1	2	1	0	0	6
Dover	2	1	3	0	3	0	0	2	1	0	0	3
Dresden	2	0	2	2	0	2	0	0	0	0	0	2
Eagle Lake	0	5	5	1	4	0	1	1	4	0	0	5
East Dixfield	2	5	7	3	4	1	2	1	3	0	0	7
East Lebanon	0	2	2	0	2	0	0	0	2	0	0	2
East Machias	5	3	8	2	6	2	0	3	3	0	0	8
East Millinocket	1	3	4	1	3	0	1	1	2	0	0	4
Easton	2	0	2	0	2	0	0	2	0	0	0	2
Eastport	14	12	26	8	18	6	2	8	10	0	0	26
Eliot	2	2	4	3	1	1	2	1	0	0	0	4
Enfield	0	2	2	1	1	0	1	0	1	1	1	4
Fairfield	11	14	25	2	23	2	0	9	14	0	1	26
Falmouth	6	15	21	4	17	1	3	5	12	0	0	21
Farmington	15	15	30	6	24	2	4	13	11	0	0	30
Fort Fairfield	8	5	13	4	9	2	2	6	3	0	0	13
Foxcroft	3	17	20	3	17	0	3	3	14	0	1	21

TUBERCULOSIS—Continued.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Franklin	0	1	1	0	1	0	0	0	1	0	0	1
Freeport	15	14	29	8	21	6	2	9	12	0	0	29
Friendship	0	1	1	0	1	0	0	0	1	1	0	2
Fryeburg	2	5	7	0	7	0	0	2	5	0	0	7
Gardiner	24	32	56	13	43	5	8	19	24	0	0	56
Garland	0	0	0	0	0	0	0	0	0	0	4	4
Georgetown	1	0	1	1	0	1	0	0	0	0	0	1
Goodwins Mills	0	1	1	0	1	0	0	0	3	1	0	4
Gray	5	3	8	4	4	2	2	2	1	0	0	8
Greene	1	3	4	2	2	2	2	1	1	0	0	4
Greenville	11	15	26	5	21	2	3	9	12	0	0	26
Guilford	17	20	37	5	32	4	1	13	19	0	0	37
Hallowell	37	19	56	16	40	14	2	23	11	0	0	56
Hampden	0	2	2	1	1	0	1	0	1	0	0	2
Harmony	2	7	9	0	9	0	0	2	7	0	0	9
Harrington	1	1	2	1	1	0	1	1	0	0	0	2
Harrison	7	11	18	2	16	0	2	7	9	3	0	21
Hartland	9	8	17	4	13	3	1	6	7	0	0	17
Hebron	0	2	2	0	2	0	0	0	2	0	0	2
Hermon	1	0	1	1	0	1	0	0	0	0	0	1
Hiram	1	2	3	0	3	0	0	1	2	0	0	3
Houlton	2	4	6	3	3	0	3	2	1	0	0	6
Island Falls	5	2	7	2	5	1	1	4	1	0	0	7
Isle au Haut	0	0	0	0	0	0	0	0	0	2	2	2
Islesboro	0	1	1	0	1	0	0	1	0	0	0	1
Jackman	2	3	5	1	4	0	1	2	2	0	0	5
Jay	1	0	1	0	1	0	0	1	0	0	0	1
Jefferson	4	4	8	2	6	0	2	4	2	0	0	8
Jonesport	5	5	10	1	9	1	0	4	5	0	0	10
Kennebunk	5	6	11	3	8	2	1	3	5	0	0	11
Kennebunkport	0	7	7	3	4	0	3	0	4	0	0	7
Kingfield	8	3	11	1	10	1	0	7	3	0	0	11
Kittery	1	3	4	0	4	0	0	1	3	0	0	4
Kittery Point	3	1	4	0	4	0	0	3	1	0	0	4
Leeds	0	1	1	0	1	0	0	0	1	0	0	1
Lewiston	85	83	168	39	129	23	16	62	67	1	3	172
Limerick	1	1	2	0	2	0	0	1	1	0	0	2
Limestone	11	13	24	5	19	2	3	9	10	0	0	24
Lincoln	7	3	10	2	8	1	1	6	2	0	0	10
Lincolnvile	0	2	2	1	1	0	1	0	1	0	0	2
Lisbon	0	2	2	0	2	0	0	0	2	0	0	2
Lisbon Falls	24	12	36	5	31	4	1	20	11	0	0	36
Litchfield	12	1	13	2	11	2	0	10	1	0	0	13
Livermore	3	1	4	1	3	1	0	2	1	0	0	4
Livermore Falls	8	7	15	3	12	2	1	6	6	0	0	15
Lubec	1	0	1	0	1	0	0	1	0	0	0	1
Machias	25	27	52	13	39	7	6	18	21	0	0	52
Madison	12	5	17	2	15	2	0	10	5	0	0	17
Mapleton	2	1	3	0	3	0	0	2	1	0	0	3
Mars Hill	4	2	6	1	5	1	0	3	2	0	0	6
Mattocks	1	0	1	1	0	1	0	0	0	0	0	1
Mechanic Falls	9	13	22	1	21	1	0	8	13	0	0	22
Mexico	1	1	2	1	1	0	1	1	0	0	0	2
Milbridge	9	5	14	4	10	3	1	6	4	0	0	14
Millinocket	4	9	13	6	7	0	6	4	3	0	0	13
Milo	1	3	4	1	3	0	1	1	2	0	3	7
Monmouth	2	5	7	3	4	1	2	1	3	0	0	7
Monroe	2	0	2	0	2	0	0	2	0	0	0	2
Monson	5	7	12	2	10	0	2	5	5	1	0	13
Mount Desert	0	2	2	1	1	0	1	0	1	0	0	2
Mount Vernon	5	6	11	2	9	0	2	5	4	0	0	11
Naples	6	4	10	3	7	0	3	6	1	0	0	10
National Home	1	0	1	0	1	0	0	1	0	0	0	1
Newcastle	0	1	1	0	1	0	0	0	1	0	0	1
New Gloucester	3	3	6	3	3	1	2	2	1	0	0	6
Newport	0	1	1	0	1	0	0	0	1	0	1	2

TUBERCULOSIS—Continued.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
New Sharon	5	9	14	2	12	2	0	3	9	0	0	14
New Sweden	1	12	13	3	10	0	3	1	0	0	0	14
New Vineyard	0	1	1	0	1	0	0	0	1	0	0	5
Nobleboro	0	2	2	2	0	0	2	0	0	0	0	2
Norridgewock	4	1	5	0	5	0	5	0	4	1	0	5
North Anson	34	28	62	18	44	9	9	25	19	0	1	63
North Berwick	7	7	14	4	10	4	0	3	7	0	0	14
Northeast Harbor	0	4	4	0	4	0	0	0	4	0	0	4
North New Portland	4	6	10	0	10	0	0	4	6	0	0	10
North Vassalboro	1	1	2	1	1	1	0	0	1	0	0	2
North Waterford	0	1	1	0	1	0	0	0	1	0	0	1
North Whitefield	0	1	1	1	0	0	1	0	0	0	0	1
Norway	21	21	42	14	28	7	7	14	14	0	0	42
Oakland	15	17	32	7	25	3	4	12	13	0	0	32
Ogunquit	1	6	7	1	6	0	1	1	5	0	0	7
Old Town	41	38	79	17	62	10	7	31	31	0	3	82
Orland	1	0	1	0	1	0	0	1	0	0	0	1
Orono	18	17	35	11	24	7	4	11	13	0	0	35
Orr's Island	4	0	4	0	4	0	0	4	0	0	0	4
Oxford	4	7	11	7	4	2	5	2	2	0	0	11
Paris	2	0	2	1	1	1	0	1	1	0	0	2
Parsonsfield	1	0	1	0	1	0	0	1	0	0	0	1
Passadumkeag	0	1	1	0	1	0	0	0	1	0	0	1
Patten	3	15	18	5	13	1	4	2	11	0	0	18
Penobscot	1	4	5	3	2	0	3	1	1	0	0	5
Phillips	5	2	7	2	5	1	1	4	1	0	1	8
Phippsburg	1	6	7	1	6	0	1	1	5	3	1	11
Pittsfield	7	10	17	3	14	2	1	5	9	0	0	17
Portland	92	106	198	31	167	19	12	73	94	1	1	200
Pownal	1	5	6	2	4	0	2	1	3	0	0	6
Presque Isle	19	26	45	10	35	3	7	16	19	0	3	48
Princeton	2	7	9	0	9	0	0	2	7	0	0	9
Prospect Harbor	4	1	5	2	3	1	1	3	0	0	0	5
Rangley	6	9	15	1	14	0	1	6	8	0	0	15
Readfield	1	1	2	0	2	0	0	1	1	0	0	2
Richmond	4	1	5	0	5	0	0	4	1	0	0	5
Riley	1	0	1	0	1	0	0	1	0	0	0	1
Rockland	45	45	90	28	62	14	14	31	31	0	2	92
Rockport	5	4	9	3	6	2	1	3	3	0	0	9
Round Pond	1	1	2	0	2	0	0	1	1	0	0	2
Rumford	31	32	63	15	48	6	9	25	23	0	0	63
Sabattus	2	2	4	2	2	1	1	1	1	0	0	4
Saco	4	1	5	1	4	0	1	4	0	1	0	6
Saint Albans	0	1	1	0	1	0	0	0	1	0	0	1
Saint Francis	3	3	6	1	5	1	0	2	3	0	1	7
Sanford	2	3	5	1	4	1	0	1	3	0	0	5
Sangerville	5	2	7	3	4	2	1	3	1	0	0	7
Scarboro	2	0	2	0	2	0	0	2	0	0	0	2
Searsmont	1	0	1	0	1	0	0	1	0	0	0	1
Searsport	2	0	2	0	2	0	0	2	0	0	0	2
Sedgwick	2	6	8	2	6	0	2	2	4	0	0	8
Shawmut	10	15	25	4	21	1	3	9	12	0	0	25
Shiloh	3	2	5	1	4	0	1	3	1	0	0	5
Sidney	4	4	8	0	8	0	0	4	4	0	0	8
Skowhegan	21	24	45	8	37	4	4	17	20	1	1	47
Smyrna Mills	6	1	7	3	4	3	0	3	1	0	3	10
Solon	0	2	2	0	2	0	0	0	2	0	0	2
South Berwick	5	3	8	2	6	1	1	4	2	0	0	8
South Brewer	7	3	10	2	8	2	0	5	3	0	0	10
South China	0	1	1	0	1	0	0	0	1	0	0	1
South Eliot	1	1	2	1	1	0	1	1	0	0	0	2
South Gardiner	5	4	9	0	9	0	0	5	4	0	1	10
South Paris	13	12	25	3	22	2	1	11	11	0	1	26
South Portland	21	28	49	10	39	5	5	16	23	0	0	49
South Windham	0	6	6	2	4	0	2	0	4	0	0	6
Springfield	2	1	3	1	2	1	0	1	1	0	0	3

TUBERCULOSIS—Concluded.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Springvale.....	3	4	7	2	5	2	0	1	4	0	0	7
Stonington.....	3	6	9	1	8	0	0	3	5	0	0	9
Stratton.....	2	1	3	0	3	0	0	2	1	0	1	4
Strong.....	3	2	5	1	4	0	0	3	0	0	0	5
Sullivan.....	5	10	15	3	12	3	0	2	10	0	0	15
Tenants Harbor.....	2	6	8	4	4	1	3	1	5	0	0	8
Thomaston.....	30	6	36	12	24	11	1	19	5	0	0	36
Thorndike.....	0	0	2	0	2	0	0	0	2	0	0	2
Turner.....	0	0	2	0	2	0	0	0	2	0	1	3
Union.....	2	8	10	2	8	0	2	2	5	1	1	12
Van Buren.....	8	5	13	2	11	2	0	6	6	0	1	14
Vinalhaven.....	0	1	1	1	0	0	0	0	0	0	0	1
Waldoboro.....	9	8	17	7	10	3	4	6	4	1	1	19
Warren.....	3	2	5	1	4	1	0	2	2	0	0	5
Washburn.....	9	6	15	0	15	0	0	9	6	0	0	15
Washington.....	1	0	1	0	1	0	0	1	0	0	0	1
Watford.....	2	2	4	0	4	0	0	2	2	0	0	4
Waterville.....	103	110	213	40	173	26	14	77	96	0	4	217
Weeks Mills.....	2	0	2	0	2	0	0	2	0	0	0	2
Weld.....	4	1	5	1	4	1	0	3	1	0	0	5
Wells.....	0	1	1	1	0	0	1	0	0	0	0	1
Westbrook.....	7	10	17	2	15	2	0	5	10	0	0	17
West Buxton.....	1	1	2	0	2	0	0	1	1	0	0	2
West Enfield.....	3	1	4	0	4	0	0	3	1	0	0	4
West Jonesport.....	0	2	2	0	2	0	0	0	2	0	0	2
West Paris.....	13	24	37	6	31	0	6	13	18	0	2	39
West Sullivan.....	1	5	6	1	5	1	0	0	5	0	0	6
Wilton.....	1	3	4	2	2	0	2	1	1	0	0	4
Winn.....	0	0	0	0	0	0	0	0	0	1	1	2
Winter Harbor.....	3	3	6	1	5	0	1	3	2	0	0	6
Winthrop.....	2	1	3	3	0	2	1	0	0	0	0	3
Wiscasset.....	2	5	7	1	6	0	1	0	4	0	0	7
Woodfords.....	2	4	6	0	6	0	0	2	4	0	0	6
Woodland.....	4	4	8	3	5	3	0	1	4	1	1	10
Woolwich.....	8	7	15	1	14	0	1	8	6	0	0	15
Wytotpitlock.....	2	4	6	0	6	0	0	2	4	0	0	6
Yarmouth.....	4	5	9	1	8	0	1	4	4	0	0	9
Yarmouthville.....	2	0	2	1	1	1	0	1	0	0	0	2
York Harbor.....	2	3	5	1	4	1	0	1	3	0	0	5
York Village.....	3	5	8	1	7	0	1	3	4	0	0	8
Total.....	1,845	1,965	3,810	877	2,933	470	407	1,375	1,558	27	81	3,918

TYPHOID FEVER—Jan. 1, 1910, to Dec. 31, 1911.
(Inclusive)

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Acton	1	0	1	0	1	0	0	1	0	0	0	1
Alfred	7	2	9	3	6	3	0	4	2	0	0	9
Appleton	2	0	2	0	2	0	0	2	0	0	0	2
Ashland	4	3	7	3	4	2	1	2	2	0	0	7
Atlantic	1	0	1	0	1	0	0	1	0	0	0	1
Auburn	5	4	9	2	7	0	2	5	2	0	0	9
Augusta	55	18	73	16	57	11	5	44	13	0	0	73
Bangor	0	3	3	0	3	0	0	3	0	0	0	3
Bar Harbor	1	0	1	0	1	0	0	1	0	0	0	1
Bath	25	16	41	14	27	10	4	15	12	0	0	41
Bethel	1	2	3	1	2	0	1	1	1	0	0	3
Biddeford	2	3	5	1	4	0	0	3	1	0	0	5
Bingham	0	1	1	0	1	0	0	1	0	0	0	1
Blaine	4	1	5	1	4	1	0	3	1	0	0	5
Bluehill	4	1	5	1	4	1	0	3	1	0	0	5
Boothbay Harbor	2	2	4	1	3	1	0	2	0	0	0	4
Bowdoinham	3	7	10	5	5	2	3	1	4	0	0	10
Brewer	0	0	0	0	0	0	0	0	0	1	1	2
Bridgton	1	0	1	0	1	0	0	1	0	0	0	1
Bryants Pond	6	0	6	1	5	1	0	5	0	0	0	6
Buckfield	0	2	2	1	1	0	1	0	1	0	1	3
Calais	13	5	18	4	14	3	1	10	4	1	1	20
Camden	2	3	5	2	3	0	2	2	1	0	0	5
Canaan	1	1	2	0	2	0	0	1	1	0	0	2
Canton	1	1	2	2	0	1	0	0	0	0	0	2
Castine	1	1	2	1	1	1	0	1	0	1	1	3
Cherryfield	3	1	4	0	4	0	0	3	1	0	0	4
Clinton	2	0	2	0	2	0	0	2	0	0	0	2
Corinna	1	1	2	0	2	0	0	1	1	0	0	2
Cornish	1	0	1	1	0	1	0	0	0	0	0	1
Cumberland Center	0	0	0	0	0	0	0	0	0	0	1	1
Damariscotta	0	2	2	1	1	0	1	0	1	1	1	4
Danforth	0	2	2	0	2	0	0	2	0	0	0	2
Dexter	2	4	6	3	3	1	2	1	2	0	0	6
Dixfield	4	4	8	1	7	1	0	3	4	0	0	8
East Dixfield	2	3	5	1	4	0	1	2	2	0	0	5
East Eddington	0	1	1	0	1	0	0	0	1	0	0	1
East Eddington	1	0	1	0	1	0	0	1	0	0	0	1
East Millinocket	0	2	2	0	2	0	0	2	0	0	0	2
Ellsworth	0	0	0	0	0	0	0	0	0	1	1	2
Fairfield	3	1	4	1	3	1	0	2	1	0	0	4
Fort Fairfield	0	1	1	0	1	0	0	0	1	0	0	1
Fort McKinley	0	1	1	0	1	0	0	0	1	0	0	1
Friendship	0	4	4	3	8	2	1	5	3	0	0	11
Gardiner	2	1	3	1	2	0	1	2	0	0	0	3
Garland	2	1	3	1	2	0	0	1	0	0	0	3
Goodwins Mills	0	1	1	0	1	0	0	0	1	0	0	1
Gorham	1	0	1	0	1	0	0	0	0	0	0	1
Greenville	9	7	16	6	10	4	2	5	5	0	0	16
Guilford	3	5	8	2	6	0	2	3	3	0	0	8
Hallowell	2	14	16	1	15	1	0	1	14	0	0	16
Hamden Highlands	0	1	1	0	1	0	0	0	1	0	0	1
Harmony	0	1	1	0	1	0	0	0	1	0	0	1
Harrison	1	3	4	2	2	0	2	1	1	0	0	4
Hebron	2	2	4	0	4	0	0	2	2	0	1	5
Island	3	1	4	1	3	1	0	2	1	0	0	4
Islesboro	1	0	1	0	1	0	0	0	0	0	0	1
Jefferson	6	2	8	1	7	1	0	5	2	0	0	8
Jonesport	0	3	3	0	3	0	0	0	3	0	0	3
Kennebunk	2	0	2	0	2	0	0	2	0	0	0	2
Kennebunkport	1	1	2	0	2	0	0	1	1	0	0	2
Kezar Falls	2	0	2	0	2	0	0	2	0	0	0	2
Kingfield	11	9	20	8	12	5	3	6	6	0	0	20
Lewiston	4	0	4	0	4	0	0	4	0	0	0	4
Limerick	0	1	1	0	1	0	1	0	0	0	0	1
Lincoln	2	1	3	0	3	0	0	2	1	0	0	3

TYPHOID FEVER—Continued.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Livermore Falls.....	11	5	16	6	10	3	3	8	2	0	0	16
Lubec.....	2	6	8	2	6	0	2	4	2	2	0	8
Machias.....	3	5	8	5	3	2	3	1	2	0	0	8
Mapleton.....	2	0	2	1	1	1	0	1	0	0	0	2
Mars Hill.....	1	1	2	0	2	0	0	1	1	0	0	2
Mechanic Falls.....	2	0	2	1	1	1	0	1	0	0	0	2
Milbridge.....	3	2	5	2	3	2	0	1	2	0	0	5
Millinocket.....	1	0	1	0	1	0	0	1	0	0	0	1
Milltown.....	0	0	0	0	0	0	0	0	0	0	1	1
Milo.....	5	4	9	7	2	4	3	1	1	0	0	9
Monson.....	0	1	1	1	0	0	1	0	0	0	0	1
Mount Desert.....	2	0	2	2	0	2	0	0	0	0	0	2
Mount Vernon.....	1	0	1	0	1	0	0	1	0	0	0	1
Norridgewock.....	0	1	1	0	1	0	0	0	1	0	0	1
North Berwick.....	3	1	4	2	2	2	0	1	1	0	0	4
North Haven.....	0	2	2	2	0	2	0	0	0	0	0	2
North New Portland.....	1	0	1	0	1	0	0	1	0	0	0	1
North Whitefield.....	1	1	2	2	0	1	1	0	0	0	0	2
North Windham.....	1	0	1	0	1	0	0	1	0	0	0	1
Norway.....	3	1	4	2	2	2	0	1	1	0	1	5
Oakland.....	7	1	8	0	8	0	0	7	1	0	0	8
Ogunquit.....	1	1	2	0	2	0	0	1	1	0	0	2
Old Town.....	4	5	9	2	7	0	0	4	5	0	0	9
Orono.....	4	3	7	1	5	1	1	3	2	2	0	7
Orrs Island.....	2	2	4	1	3	1	0	1	1	1	1	6
Oxford.....	0	0	0	0	0	0	0	0	0	0	0	0
Patten.....	1	0	1	0	1	0	0	1	0	0	0	1
Peaks Island.....	0	0	0	0	0	0	0	0	0	1	1	2
Pemaquid.....	0	0	0	0	0	0	0	0	0	0	1	1
Phippsburg.....	1	0	1	0	1	0	0	1	0	0	0	1
Portland.....	50	37	87	25	62	14	11	36	26	1	4	92
Pownal.....	2	0	2	0	2	0	0	2	0	0	0	2
Presque Isle.....	2	2	4	0	4	0	0	2	2	0	0	4
Princeton.....	0	3	3	2	1	0	2	0	1	0	0	3
Rangeley.....	1	2	3	1	2	0	1	1	1	0	0	3
Readfield.....	1	0	1	0	1	0	0	1	0	0	0	1
Rockland.....	4	8	12	4	8	1	3	3	5	0	0	12
Rockport.....	2	0	2	2	0	2	0	0	0	0	1	3
Round Pond.....	0	1	1	0	1	0	0	0	1	0	0	1
Rumford.....	2	4	6	3	3	1	2	1	2	0	0	6
Saco.....	1	2	3	0	3	0	0	1	2	0	0	3
Sangerville.....	0	2	2	0	2	0	0	0	2	0	0	2
Searsport.....	0	1	1	0	1	0	0	0	1	0	0	1
Shawmut.....	4	0	4	0	4	0	0	4	0	0	0	4
Sidney.....	0	2	2	0	2	0	0	0	2	0	0	2
Skowhegan.....	4	9	13	2	11	1	1	3	8	0	1	14
Smyrna Mills.....	1	1	2	0	2	0	0	1	1	0	1	3
South Berwick.....	0	3	3	0	3	0	0	0	3	0	0	3
South Eliot.....	1	1	2	0	2	0	0	1	0	0	0	2
South Paris.....	3	1	4	1	3	1	0	2	1	0	0	4
South Portland.....	3	1	4	1	3	1	0	2	1	0	0	4
South Thomaston.....	1	0	1	0	1	0	0	1	0	0	0	1
Southwest Harbor.....	1	1	2	1	1	0	1	1	0	0	0	2
South Windham.....	7	3	10	3	7	2	1	5	2	0	0	10
Stonington.....	6	5	11	3	8	3	0	3	5	0	0	11
Stratton.....	1	1	2	1	1	0	1	1	0	1	1	4
Strong.....	1	0	1	1	0	1	0	0	0	0	0	1
Tenants Harbor.....	1	1	2	1	1	0	1	1	0	0	0	2
Thomaston.....	0	1	1	0	1	0	0	0	1	0	0	1
Turner.....	4	0	4	2	2	2	0	2	0	0	0	4
Vinalhaven.....	1	0	1	0	1	0	0	1	0	0	0	1
Waldoboro.....	2	0	2	0	2	0	0	2	0	0	0	2
Washburn.....	1	1	2	0	2	0	0	1	1	0	0	2
Waterford.....	1	1	2	1	1	1	0	0	1	0	0	2

TYPHOID FEVER—Concluded.

CITY OR TOWN.	Number.			Results.		Positives.		Negatives.		No. slip.		Total.
	Male.	Female.	Total.	+	0.	Male.	Female.	Male.	Female.	+	0.	
Waterville.....	24	18	42	15	27	10	5	14	13	0	7	49
Weeks Mills.....	2	0	2	0	2	0	0	2	0	0	0	2
Weld.....	0	1	1	0	1	0	0	0	1	0	0	1
Westbrook.....	2	1	3	0	3	0	0	2	1	0	0	3
West Enfield.....	1	1	2	0	2	0	0	1	1	0	0	2
West Paris.....	3	3	6	2	4	0	2	3	1	0	0	6
West Sullivan.....	1	0	1	1	0	1	0	0	0	0	0	1
Wilton.....	2	0	2	1	1	1	0	1	0	0	0	2
Wiscasset.....	1	0	1	1	0	1	0	0	0	0	0	1
Woodfords.....	1	2	3	2	1	0	2	1	0	0	1	4
Woodland.....	6	12	18	5	13	1	4	5	8	0	0	18
Woolwich.....	6	4	10	4	6	2	2	4	2	0	0	10
Wytopitlock.....	0	1	1	0	1	0	0	0	1	0	0	1
York Harbor.....	8	4	12	3	9	2	1	6	3	0	0	12
York Village.....	0	1	1	0	1	0	0	0	1	0	0	1
Total.....	447	339	786	219	567	126	93	321	246	11	29	826

FINANCIAL STATEMENTS.

The following statements show the amount of money which was spent from the appropriations for running expenses of the State board of health for each of the years included in the period 1910-1911, so arranged as to indicate the sums spent for various purposes.

1910.

Printing and Binding	\$49 30
Exhibits and other Educative Work.....	106 71
Stationery	221 40
Books and Sanitary Journals.....	185 29
Postage	180 29
Express, Telegraph and Telephone.....	270 01
Secretary's Salary	2,500 00
Expenses of Secretary	147 34
Expenses of Members	120 21
Expenses of Clerks and other Employees.....	185 43
Clerical Help	1,451 30
Engraving and Drawing	3 80
Office Furnishings	35 00
Miscellaneous	43 92
	\$5,500 00

1911.

Printing and Binding	\$1 40
Exhibits and other Educative Work	331 17
Stationery	244 37
Books and Sanitary Journals.....	329 84
Postage	143 52
Express, Telegraph and Telephone.....	236 89
Secretary's Salary	2,500 00
Expenses of Secretary.....	232 71
Expenses of Members	112 39
Expenses of Clerks and other Employees.....	51 02
Clerical Help	1,115 70
Help other than Clerical	1 50
Vaccine, Antitoxin, Disinfectants, etc.....	3 60
Office Furnishings	125 03
Miscellaneous	70 86
	\$5,500 00

EPIDEMIC FUND.

For each of the two years 1910-1911, there has been an epidemic or emergency fund at the disposal of the State board of health to be used with the consent of the Governor and Council in case of the invasion or threatened invasion of smallpox or other dangerous epidemic diseases into the State. The following shows the amount of this fund which has been used in each of these years.

1910	\$385 88
1911	64 86

STATE LABORATORY OF HYGIENE.

1910.

Printing	\$120 31
Stationery	22 40
Books and Sanitary Journals.....	64 35
Postage	123 99
Express, Telegraph and Telephone.....	254 35
Salaries	2,727 22
Chemical and Bacteriological Supplies.....	40 03
Instruments and Apparatus	339 45
Insurance	25 00
Heating and Lighting.....	251 78
Rent	280 00
Water	20 00
Furnishing and Repairs	230 32
	<hr/>
	\$4,499 20

1911.

Printing	\$23 21
Stationery	49 30
Books and Sanitary Journals	39 50
Postage	132 67
Express, Telegraph and Telephone.....	296 97
Salaries	2,952 72
Traveling and other expenses of Director.....	14 90
Chemical and Bacteriological Supplies.....	173 51
Instruments and Apparatus.....	168 23
Insurance	29 60
Heating and Lighting.....	319 86
Rent	420 00
Water	60 00
Ice	34 00
Furnishings and Repairs.....	78 46
Miscellaneous	75
	<hr/>
	\$4,793 68

REPORT OF THE STATE BOARD OF EMBALMING EXAMINERS.

Complying with the requirements of Chapter 18, Section 17, the following report for the years 1910-1911 is made to the State Board of Health:

A. G. Young, secretary of the State Board of Health, is *ex-officio* a member and clerk and treasurer of the board. The other members for the years 1910 and 1911 were: J. Clark Flagg, Richmond, *Chairman*; Richard H. Stubbs, M. D., Augusta, and H. W. Rich, Portland.

Meetings were held on the following dates for the purpose of examining candidates: May 10 and November 8, 1910; May 9 and November 14, 1911.

The following is a list of the persons who passed a successful examination at the meetings of the board during the period 1910-1911, and have received the certificate which is given to licensed embalmers. The dates indicate the meetings at which the several persons received their examinations, and the last column of the table gives the number of the license certificate of each.

Name.	Residence.	Date of Examination.	License Number.
Henry Gardner, Jr.	Rockland, Me.	May 10, 1910	228
George J. Wyman	Mechanic Falls, Me.	May 10, 1910	229
William I. Nutter	Biddeford, Me.	May 10, 1910	230
Joseph L. Cobb	Winthrop, Me.	May 10, 1910	231
Clyde S. Morgan	Caribou, Me.	May 10, 1910	232
Miss Albine Campbell	Old Town, Me.	May 10, 1910	233
Harry A. Dillingham	Auburn, Me.	May 10, 1910	234
E. D. Robbins	Boston, Mass.	November 8, 1910	235
Edward J. Hutchinson	Boothbay Harbor, Me.	November 8, 1910	236
Leslie N. Sparrow	Hampden Highlands Me.	November 8, 1910	237
James E. Snow	Vinalhaven, Me.	November 8, 1910	238
Harold E. Carney	Portland, Me.	November 8, 1910	239
Homer C. Lowe	Rochester, N. H.	November 8, 1910	240
Joseph Waterhouse	Wells Depot, Me.	May 9, 1911	241
Irving W. Fifield	Vinalhaven, Me.	May 9, 1911	242
Joseph P. Murray	Waterville, Me.	May 9, 1911	243
O. W. Benson	Cornish, Me.	May 9, 1911	244
Lester D. Darby	Everett, Mass.	May 9, 1911	245
Orville C. Harvey	Bangor, Me.	May 9, 1911	246
S. S. King	Manset, Me.	May 9, 1911	247
Harry A. Chandler	Phillips, Me.	May 9, 1911	248
Charles F. Oliver	Farmington, Me.	May 9, 1911	249
Richard W. Farrar	Winter Harbor, Me.	May 9, 1911	250
Merton A. Haley	Monroe, Me.	May 9, 1911	251
James W. Vaughan	Lewiston, Me.	May 9, 1911	252
Ernest E. Goss	Kennebunkport, Me.	November 14, 1911	253
Emile C. Simard	Biddeford, Me.	November 14, 1911	254
Elmer M. Burton	Hartland, Me.	November 14, 1911	255
Fred L. Gates	Canton, Me.	November 14, 1911	256
Ferdinand I. Wood	Brewer, Me.	November 14, 1911	257
Katharine Vaughan	Lewiston, Me.	November 14, 1911	258
Mary E. Vaughan	Lewiston, Me.	November 14, 1911	259

RECEIPTS AND DISBURSEMENTS.

RECEIPTS—1910.

Balance, January 1, 1910.....	\$479 80	
License fees	75 00	
Bills in excess of amount of fees received which were paid from the amount of the bank deposits	136 31	
	<hr/>	\$691 11

DISBURSEMENTS.

Printing	\$2 54	
Postage	30 00	
Expenses of Clerk	48 36	
Expenses of Members.....	130 41	
To State Treasurer	479 80	
	<hr/>	\$691 11

RECEIPTS—1911.

License fees	\$150 00	
License renewal fees.....	195 00	
	<hr/>	\$345 00

DISBURSEMENTS.

Printing	\$2 93	
Postage	17 00	
Stationery	13 78	
Expenses of Clerk.....	16 22	
Expenses of Members	44 15	
Balance in State Treasury	92	
Balance in Bank	250 00	
	<hr/>	\$345 00