CLEAN WATER AND HOW TO GET IT

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Clean Water and How to Get It by Allen Hazen

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ALLEN HAZEN

CLEAN WATER AND HOW TO GET IT



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Interior of covered pure-water reservoir at Washington, D. C., before being filled with water. It is covered for the purpose of keeping the filtered water clean,

Frontispiece

CLEAN WATER

AND

HOW TO GET IT

BY

ALLEN HAZEN

MEMBER OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, THE BOSTON SOCIETY OF CIVIL ENGINEERS, THE AMERICAN WATER WORKS ASSOCIATION, THE NEW ENGLAND WATER WORKS ASSOCIATION, THE AMERICAN PUBLIC HEALTH ASSOCIATION,
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TO

THE BRISBANE BOARD OF WATERWORKS

IN WHOSE SERVICE WAS MADE THE VOYAGE ON WHICH THESE PAGES WERE WRITTEN 9.00

PREFACE.

Thus little volume, originally written in the spare hours of a long ocean voyage, deals with the means now used by American cities to secure clean water.

Some closely allied subjects are also touched upon, including some matters of general policy, pressure, fire service, the sale of water, and the financial management of water works. This is because an understanding of these matters is often necessary to enable the means of securing a new supply, or improving an old one, to be fully considered.

Matter descriptive of existing works and their management is frequently used where principles can best be shown by it; but it is the object to illustrate principles and not to describe the works that are mentioned.

Its object is to help beginners to understand something of the first principles.

In the present edition chapters have been added upon the red-water trouble and upon the disinfection of water supplies, in the knowledge of which great advance has been made since the first edition.

The statistics have also been brought up to the census of 1910, and corrections and additions made throughout the volume.