SEWAGE DISPOSAL AND TREATMENT: REFERENCES TO BOOKS AND MAGAZINE ARTICLES

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649411450

Sewage Disposal and Treatment: References to Books and Magazine Articles by Various

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

www.triestepublishing.com

VARIOUS

SEWAGE DISPOSAL AND TREATMENT: REFERENCES TO BOOKS AND MAGAZINE ARTICLES

Trieste

CARNEGIE LIBRARY OF PITTSBURGH

SEWAGE DISPOSAL AND TREATMENT

REFERENCES TO BOOKS AND MAGAZINE ARTICLES

Reprinted from the Monthly Bulletin, November 1910

PITTSBURGH
CARNEGIE LIBRARY
1910

Contents

Introduction

Several former bibliographies issued by this Library have dealt with various problems of municipal and sanitary engineering, such as "Smoke prevention," "Refuse and garbage disposal," "Floods and flood protection" and "Metal corrosion and protection" (including electrolytic corrosion of gas and water pipes).

The following list covers a subject of considerable present importance throughout the country, and of especial interest to municipalities in Pennsylvania. With the exception of patents it contains all useful literature in this Library on the disposal of sewage from water-carriage systems, except disposal by dilution only, that is direct discharge into streams or the sea without preliminary treatment. It does not include sewage analysis, stream pollution or design of sewers and sewerage systems. Articles are classified according to the most prominent features of the systems described, and are entered under the author's name, with the single exception that the numerous reports issued by the Massachusetts state board of health have been entered under that heading instead of under names of the individual authors and investigators. The list, which has been compiled by Mr W. C. Holmes of the Technology Department, is complete up to November 1, 1910. Special attention has been given to explanatory notes.

A further source of information on devices for sewage purification will be found in the extensive patent collection of the Technology Department.

In the titles of books and articles uniformity in spelling has not been attempted, the spelling of the original having been followed in each case.

The following abbreviations have been used:

diag.	diagrams.	p.	page or pages.
dr.	drawings.	pl.	plate.
ed.	edition.	pt.	part.
ill.	illustrations.	v.	volume.
no.	number.	w.	words.

E. H. McClelland,
Technology Librarian.

Sewage Disposal and Treatment

General and Theoretical

Books

Ainge, Thomas S.

Disposal of sewage in unsewered localities. 16 p. 1908. (In his Sanitary sewerage of buildings, p.174.)

Considers briefly broad irrigation and describes plant for septic tank treatment of sewage, followed by filtration.

Baker, M. N.

British sewage works and notes on the sewage farms of Paris and on two German works. 146 p. 1904.

Summary of practice, describing a number of sewage works in actual operation, and emphasizing the features of interest to engineers engaged in such work.

Baker, M. M.

[Sewage purification.] 50 p. 1896. (In his Sewerage and sewage purification, p.95.)

Summary of methods in use in 1896.

Barwise, Sidney.

Purification of sewage; being a brief account of the scientific principles of sewage purification and their practical application. 220 p. Ill. 1904.

From a biological and chemical point of view.

Baumeister, R.

Purification of sewage. 52 p. Ill. 1895. (In his Cleaning and sewerage of cities, pt.2.)

Includes chapters on chemical precipitation and precipitation tanks, filtration, irrigation, costs, etc.

Bergey, D. H.

Removal and disposal of sewage. 26 p. Ill. 1904. (In his Principles of hygiene, ed.2, p.157.)

Brief readable summary of modern methods.

Boulnois, H. Percy.

Sewage disposal. 9 p. 1898. (In his Municipal and sanitary engineers' handbook, ed.3, p.330.)

Brown, G. P.

Drainage channel and waterway; a history of the effort to secure an effective and harmless method for the disposal of the sewage of the city of Chicago, and to create a navigable channel between Lake Michigan and the Mississippi river. 480 p. Ill. 1894.

Corfield, W. H.

Treatment and utilisation of sewage. Ed.3. 511 p. 1887.

About half of the book is devoted to water-carriage systems of sewage disposal, by precipitation, filtration and broad irrigation.

Cosgrove, J. J.

History of sanitation. 124 p. Ill. 1909.

Contains references to the historic development of sewage disposal.

Cosgrove, J. J.

Sewage purification and disposal. 222 p. Ill. 1909.

Covers the whole field, giving but brief treatment to each branch of the subject.

Denton, E. Bailey.

Sewage purification brought up to date, 1896. 44 p. Dr. 1896.

Describes methods in use (1896) in various towns in England.

Dibdin, William J.

Purification of sewage and water. Ed.3. 379 p. Ill. 1903.

Consideration of British practice (1903) in the bacterial treatment of sewage. Author has done much pioneer work with bacteria or contact beds.

Dunbar.

Principles of sewage treatment. 271 p. Ill. 1908.

Bibliography, p. 15-19.

Comprehensive, critical review, giving prominence to scientific principles involved rather than to features of engineering construction.

Easdale, W. C.

Practical management of sewage disposal works; a handbook for those in charge. 56 p. 1909.

Not a technical treatise but a guide to maintenance based on such operations as have been sanctioned by extensive experience.

Easdale, W. C.

Sewage disposal works; their design and construction. 300 p. 150 ill. 1910.

Folwell, A. Prescott.

Sewage disposal. 34 p. 1 diag. 6 dr. 4 ill. 1910. (In his Sewerage, ed.6, p.359.)

Good general treatment of sewage disposal demands and methods as applied in American practice.

"It may be said that Mr. Folwell's 'Sewerage' as it now stands is the only single volume work in which all phases of sewerage design, construction and maintenance, as well as sewage treatment, are treated, and that in addition the volume deserves commendation as a comprehensive survey of the whole field indicated, brought within reasonably small compass." *Engineering news*, 1910.

Gerhard, William Paul.

Disposal of household wastes. 195 p. 1890.

Describes methods for removing sewage from country houses, institutions, and houses in villages and cities.

Gerhard, William Paul.

Sanitation of public buildings. 262 p. 1907.

Gives a little information on the disposal of sewage.

Gerhard, William Paul.

Sewage disposal of country houses. 112 p. Ill. 1909. (In his Sanitation, water supply, and sewage disposal of country houses, p.217.)

Gives the sanitary principles that should be followed in the disposal of sewage of isolated houses.

Gillette, Halbert P.

[Cost of sewage disposal.] 7 p. 1910. (In his Handbook of cost data for contractors and engineers, ed.2, p.936.)

Data from about ten cities on the cost of plants purifying by different methods.

Haefcke, Hermann.

Städtische und fabrik-abwässer; ihre natur, schädlichkeit und reinigung. 469 p. Ill. 1901.

"Literatur-verzeichniss," pref., p. 13-16.

Concise summary of present (1901) practice in sewage disposal.

Harcourt, Leveson Francis Vernon-.

Sewage disposal. 112 p. Ill. 1907. (In his Sanitary engineering with respect to water-supply and sewage disposal, pt.2.)

General treatment of land disposal and bacterial methods.

International Correspondence Schools.

Sewage disposal. 30 p. Ill. 1905. (In International library of technology, v.72: House sanitation, plumbing, section 48.)

International Correspondence Schools.

Sewage purification and disposal. 64 p. Ill. 1907. (In International library of technology, v.98: Water supply, sewerage, section 92.)

Review of methods in use (1907).

Jones, Alfred Stowell, & **Roechling,** H. A.

Natural and artificial sewage treatment. 96 p. 1902.

Compares land treatment of sewage with disposal by bacterial processes, considering especially advantages of land treatment.

Kinnicutt, Leonard Parker, *and others.*

Sewage disposal. 436 p. Ill. 1910.

"References," p.411-421.

Has special reference to American conditions and to the most recent practice. Includes rather full discussion of chemical and bacteriological principles involved, as well as of the important engineering aspects of disposal works already designed. By authorities of long and active experience. The most exhaustive work on the subject.

McCullough, Ernest.

Sewerage. 19 p. 1906. (In his Engineering work in towns and small cities, p.79.)

Brief review of methods of disposal.

Merriman, Mansfield.

Disposal of sewage. 35 p. 1906. (In his Elements of sanitary engineering, ed.3, p.180.)

Good description of methods in use and principles underlying them.

Moore, E. C. S.

Sewage disposal. 218 p. Ill. 1909. (In his Sanitary engineering, ed.3, v.2, p.566.)

Especial attention to patented methods and devices. Describes a number of the British sewage purification plants.

New York (city)—Metropolitan sewerage commission.

Sewerage and sewage disposal in the metropolitan district of New York and New Jersey. 550 p. Ill. 1910.

Considers especially sewerage systems of the metropolitan district and the present pollution of New York harbor. Very brief summary of possible disposal systems.

Newman, George.

Bacteriology of sewage and the bacterial treatment of sewage. 17 p. 2 dr. 9 ill. 1904. (In his Bacteriology and the public health, ed.3, p.151.)

Parkes, Louis C. & **Kenwood,** H. R.

Disposal of sewage. 32 p. 1907. (In their Hygiene and public health, ed.3, p.128.)

Reviews methods in best use.