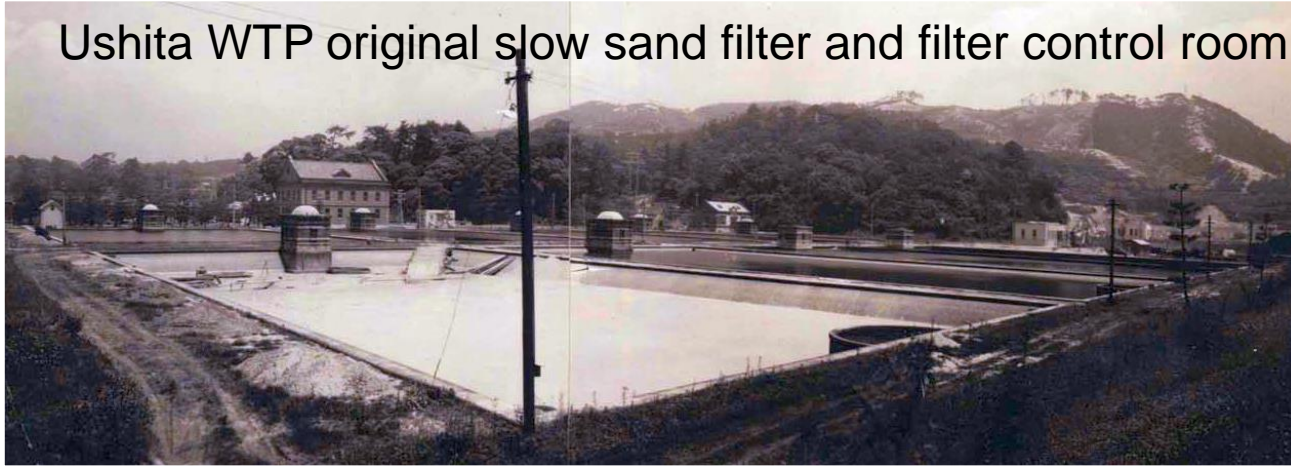
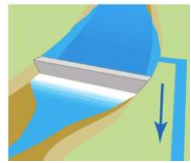


Ushita WTP original slow sand filter and filter control room completed in 1898.



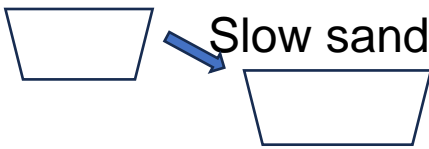
Original design was made by W.K. Burton, Scottish Engineer.



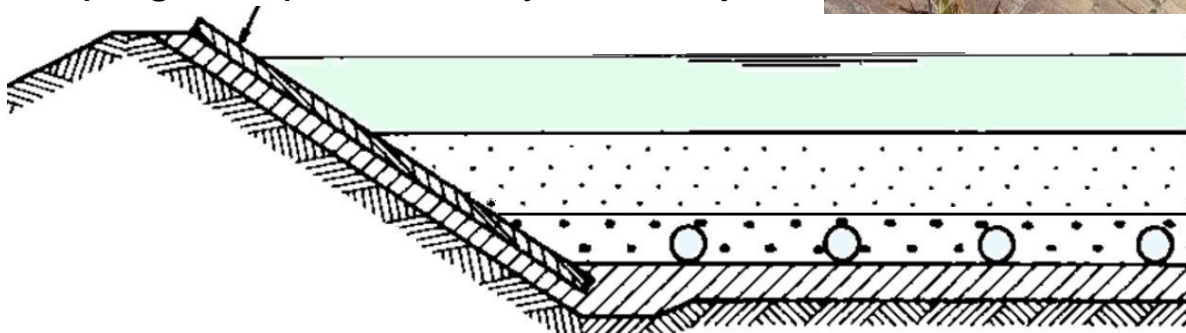
Ohta River

Settling basin

Slow sand filter



Sloping wall protected by masonry



Supernatant water

Filter sand

Drains with supporting gravel
Puddled clay



At that time to Ushita Purification rushed off-duty men who **operated the pump by human power** and quenched the thirsty citizens who barely escaped instant death. When they drunk water their hideously burned skin got swollen they fell down and exploded one after another. The exhausted staffs never cease working the pump alternately. Water kept supplying dripping from the broken pipes

NHK

被災後、初めての水 520.8.6. 7:00頃

「火傷(ヤケド)をして、水を飲むと死ぬぞ!!」

死んでもエエ、飲み!!

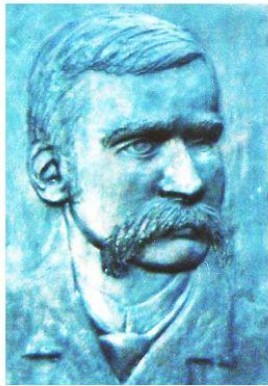
広島工業(現広島大学工学部)西門、入口附近
水道管が破裂し水が吹き出していた。

多くの人が水を求めムラムラしていた。

1945. 8.6. am08:15



昭和20年7月 尾崎 稔 87才画
(被爆当時 修道中学2年生 13才)



<https://wellcomecollection.org/works/d4252xtu/items?canvas=169>



THE WATER SUPPLY OF TOWNS

AND THE CONSTRUCTION OF WATERWORKS

*A PRACTICAL TREATISE FOR THE USE OF ENGINEERS
AND STUDENTS OF ENGINEERING*

BY

W. K. BURTON, ASSOC. MEMB. INST. C.E.

PROFESSOR OF SANITARY ENGINEERING IN THE IMPERIAL UNIVERSITY, TOKYO, JAPAN
CONSULTING ENGINEER TO THE TOKYO WATERWORKS
ENGINEER TO THE SANITARY BUREAU, HOME DEPARTMENT, JAPAN

TO WHICH IS APPENDED:

A PAPER ON THE EFFECTS OF EARTHQUAKES ON WATERWORKS

By PROFESSOR JOHN MILNE, F.R.S.

With numerous Plates and other Illustrations



LONDON
CROSBY LOCKWOOD AND SON
7, STATIONERS' HALL COURT, LUDGATE HILL.
1894

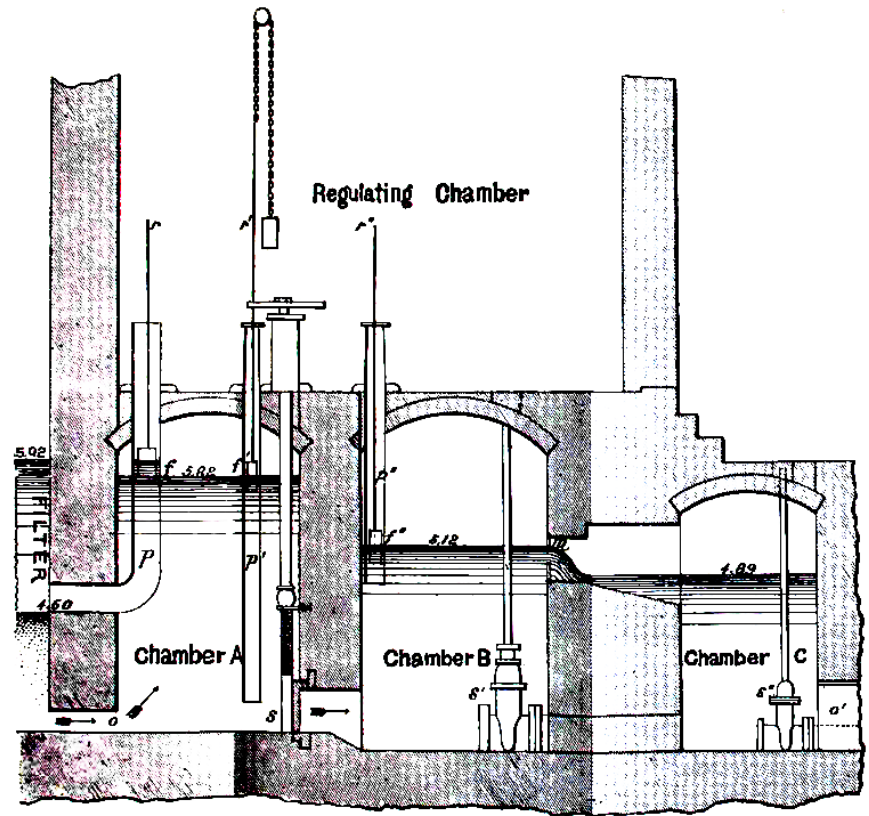


FIG. 106.—ARRANGEMENT FOR REGULATING SPEED OF FILTERING BEDS (HENRY GILL).

