

DEAD FISH AND STENCH IN THE DRAINAGE DITCH.

What the Chicago River Extension Shows at Lockport--The Legally Required Amount of Water Not Yet Taken In.

Lockport, Ill., Jan. 19. (Special) An indistinct smell of sewer gas, held down close to the ground by the mist, foggy air, and growing more distinct on approaching them a slight breeze, directed on approach from a sheet of a great ridge of ashy-brown mounds, shaded by blinding, rising probably thirty feet above the level of the country, then climbing the ridge on a rocky mass of stones, a suddenly unaccounted stream of water, and a slight of a vast, shallow basin, as foot wide, stretching on for as far as the eye could reach, built of successive thick walls of concrete, and filled with a dark bluish-green fluid, covered in part by a thin coat of ice and in part by a green, translucent scum, and, stone dead, trodden in the ice here, floating on the fluid there, were the titles to the scene, a scene of horror and despair, from one to six miles long.

This was how Chicago's Chicago River Extension works. It is the "controlling works" at Lockport, which is the means by which Chicago's sewage is dumped into the Des Plaines River, whence it flows into the Illinois and the Mississippi rivers. These works consist of a movable dam, 18 feet long of the bear-trap style, a structure in the shape of a gate, which in closing together allows the water to flow over the top and seven gates 22 feet wide, moving up and down between heavy buttresses like the sliding gates of a window.

LEADING WOMAN PAYS THE PENALTY OF OVERWORK.

The Terrible Strain of Memorizing Many Parts Brought Sudden Death.

Written for the Sunday Republic. The "continence" has demanded another victim. This time not demitola and a temporary retirement, but death itself, claimed the leading woman of the Murray Hill Theater, in New York.

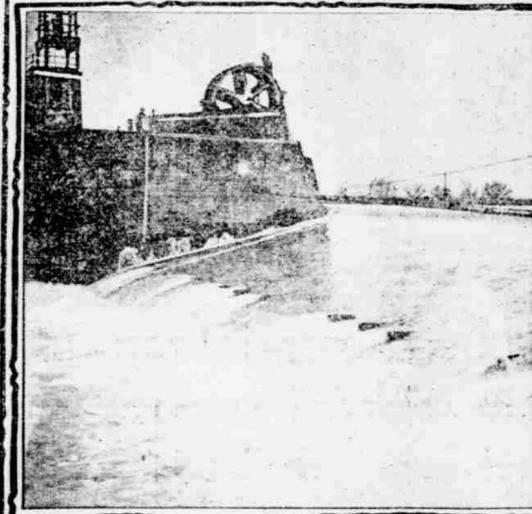


MISS HANNAH MAY INGHAM.

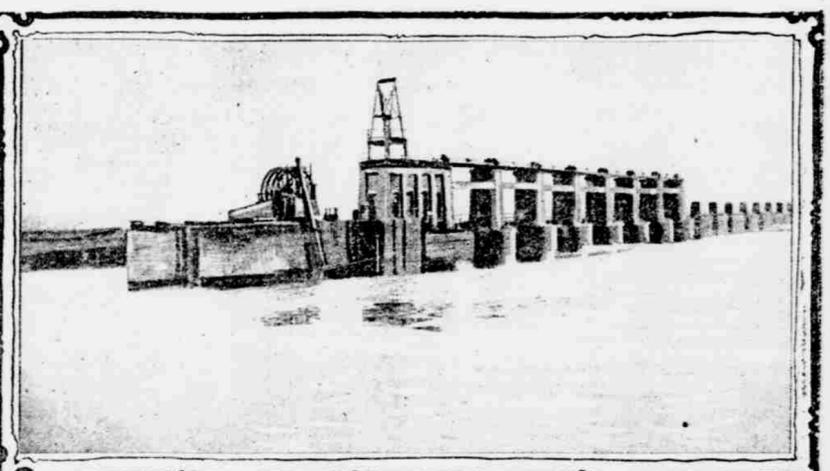
PHOTOGRAPHIC VIEWS OF THE BEAR-TRAP DAM AND ITS WORKINGS.



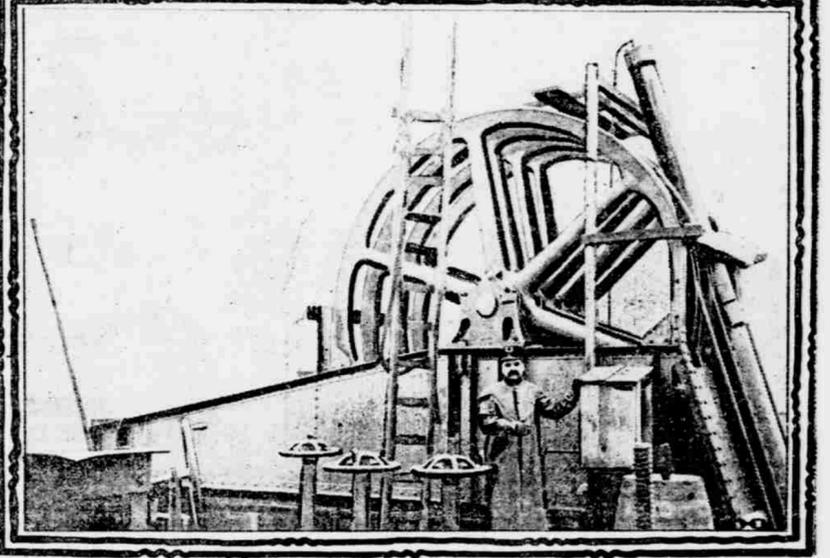
WILLIAM BROWN, DRAINAGE ATTORNEY FOR ST. LOUIS.



INFLUX OF SEWAGE-LADEN WATER, OVER LOWERED BEAR-TRAP DAM.



GENERAL VIEW OF THE GATE-HOUSE AND BEAR-TRAP DAM.



MECHANISM FOR RAISING AND LOWERING THE BEAR-TRAP DAM.

In the accompanying photographs, taken for The Sunday Republic, there is shown a general view of the gatehouse and also the bear-trap dam, over which, when lowered, flows the water and sewage from the drainage basin into the Des Plaines River. Another view shows the fluid rushing into the Des Plaines River. The little spouts of water shown in the picture were caused by timbers nailed to the dam, on which, before the canal was opened, a board walk led across to the gatehouse--the tower rising behind and above it. So hurriedly did Chicago work that no time was taken to remove either the board walk or cleats. The cleats remain. There is now no way of crossing except by a skiff by a circuit around the turbulent waters.

From photographs made for The Sunday Republic.

smoothly, and Miss Ingham was loudly applauded in every scene in which she appeared. The applause was so hearty that it is to all odds, only a question of time to give her a nomination to the next week's party, and she might have been given to herself the honor of a nomination.

Miss Ingham, who had been working for a long time, was found dead in her room at the Murray Hill Theater, in New York, on the morning of the 19th. She was 36 years old. Her death was a surprise to her friends, who had known her to be in excellent health.



WILLIAM HENRY THEODORE DURRANT. PROFESSOR ALFRED MORRISON.

The remarkable resemblance between Professor Alfred Morrison, who shot his wife in a dream, and William Henry Theodore Durrant, the young medical student who strangled two girls in a Baptist church in San Francisco in 1885, is at once apparent from the above pictures. Almost identical features are evident in both faces.

POLAR EXPLORATIONS. I must beg leave to differ with the prevailing opinion regarding polar exploration, that there is no commercial or material reward commensurate with the expenditure of time and money. In the Antarctic there are several prospective industries, and much of the future work has a direct bearing upon commerce. There are seals, and seals are valuable in abundance around the circumarctic area. Fur seals are nearly extinct. The various varieties of Antarctic seals have a coarse coat of single hair which is useless as a fur, but the skin and oil are of considerable value.