

By DAN ALLEGRETTI Of The Capital Times Staff

M adison area residents, and for general, can point to having some of the purest, cleanest drinking water in the nation. The main reason is that Wisconsin's drinking water comes from under-ground, and from surface sources that growth and the sources that in the source of the sources that growth and the sources that growth and the sources that in the sources of the sources that in the sources of the sources of the sources upstream and beyond local control.

control. That which we have flushed down the toilet has not come back to haunt

the totlet has not come back to haunt us - yet. Most of Wisconsin's industrial and municipal swage is disposed of in such a way as to not endanger water supplies in hits state. Sometimes that means washing it downstream in the Visconsin or Mississippi rivers, for cloverry about. Misvauke creation of the state of the state of cloverry about. Milvauke creating pollutants in Lake Michi-charging pollutants in Lake Michi-charging pollutants in Lake Michi-gan. Those pollutants - swage from the City of Milvaukee – were wash-ing southward with the lake's currents and endangering Chicago's water sup-plant of the state of the surface of the surface and endangering Chicago's water sup-plant of the surface o

Ing southward with the lake's currents and endangering Chicago's water sup-ply. One might well pity residents of cit-ies that get their drinking water from a river such as the Mississippl – espe-cially the lower portions of that mighty stream. When those clues wave been relatively clean. New per-coses in Louisiana, for example, are cirking water that must be purified of sewage from half the country. Here in Madison, though, drinking water then from wells as me of them more than 1,000 feet deep. The water they draw up is water that, of course, at one time list as rain. By the time it seeped way under ground it was filtered by soil and sandistone more than the count of the agrin

That system still works fine today, as evidenced by recent studies that show Madison's water to be free of all the worst contaminants. Still, man's effect on the environment has begin to take its toil here. The first effect to be fell has been an increase in the environment the second

sodium. But what concerns water utility offi-itals most about the chloride contami-lation is what it portends. It means hat in all likelihood, surface water is

beginning to be user as-underground water table. This is more likely to happen today than it was a couple of decades ago, they explain, because of the incredible amounts of water that have been pum-ped out of the ground in recent years. The Madison Water Utility alone pumps out some 12 billion gallons a

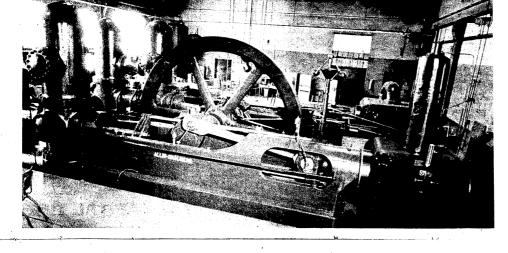
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MADISON, Wis., Monday, Jan. 9, 1978 - 17

This huge old steam-driven pump, still located in the Nichols Station though no longer in use, is supplied vater for the entire city. The wheel in the center alone weighs 10 tons. The other steam pump now is on display at the House on the Rocks this one, when Madison Water Utility. Bahndon the Nichols Station next year, likely will be kept where it is and turn-d into a local landmark.

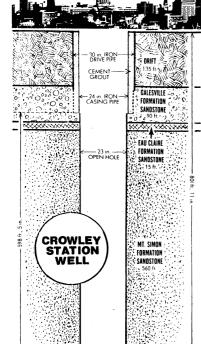


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1 Cross section of a typical Madison well shows the various levels of sandstone that are drilled through before hitting gran-ite bedrock, in this case at about 800 feet. Some of the city's wells go down more than 1,000 feet.