

North Memorial Health, Robbinsdale / Maple Grove



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Organization

North Memorial Health is a series of hospitals and clinics providing medical care. Founded in 1954 they have locations all over the metro area. This study is focused on the hospital in Robbinsdale.

Intern Project

Reduce water and energy waste at North Memorial Health Hospital and Maple Grove Hospital.

Incentives to Change

Last year North Memorial Hospital used 38 million gallons of water and 18 million at Maple Grove Hospital. They are looking for ways to improve systems throughout both of these hospitals to use less water, energy, and reduce operating costs.



Solutions

Install valve and timer
to automatically shut off flow of water in kitchen.

Install heat exchanger and pump
to put closed loop on the water used to cool the condensers for kitchen refrigerators.

Install new reverse-osmosis system
to reduce amount of reject and increase quality.

Install a timer on soup trough rinse
to save 1.3 million gallons of water.

Install new burners and linkageless controls
on boilers.

