



GOAL 4: INCREASE WATER CONSERVATION

Reduce per capita residential use of water by 20% by 2020.

Ensure that groundwater withdrawal rate does not exceed replenishment rate, including anticipated new population growth within the region.

Use all building storm water discharge onsite (i.e., watering landscaping) to reduce dependence on potable water.

ACTIONS

- Promote water conservation through rebate promotions (i.e., toilet rebate) and education programs.
- Encourage all commercial buildings be designed or retrofitted to maximize water use efficiency.
- Work with major industrial customers to develop water conservation plans for their facilities.
- Enact water-saving programs at all City buildings and agencies.
- Investigate and implement through policy/zoning the use of grey water systems.
- Assess the viability of dual water systems to enhance water conservation efforts in buildings. Create large common water catchment cisterns that would replace deep-well drinking water for watering lawns/gardens, washing cars, cooling-tower spray, etc.
- Assess the feasibility of using treated, disinfected, Madison Metropolitan Sewage District effluent to irrigate golf courses and industrial parks.



Timeframe: Short to Long-Term

Strategy Type: Operational, Policy/Code Changes, Incentive, Partnerships

Funding: Budget, Grants

Lead Agencies: Water Utility, Dane County, Wisconsin Department of Natural Resources, City of Madison
 or Partners: Madison Zoning, Community Partnerships

Related Sustainability Planning & Design, Carbon & Energy

Categories: