



EAGLE MOUNTAIN CITY WATER CONSERVATION STRATEGIES

PROJECT PURPOSE: This project is a collaboration between the Center for Water Efficient Landscaping (CWEL) at Utah State University and Eagle Mountain City. Through CWEL, we intend to directly assist the city in water conservation through customized application of several Extension programs and public outreach efforts including WaterMAPS™ analyses, delivery of Water Checks, Landscape Planning and Design for public spaces, and information provision to citizens. Eagle Mountain City is one of the fastest growing communities in Utah and has a very well-defined water resource plan. The city plans to become a Utah model for effective community-wide water conservation efforts and is wisely seeking documentation of program efficacy by establishing a baseline of current water use prior to program implementation. This project provides an excellent opportunity for USU Extension to work with Eagle Mountain City and, in the process, to develop a municipal case study of documented practices that will benefit water conservation outreach efforts throughout the state.

ACCOMPLISHMENTS TO DATE:



Faculty from USU have met several times with administrators from Eagle Mountain City to discuss the project and to formulate plans.

- A Masters of Landscape Architecture student from USU has accepted an assistantship to help in designing a low-water landscape for the area surrounding the city hall and the police department. This landscape will also be the focus of an educational program through its concomitant role as a demonstration garden.
- Plans are being made to conduct water checks in the city. To that end we have begun a partnership with BYU that will encourage their students to participate in this employment opportunity.
- Water use data for Eagle Mountain residents has been collected and a WaterMAPS™ analysis will be conducted to determine how efficiently the citizens of the community are using their water.
- Educational material for city residents will be developed simultaneously with the projects already started to insure that material is focused on Eagle Mountain and is relevant to their conservation program.

