



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Landscape Consultation Program

MEMBER AGENCY “TURN-KEY” WATER CONSERVATION PROGRAM

Member Agency Grant Assistance Background

For several years, Jordan Valley Water Conservancy District (JVWCD) has offered water conservation grants to its Member Agencies as part of ongoing efforts to provide an adequate drinking water supply and to promote efficient water use within its service area. Under this program, eligible Member Agencies can access \$50,000 or more, to assist in funding meaningful water conservation related activities, projects, and programs.

To make this grant opportunity more accessible, JVWCD has developed a series of “turn-key” water conservation programs. All the guidelines and requirements for these programs are predesigned, allowing Member Agencies to choose which programs are most appropriate for their service areas. Larger scale implementation of these programs will bring greater economies of scale and because they have already been vetted by the JVWCD staff and Board, the application and approval process will be streamlined.

Program Description

In Utah, homeowners use around 100,000 gallons of water outdoors each year. Experts estimate that as much as 50% of this water is wasted due to overwatering caused by inefficiencies in irrigation methods and systems. Because only 30% of Utah homeowners are familiar with how much water their households are really using, providing personalized guidance will help them to become more knowledgeable water consumers.

Landscape Consultations are designed to overcome barriers faced by homeowners by providing important information about their landscapes and irrigation systems. Key to the consultations are correlating meter data with actual water use and offering short-term and long-term recommendations for improved water efficiency.

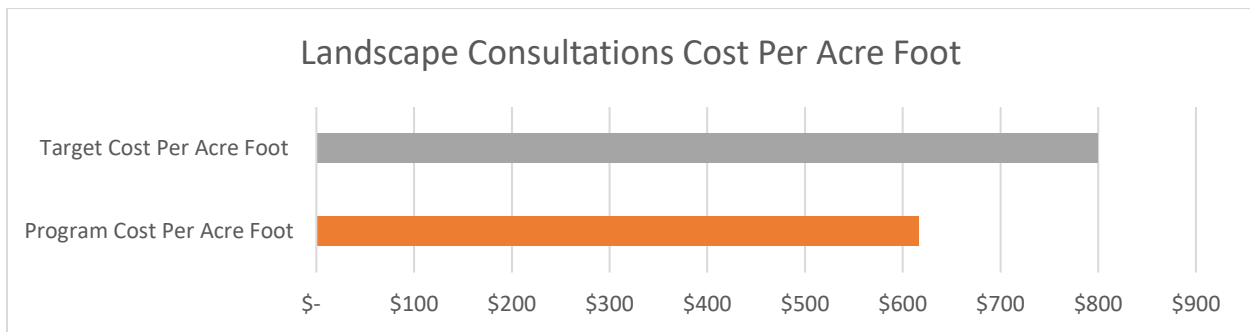
Program Overview

- Participant checks www.UtahWaterSavers.com to apply online, verify eligibility, and check deadlines.
- Participant describes their objectives for the visit and the consultation is scheduled.
- At visit, a technician evaluates water meter, water pressure, and irrigation zones, and notes any problems.
- Technician assesses the landscape design for possible improvements.
- Technician provides the participant with water use data in multiple formats that shows how irrigation practices affect actual water consumption.
- Technician provides a report with both short-term and long-term recommendations.



Cost Effectiveness and Water Savings

A recent study in Utah shows that participants in programs like the Landscape Consultation Program use 30% less water in the year following the visit. During JWVCD’s pilot Landscape Consultation program in 2016, 78% of those who participated were satisfied enough with the program to recommend it to others. 90% of participants felt more confident in understanding their landscape needs and how to operate their irrigation systems. About the same amount either have implemented or plan to implement the program recommendations. The chart below uses a capital recovery analysis over a 3-year period with 4.5% annual interest. Program costs include the rebate amount and program administration fees (staff time, vehicle costs, scheduling, application processing, check processing, mailing, etc.).



Grant Funding Estimates

# of Consultations	Staff Time	Vehicle	Total Cost
100	\$ 8,550	\$ 810	\$ 9,360
200	\$ 17,100	\$ 1,620	\$ 18,720
300	\$ 25,650	\$ 2,430	\$ 28,080
400	\$ 34,200	\$ 3,240	\$ 37,440
500	\$ 42,750	\$ 4,050	\$ 46,800
600	\$ 51,300	\$ 4,860	\$ 56,160
700	\$ 59,850	\$ 5,670	\$ 65,520

JVWCD Responsibilities

JVWCD will apply Member Agency grant funds to the “Total Cost” found in the “Grant Funding Estimates” table based on the volume selected by the Member Agency. JVWCD will administer all aspects of the program, except for any related promotional costs. It requires no cost sharing commitment from the Member Agency. Following the program period, JVWCD will provide a final report to the Member Agency which will include the total number of landscape consultations and the name, address, and water service account number for the participants.

Member Agency Responsibilities

Member Agencies must select the number of landscape consultations to complete as part of the program for a one-year period.



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Promotion

The Member Agency will be responsible for promoting the turn-key programs to its service area or target customers. JWVCD will create digital bill stuffers that can be used by the Member Agency, with a customizable location for the Member Agency logo. Member Agencies will be responsible for promotional printing costs as they are not included as part of the estimated costs for the program. In addition, Member Agencies will be responsible for all other costs and resources needed for the promotion of turn-key programs.

Per Capita Water Use

The Member Agency must provide per capita water information from the year 2000 through the current year, or most recent year that information is available.

Data Sharing

During the online application process, participants will provide their name, address and account number. They will agree to share their water use information. The Member Agency must agree to provide historical, current, and future water use information for program participants to help JWVCD perform, assess, validate, and improve the programs.

Timeline

To ensure budget funds and Board approval, the program will run during JWVCD's fiscal year beginning on July 1 and end on June 30 of the next year.

Program Restrictions for Participants

- Consultations are limited to one per property every 3 years.
- Participant must be present during the visit.
- Participant agrees to let technicians adjust any irrigation controllers.
- JWVCD and the Member Agency are not responsible for the condition of the plumbing, irrigation system, landscaping or water use as a result of the visit, now or in the future.

Agreement Exhibit Information

Project Description: Landscape Consultations are designed to overcome barriers faced by homeowners by providing important information about their landscapes and irrigation systems. A consultation visit consists of analyzing each irrigation zone, addressing homeowner concerns and knowledge level, providing education including a recommended watering schedule, and making short term and long term recommendations for landscape improvement.

Services Offered by JWVCD:

- Create customizable bill stuffer templates that can optionally be used by the Member Agency to promote the program.



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

- Supply a website that allows participants to apply for the program and track status of application.
- Contact participants and schedule the consultation visit.
- Perform the consultation with the participant present.
- Gather attributes about the landscape and irrigation system including property size, lawn area, planting area, gallons used per watering, soil type, lawn root depth, system pressure, controller information, and irrigation zone types, run times, and related problems.
- Provide landscape and irrigation education, a watering schedule, and recommendations for improvement.
- Send a visit summary report to participant with all information gathered during the visit and final recommendations.
- Send a final report to Member Agency with all consultation visits completed in its service area.

Member Agency Responsibilities

- Send JWVCD approved digital logos.
- Promote program in its service area to generate sufficient interest.
- Provide JWVCD with per capita water use information since 2000.
- Provide JWVCD with participants contact and water use information before the consultation visit.

Project Information

Number of Consultations: _____ Estimated Program Cost: _____

Program Start Date: _____ Program End Date: _____