



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

“Switch2Drip” Drip Irrigation Conversion 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 Overview

Watering landscapes efficiently is one of the best ways to conserve water. JVWCD has determined that converting existing spray sprinkler systems to drip irrigation is an effective way to achieve efficiency in residential landscapes. Spray sprinkler systems are on average 50-70% efficient. Drip irrigation systems are on average 90% efficient. The average planter bed is watered the same way lawn is watered and in most scenarios on the same valve. By converting existing spray sprinklers to drip irrigation the average resident can expect to save 4,000 gallons per 250 sq. ft. Part

Switch2Drip is an add-on program to the Landscape Consultation Program. A cash rebate of \$100 per converted zone is available to residential customers who convert existing spray sprinklers to drip irrigation. Participants must receive a Landscape Consultation to be eligible for this program.

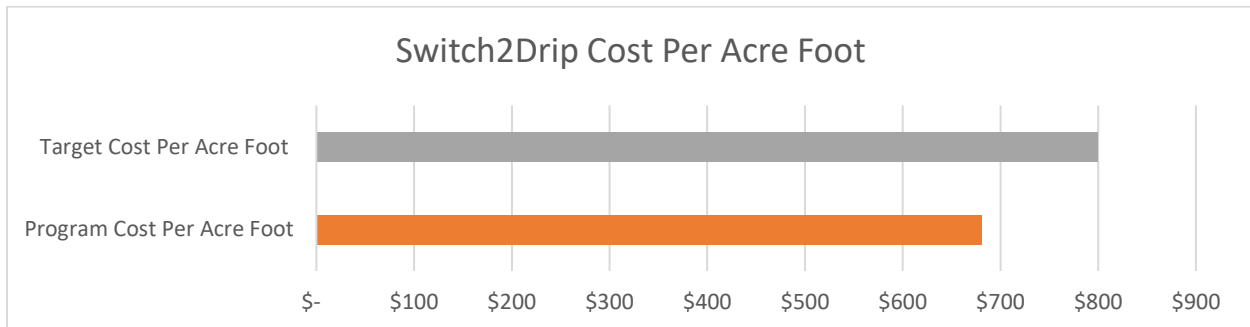
Program Process

- Participant checks www.UtahWaterSavers.com to verify eligibility and complete online application for the Landscape Consultation Program.
- Approved participants will be contacted to schedule a landscape consultation.
- Participant is made aware of Switch2Drip program at the landscape consultation.
- JVWCD employee measures area to be converted and takes pictures.
- Participant purchases and installs drip irrigation equipment.
- Participant submits pictures of converted area and a copy of the purchase receipt.
- Participant receives rebate check in the mail.



Cost Effectiveness and Water Savings

The chart below uses a capital recovery analysis over a 20-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.). Some of these costs are saved because the program is tied to Landscape Consultations.



Grant Funding Estimates

Conversion Volume	Administration Fees	Rebate Fees	Total Cost
50	\$ 552	\$ 5,000	\$ 5,552
100	\$ 1,104	\$ 10,000	\$ 11,104
150	\$ 1,656	\$ 15,000	\$ 16,656
200	\$ 2,208	\$ 20,000	\$ 22,208
250	\$ 2,760	\$ 25,000	\$ 27,760
300	\$ 3,312	\$ 30,000	\$ 33,312

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 rebates and the name, address, and water service account number for the participants.

Member Agency Responsibilities

Member Agencies must select the number of rebates to process as part of the program for a one-year period. The Member Agency can choose to include a customized letter from its agency with the rebate by providing digital versions of approved logos if desired.

Promotion

The Member Agency will be responsible for promoting the turn-key programs to its service area or target customers. JVWCD will create digital bill stuffers that can be used by the Member Agency, with a



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

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 JVVCD perform, assess, validate, and improve the programs.

Program Restrictions for Participants

- Conversion project must convert an existing overhead sprinkler zone to drip.
- Converted area must include a minimum of 250 sq. ft. of planter bed after conversion.
- Existing landscape watered by the zone can be lawn, trees, shrubs, or perennials.
- Converted zones must be watered properly with drip irrigation in the planter beds and spray sprinklers in the lawn.
- Spray sprinklers and drip irrigation must not be on the same zone once the conversion is complete. This may require moving heads and adding an additional valve.
- Valve must have a filter and pressure reducer.
- Retiring a zone or installing hardscape does not qualify for this rebate
- Participant must complete the conversion and notify JVVCD within 6 months of signing the Agreement.
- Participant must sustain the conversion and never water planter beds in that zone with spray sprinklers again.
- Participant must comply with all applicable laws, policies, codes, ordinances and covenants regarding the landscape.

Agreement Exhibit Information

Project Description: The Switch2Drip program allows residential customers within a Member Agency's service area to receive a cash rebate of \$100 per zone for converting existing spray sprinklers to drip irrigation. Participants must receive a Landscape Consultation to be eligible for this program.

Services Offered by JVVCD:

- 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 eligible participants and schedule a consultation visit.
- Provide Switch2Drip program details to consultation participants.
- Verify eligibility by measuring and photographing the area to be converted.
- Execute an agreement with participants to ensure program requirements are met and sustained.
- Verify completion of each drip conversion through receipts and photographs provided by the participant.
- Send participants a check in the mail based on number of converted zones.
- Send a final report to Member Agency with all conversion projects completed in its service area.

Member Agency Responsibilities

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

Project Information

Number of Rebates: _____

Estimated Program Cost: _____

Program Start Date: _____

Program End Date: _____