



Spray to Drip Irrigation Conversion Rebate Program Guidebook

Replace your operational sprinklers in planter beds and hedges with highly efficient drip irrigation that delivers water directly to the plants. Save water, simplify your irrigation, and enjoy extra money in your pocket. This rebate does not apply to existing lawn areas.

2020-2021



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Program Introduction

Spray to Drip Irrigation Conversion Rebate

Replace your operational sprinklers in planter beds and hedges with highly efficient drip irrigation that delivers water directly to the plants. Save water, simplify your irrigation, and enjoy extra money in your pocket.

Single-Family Homes

⇒ **\$2.00/sq.ft.** up to \$4,000 maximum

Multi-family Dwellings/Commercial Properties

⇒ **\$2.00/sq.ft.** up to \$6,000. Per metered account.

⇒ Plus an additional **\$1.00/sq.ft.** up to \$10,000 (total combined maximum)

Apply online at www.smgov.net/water or call 310-458-8972 for more info.

Eligibility and Conditions

To qualify and receive a rebate in the Spray to Drip Rebate Program, applicants must meet the following requirements:

- The property must receive water utility service from the City of Santa Monica.
- “Spray to Drip” rebates cannot be combined with the “Cash for Grass” rebate for the same converted area. Separate applications will be required for each individual rebate for different areas.
- The area for conversion must have working sprinkler systems at the time the application is submitted. Pre-verification photos of an operational sprinkler system must be submitted.
- Projects installed as part of new construction, new development, or major remodels are NOT eligible for the rebate.
- Projects cannot be used to irrigate lawn. Check out our “Cash for Grass” rebate to replace turf grass with climate appropriate plants and mulch.



Steps to Program Success

Program Requirements

- The application form for the project must be submitted by the property owner or, if submitted by a tenant or property manager, the project must be authorized in writing by the property owner.
- In compliance with the Internal Revenue Service (IRS), a completed [Form W-9](#) is required. The customer receiving the rebate check must be the same person or business required to submit the Tax Identification Number (TIN) on the completed Form W-9.
- The rebate check will be issued to the property owner unless prior written permission has been provided by the property owner to have the check issued to a tenant or other designated person.
- All projects must be completed and receive final inspection approval by May 31, 2021.
- Rebate project must be maintained as a drip irrigation system for a minimum of 5 years from the date of the final inspection.

Program Steps

1. Submit Application

After you determine your eligibility (see previous page), complete the online application at www.smgov.net/water. Printed application forms are available by calling 310-458-8972. With your application, please submit pictures of existing planted areas and operational sprinklers.

2. Receive Approval

Your application will be reviewed to ensure that your property qualifies. You will then receive an e-mail confirming your project with an Installation Checklist to assist in the installation and approval process.

3. Prepare

It is important to make a plan for your project to ensure success. Please see page 3, "Preparation", for tips and assistance.

4. Install

You can now proceed with your project. You have until May 31, 2021 to complete your project.

5. Get Inspection

Once you have completed your project, submit your completed Installation Checklist and Form W-9. To schedule a final inspection, call 310-458-8972 or email savewater@smgov.net.

6. Receive Your Rebate and Display Your Sign!

Upon passing inspection, please allow up to 8 weeks for your rebate check to be processed and mailed. Be sure to ask us for your "We (heart) Santa Monica" sign to let your neighbors know how you are saving water!



Preparation

Select an Experienced Installer

Proper installation is the key to success. Consider the following when selecting an installer:

- Experience installing drip control zone kits
- Experience installing professional grade drip irrigation systems
- Experience setting drip irrigation controller schedules to establish and maintain healthy plants
- Experience with Santa Monica's rebate programs
- Installer is a Santa Monica business license holder

Reminder! Be sure to give your selected installer the Installation Checklist to fill out *before your project starts* and to sign once your project is complete. Send the completed checklist to savewater@smgov.net and City staff will contact you to schedule a final inspection.

Find the Right Installer

Visit the following websites to find the installer that is right for you.

- **Think Santa Monica First...Buy Local!** buylocalsantamonica.com
- www.epa.gov/watersense/find-pro
- www.clca.org
- Greengardensgroup.com



Approved Drip Irrigation Parts

INSTALL ONLY THE FOLLOWING APPROVED PARTS

These items are on the Installation Checklist and will be verified during final inspection.

IMPORTANT BACKFLOW INFORMATION

All commercial properties must install a Master Backflow Prevention Device (“RP”) on the irrigation system. All other properties may use anti-siphon valves for backflow prevention.

DRIP CONTROL ZONE KITS *with* a Master Backflow Device (“RP”)

Properties with a Master Backflow Prevention Device (“RP”) must use one of the following drip control zone kits.

Brand	Model
Netafim	LVCZS80SF10075-LF/HFHP
Hunter	PCZ-101-40 or ICZ-101-40-LF
Rain Bird	XCZ-075-PRF or XCZ-100-PRF
TORO	DZK-TPV-1-LF
Landscape Products	LP-VP-1- Drip Zone Kit

DRIP CONTROL ZONE KITS *without* Master Backflow Prevention Device

Properties **without** a Master Backflow Prevention Device (“RP”) must use one of the following drip control zone kits. Anti-siphon valves must be installed a minimum of 6 inches above the highest converted area

Brand	Model
Irritrol	2711APRDK-LF
Hunter	ACZ-075-25/40
Rain Bird	XACZ-075-PRF
TORO	DZK-TPV-1-LF

DRIP TUBING

Use **ONLY 1/2-inch drip tubing with built-in emitters** that flow at 1 gallon per hour or less:

Brand	Model
Agrifim	Duro Flo Inline CV Series
Hunter	PLD-CV Dripline Series
Rain Bird	XFS-CV Dripline Series
TORO	Drip In PC Brown Dripline Series
Landscape Products	EZ-ID-CV Dripline Series
Netafim	Techline HCVXR or CV Series Dripline

ZONE FLUSHING DEVICE

Install one of these end-of-line flushing mechanisms for each drip irrigation zone.

Figure 8
Ball Valve

OPTIONAL PRESSURE INDICATOR

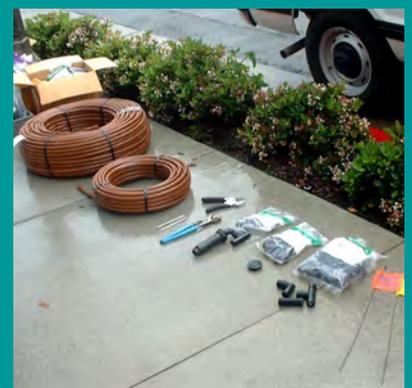
- Tattle-Tail Device: This is a repurposed sprinkler head where the nozzle has been removed and replaced with a PVC cap. When the drip zone is turned on, it pops up to indicate the tubing is pressured and working.

Installation Requirements

PLEASE PROVIDE THIS INFORMATION TO YOUR INSTALLER

These items are on the Installation Checklist and will be verified during final inspection.

- All existing sprinklers must be removed or capped in the project area.
- Only professional grade drip irrigation specified on the enclosed parts list may be used in the converted area.
- Santa Monica requires 1/2 inch inline tubing which has the drip emitters that release water built into the tubing itself.
- Make sure you buy and install an approved drip control zone kit as specified on the enclosed parts list. A drip irrigation system includes a backflow prevention device, low flow valve, filter, pressure regulator, and flushing mechanism.
- The drip control zone kit must have a flow rate that matches the flow rate of the drip zone. A pressure regulator which reduces the water pressure coming into your drip system to 30 through 40 psi is an essential component of any drip irrigation system.
- The sprinkler controller must be reprogrammed for a drip irrigation schedule.
- Drip control zone kits with anti-siphon valves must be installed 6 inches above the highest drip emitter. Raised beds and planters are examples where height could be effected.
- Install drip irrigation filters so they are easily accessible for servicing. A filter on your irrigation valve keeps the drip tubing free of sediment and other debris that could degrade the efficiency of the irrigation system.
- You need to be able to flush your drip system once a year. Install a Figure 8 or Flush Valve flushing mechanism for each drip irrigation zone. A figure 8 end clamp is an easy way to close off the end of your drip tubing. It is also easy to take it off to flush the drip line at least once a year.
- Drip irrigation zones must be on their own valve (DO NOT combine with existing overhead sprinklers or tree bubbler zones). If needed, install a new low flow valve that is made for a drip irrigation system.
- Where feasible, install trees on a separate drip zone valve.





Installation Requirements

IMPORTANT REMINDERS!

1. Only professional grade 1/2" tubing is allowed. DO NOT install 1/4' spaghetti drip tubing or multi-outlet emitters.
2. DO NOT install drip irrigation and sprinklers on the same valve as they apply water at much different rates.
3. Keep your trees on a separate valve than your other plants. Trees have unique watering needs and a separate valve allows you to schedule watering for each plant type.
4. Remember to re-program your irrigation timer for drip irrigation to ensure you are not over-watering or under-watering your new landscape. A separate rebate for a new irrigation controller is available at www.socalwatersmart.com.
5. DO NOT bury drip irrigation filters during installation as they need to be accessible.
6. DO NOT re-install or add new sprinkler irrigation in the project area after the old system has been removed. New sprinklers are illegal in Santa Monica.
7. DO NOT combine a Spray to Drip Rebate project in the same converted area as the "Cash for Grass" rebate. Separate applications are required for each individual rebate in separate areas.

Other Rebates

Additional rebates are available to help you save even more water. Apply online at www.smgov.net/water or call 310-458-8972. Note: these rebates require a separate application from the Spray to Drip Rebate.

Cash For Grass Lawn Removal

⇒ **\$3.50/sq.ft.** (up to \$6,000) when you replace turf grass with sustainable landscaping

Landscape Features

⇒ **\$1,000** for a rain garden

⇒ **\$1,000** for a rock garden or dry riverbed

Rain Barrels/Cisterns

⇒ **\$200** for a 0-199 gallon rain barrel

⇒ **\$500** for a 200-499 gallon small cistern

⇒ **\$2,000** for a 500+ gallon cistern

Permeable Driveway

⇒ Up to **\$2,000** for a driveway upgraded to a permeable driveway

Downspout Redirect Device

⇒ **\$40** for a downspout redirect

More Rebates!

Visit www.socalwatersmart.com for additional water-saving rebates on devices such as smart irrigation controllers, high-efficiency toilets, urinals, and clothes washing machines.





Questions? Contact Us!

Email savewater@smgov.net or call 310-458-8972

Water Conservation Unit
City of Santa Monica

Office of Sustainability and the Environment
City Hall East

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