



Go Green Program

Water Demand Offset Residential Green Credits

Get Credit for Green Building

Reduce your Water Demand Offset (WDO) fees for your new or expanded water service by going beyond the minimum District requirements with toilets, showerheads, washing machines etc. The WDO Green Credit Program reduces project costs for the developer and water costs for the end user.

What Qualifies for Green Credit?

Your project's water demand will be reduced according to the following categories; Blue, Silver, Gold or Platinum, plus options A-E. A calculated percentage of expected water savings is applied to your project's overall water demand which lowers the WDO fees. Shown below are the fixtures or measures with the associated water saving category required to qualify for green credit. The "Blue" through "Platinum" categories must be selected in their progressive order. The "Blue" category must be selected to be eligible for any additional A-E options.

Blue: Ultra high-efficiency toilets (UHET) that use 0.8 gallons or less per flush (gpf).

Silver: Showerheads with a flow of 1.5 gallons per minute (gpm) or less.

Gold: Bathroom faucets with a flow of 1 gpm or less.

Platinum: No turf (turf is a ground cover surface of mowed grass.) and **no overhead spray** irrigation for the first 5 years. *Low to very low* plant species and permeable hardscape are recommended.

Options A through E can be chosen independently of the other water conserving categories and are not cumulative but may only be added to the project if the requirements for the Blue category (toilets) have been met.

Washing machines with an Integrated *Water Factor* of 3.2 or less. Water factor is the number of gallons per cycle per cubic foot of water.

Hot-water recirculation systems which are "on-demand." Timer based systems are not included in this program.

Weather-based irrigation controllers

Graywater rough plumbed or connected to a subsurface irrigation system

Measure proposed by applicant: you have the option of proposing a water saving measure. Custom water savings and offset credits will be calculated.

Green Credits Save Money

The table below demonstrates the water and cost savings for a typical single-family residence by implementing green measures. Besides the immediate dollar savings from having to pay for less water demand offset fees, there are other benefits. Many land use agencies offer green building points for water saving measures. The long-term benefits of better water-use efficiency in your development include lower water, wastewater and energy bills, while preserving the health and sustainability of the aquifers that provide our water. The costs, number of fixtures and turf area in the table below are approximations based on a single family residence paying a fee of \$55,000 per acre-foot of offset water. Exact savings will vary depending on the size of the development, which options are chosen and cost of fixtures.

How to Apply

Decide what category best fits your development and fill out the Residential Green Credit Application. Submit the application to District staff for review and to calculate your water savings and monetary savings from going green. If you have any questions please call 475-8500.

Potential money saving examples for a typical single-family residence

Options A-E are not cumulative. The cost and number of fixtures and turf area are approximations based on a single family residence paying a WDO fee of \$55,000 per acre-foot of offset. *For approximate net savings and the long term benefits see paragraph above: "Green Credits Save Money."

Water Saving Category	Green Measures Included	Additional cost for	% Water savings	Cost savings from a lowered WDO fee.	Approx. net savings with Green Credits*
Blue	Ultra High-Efficiency toilets (.8 gpf)	\$0	Cumulative 5.1%	Cumulative \$1,158	Cumulative \$1,158
Silver	Blue + showerheads (1.5 gpm)	\$0	7.6%	\$1,726	\$1,726
Gold	Silver + bathroom faucets (1 gpm)	\$0	8.9%	\$2,022	\$2,022
Platinum	Gold + no turf (no overhead spray)	\$0	14.6%	\$3,316	\$3,316
Option A	Weather-based irrigation controllers	\$150	Not cumulative 2.4%	Not cumulative \$545	Not cumulative \$395
Option B	HE clothes washers (3.2 water factor)	\$100	3.6%	\$818	\$718
Option C	Hot-water recirculation system (on demand)	\$600	1.7%	\$386	- \$214
Option D1	Graywater (rough plumbed)	\$500	1.0%	\$227	- \$273
Option D2	Graywater (connected to irrigation)	\$2500	4.0%	\$909	- \$1,591
Option E	Measure proposed by applicant	Water savings, cost savings, and fixture or measure eligibility will be determined by staff on a case-by-case basis.			



Residential Green Credit Application

Property owner's name _____
Last name or company name _____ First name (if applicable) _____

Property location _____
Street and City _____ Assessor's Parcel Number (APN) _____

Contact person _____
First and last name _____ Title (if applicable) example: project manager _____

Phone and e-mail _____
phone number _____ e-mail address _____

GREEN MEASURES

Check appropriate green measures for your development
 Questions? Call 475-8500 for more information

Category	Green Measure Included	Cumulative % Water Savings	Total % Water Savings
<input type="checkbox"/> Blue	Ultra High-Efficiency Toilets (0.8 gpf or less)	5.1%	
<input type="checkbox"/> Silver	Blue + shower (1.5 gpm or less)	7.6%	
<input type="checkbox"/> Gold	Silver + faucets (1.0 gpm or less)	8.9%	
<input type="checkbox"/> Platinum	Gold + no turf and no overhead spray irrigation	14.6%	
Other Water Saving Measures <i>(eligible only if Blue Category above is also selected)</i>		Not cumulative	
<input type="checkbox"/> Option A	Weather-based irrigation controller	2.4%	
<input type="checkbox"/> Option B	Clothes washer with 3.2 Integrated Water Factor or less	3.6%	
<input type="checkbox"/> Option C	Hot water recirculation system (on demand)	1.7%	
<input type="checkbox"/> Option D1	Graywater (rough plumbed)	1.0%	
<input type="checkbox"/> Option D2	Graywater (connected to an irrigation system)	4.0%	
<input type="checkbox"/> Option E	Proposed measure, custom calculations for water savings and WDO % factor		
Total % Water Savings from Categories and Options A-E			

% Water Savings based on a typical single family residence.

CALCULATIONS

$100\% - \frac{\text{Total \% water savings}}{\text{WDO \% reduction factor}} \times \text{Offset required (acre feet)} = \text{WDO Offset after green measures}$

$\text{WDO Offset before green measures} \times \text{Current WDO fee per acre foot} = \text{WDO fee without green credit}$

$\text{WDO Offset after green measures} \times \text{Current WDO fee per acre foot} = \text{WDO fee with green credit}$

Cost savings \$ _____

VERIFICATION (District use only)

Green Credit Approved Denied (If denied, indicate reason)

By: _____ Date _____

Notes: _____

Inspection/ approval

Inspected by _____ Date _____