

**Public Works**

**Water Conservation**

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Water Smart™



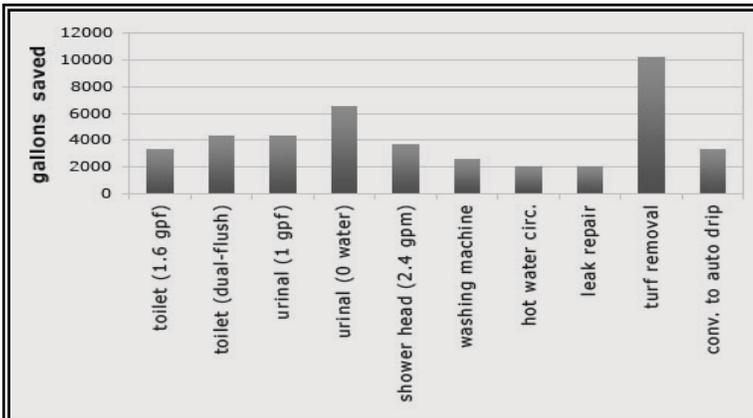
Conservation on the web  
[www.prescott-az.gov](http://www.prescott-az.gov)

**WATER SAVING POSSIBILITIES**

A two-bathroom household retrofit with all of the proposed incentives (water efficient toilet, shower head, leak investigation and repairs, turf removal, improved irrigation management, and harvesting rainwater) will save every household approximately 30,500 gallons of water per year.

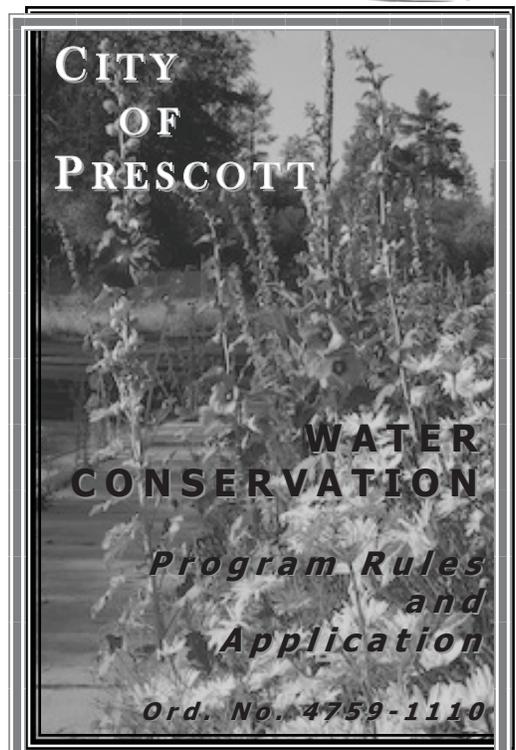
The water saving of water would amount to approximately 1400-acre feet of saved per year at our current population. Imagine if every household adopts water-efficient plumbing devices, installs Water Smart landscape and every household member would practice daily water conservation.

**HOUSEHOLD ANNUAL WATER SAVING**



Primary source: Vickers. 2001. Handbook of Water Use and Conservation

**Water Smart™**



*Credit is subject to program rules and product installation verification. Please allow 90 days to process utility bill credit from date of application received in our office.*

**ORDINANCE NO. 4759-1110, ADOPTED 08/31/10**  
RECINDS ORDINANCE NO. 4691-1034 PASSED AND ADOPTED 02/24/09, AND 4527, 02/28/06

WATER SMART PRODUCT DESCRIPTION	MAXIMUM CREDIT
Landscape conversion to automatic drip systems <sup>1</sup> - <i>Attach a copy of Irrigation Backflow Permit</i>	\$25 per component \$ 75 Maximum
Certified Irrigation Audit <sup>2</sup>	\$ 100
Rainwater Cisterns <sup>3</sup> \$0.10 per gallon—450 gallon minimum storage	\$ 300 Maximum
Turf removal on-site and in adjacent right-of-way <sup>4</sup> <i>Requires a minimum turf removal (Grass must have been installed prior to January 2007, located on-site or in an adjacent an right-of-way (\$0..25 per sq. ft.)</i>	Residential \$ 400 Commercial \$ 800
Rotator Sprinkler Head Technology—Replace a minimum of 12 spray heads with rotator efficiency	\$2 per rotator head \$40 Maximum
Leak repair: (\$25.00 maximum benefit total for indoor or outdoor detection)	\$5 per leak \$25 Maximum
Low-flow Toilets (not to exceed 1.6 gallon per flush, 1994 or older replacement only)	\$ 50 Old toilets must be destroyed. DO NOT DONATE
High Efficient Toilets and or Dual Flush Toilet (1994 or older replacement only)	
Commercial Urinals (0.8 gpf or 0.0 gpf chemical treatment - 1994 or older replacements only)	\$ 50
Showerheads (not to exceed 2.4 gallons per minute gallons per minute, gpm.)	\$ 10
Low Flow—Low Tech retrofit <i>Water Smart</i> device - submit packaging specifying water savings	\$ 10 per device

### **<sup>1</sup> LANDSCAPE CONVERSION TO AUTOMATIC DRIP SYSTEM**

The irrigation system when complete shall include the following components: (a) Automatic timer, (b) Backflow prevention device; copy of the irrigation system required plumbing permit, and (c) Drip irrigation water distribution system. Incentive award may represent the addition or combination of any one of these three (3) irrigation components. No credit allowed if (b) BP - Backflow prevention device is not installed and applicant must attach a copy of the Irrigation - Backflow Device—Plumbing Irrigation Sprinkler Permit - is required by the City Code. \$25.00 per component credit allowance—\$75.00 maximum credit.

### **<sup>2</sup> LANDSCAPE IRRIGATION AUDITS BY AN ACCREDITED/CERTIFIED IRRIGATION AUDITOR**

Irrigation audits will require consumers to contact the conservation office and request a water use history specific to the outdoor water use audit. Consumer will arrange to hire and pay a CLIA trained or approved program certified auditor. To receive credit consumer will submit a copy of the following: (a) billing account - water history, (b) complete and certified landscape irrigation worksheet, and (c) copy of an invoice from a certified landscape irrigation audit service. **Note: A list of Certified Irrigation Auditors is available at [www.irrigation.org](http://www.irrigation.org), link to certified professionals. Request an audit at WaterSmart on the web at: <http://www.cityofprescott.net/services/water/audit.php>**

**<sup>3</sup> RAINWATER HARVESTING FOR OUTDOOR LANDSCAPE WATERING USE:** Plan and install a rainwater harvesting system for outdoor watering use. Requires a 450 gallon minimum tank or engineered bio-retention, rain garden. Please calculate your rainwater catchment potential and a brief statement of how large or how many trees or shrubs you will plan to water with the harvest system. Include two (2) pictures of your final installation and planter beds. Use this link to a rainwater calculator to assist you in calculations. <http://rainwaterharvesting.tamu.edu/onlinecalculator/AZ/html/Prescott/Prescott.htm>

### **<sup>4</sup> TURF REMOVAL ON-SITE AND IN ADJACENT RIGHT-OF-WAY**

Requires the conversion from turf lawns to a water saving landscape. **Submit before and after pictures with turf credit application as proof of turf removal.** If irrigation is required the conversion to drip irrigation or alternative irrigation system is a requirement. Irrigation or rainwater harvesting credit may apply with the turf credit. Incentive credit is \$0.25 per sq. ft and the following minimum turf removal applies: **COMPST OR DESTROY OLD TURF—DO NOT DONATE**

*Residential minimum turf removal.....200 sq. ft.*

*Non-Residential minimum turf removal..... 1000 sq. ft.*

### **RESEARCH WEB LINKS:**

Consortium for Energy Efficiency (CEE) - [www.cee1.org](http://www.cee1.org) EPA WaterSense— <http://www.epa.gov/watersense> UVRWPC—  
[www.uvrwpc.org](http://www.uvrwpc.org) Yavapai County Extension Service Master Gardener Resource —Back Yard Gardener <http://ag.arizona.edu/yavapai/anr/hort/byg/index.html>

# WATER CONSERVATION CREDIT — PROGRAM RULES AND APPLICATION

**PURPOSE OF PROGRAM** is to encourage residents and businesses to conserve water. The award credits is designed to assist and promote the replacement of inefficient plumbing fixtures or renovation of high water use outdoor turf areas. Incentives are issued to water customers as a utility bill credit. Incentives are available for residential and non-residential customers.

**INCENTIVE PROGRAM** City of Prescott water utility customers investing in specific water efficient improvements, systems, service or landscape conversion which occur at the utility site on or after March 30, 2011 shall be eligible to receive a Water Conservation Incentive Credit upon submitting a complete and approved application.

**ATTACH A LEGIBLE COPY AND DATED RECEIPT, INVOICE AND PHOTOGRAPH OF PRODUCTS ( IF REQUIRED ) TO THE INCENTIVE CREDIT APPLICATIONS. SUBMIT APPLICATION WITHIN 240 DAYS OF PRODUCT PURCHASE OR SERVICE.**

**ELIGIBILITY** is open to all City of Prescott-Water Utility Customers. Water utility accounts shall be current and in good standing. Only water efficient devices listed and approved may be replaced, removed or retrofit. Plumbing retrofits apply to homes which are older or were remodeled prior to 1995.

1. All City of Prescott— Water Utility Customers
2. Building or remodel project constructed prior to 1995 (plumbing retrofits) limit 2 toilets per customer account. **Destroy old toilets— do not donate.**
3. Legal owners of record or an assigned agent (renters and commercial lease holders)
4. Homes of any age may apply for incentives for lawn removal, irrigation audits, rotator spray head replacements, drip irrigation system, Rainwater catchment systems and water saving technology.

***Incentive award credits will not be issued for installing plumbing fixtures in new construction or home additions permitted after calendar year 1994.***

**RENTALS AND LEASED PROPERTY** are allowed to participate. Landlords wishing to support water conservation incentive or retrofits in rental units shall fill out a separate application. Property Owner's signed application confirms the that the legal owner of record is aware of and shall permit the lessee to carryout plumbing or outdoor retrofits at the property. Attach a landlord signed application to the lessee's incentive application. Credit may only be applied to the water account associated with the retrofit address. Due to limited program funds, **Maximum Incentive credits allowance for a property shall be limited to \$2,500.**

**PROCEDURES** of incentive program require customers complete and return the most current and approved application. Shall provide legible, dated copies of supporting document as proof of purchase and/or installation. **Proof may include:** receipts, contract agreements and if required, an irrigation system— plumbing permit for an approved backflow prevention device.

**APPROVED APPLICANTS SHALL AGREE TO SITE VERIFICATION AND PROGRAM OVERSIGHT IF REQUESTED.** In an effort to audit the Water Incentive Program's effectiveness, approved applicants shall allow the city assigned agent to verify installation of any water saving product if credit is awarded. Site visits may occur and applicants shall be randomly selected. *Authorized credits may be subject to repayment if false claims for incentive awards are found.*

**INCENTIVE AWARDS** are administered by the City of Prescott— City Management. Applications are received on a first-come, first-serve basis. At no time will any applicant be allowed to receive more than one-half (1/2) of the monies remaining for a specific item budget line for any fiscal year. Incentive awards are subject to council approved annual budgets.

**CREDIT PROCESS** Incentive program awards are provided only as a credit to the property's city water bill and not as a check or other payment. Credit will be applied according to information provided on the approved application. Utility customers can expect a credit to the utility account within three (3) utility billing cycles or about 90 days from the receipt of application. All applications will be date stamped. Credit is applied to utility billing account and is at the sole discretion of the Utility Billing Department.

**APPLICATIONS ARE AVAILABLE AT:** City Hall, Public Works , on the web Water Smart—Conservation page and throughout community and business locations. As a community we have a collective interest in promoting water efficient products and/or service. Please complete all customer areas, include copies of required pictures and forms, ***sign and date application, copy all documents and mail to program address.***

**ADMINISTRATION OF THIS PROGRAM** shall be at the discretion of the Program Manager and Conservation Coordinator. Management may designate additional staff or volunteers to assist with procedures. ***Program coordinator shall administer and approve applications in accordance with the intent and spirit of the program, adopted ordinance, and annual budget.*** *Note: Incomplete application may be returned and credits will not be processed. A corrected application may be re-submitted for review and approval. Assistance is available to any customers who may need help preparing and processing an application.*

## READ COMPLETE PROGRAM RULES

**Copy all required receipts and secure to application. Return only complete and signed applications. Include attachments and mail or deliver to: City of Prescott, Water Conservation.  
Proof of purchase or service dates: After March 30, 2011:**

1. Application—Customer information, please review Utility bill and Yavapai County Assessor Parcel Number (APN) required information.
2. Copy of dated receipts, invoice , pictures, contracts, proof of purchase.
3. Lessee and landlord must return two (2) signed applications authorizing water conservation improvements or retrofits.



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