

3-90500-421



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 433 N. Virginia Street, P.O. Box 2059
 Prescott AZ 86302-2635

928.777. 1130

Fax 928.771.5929
 TDD 928.777.1100
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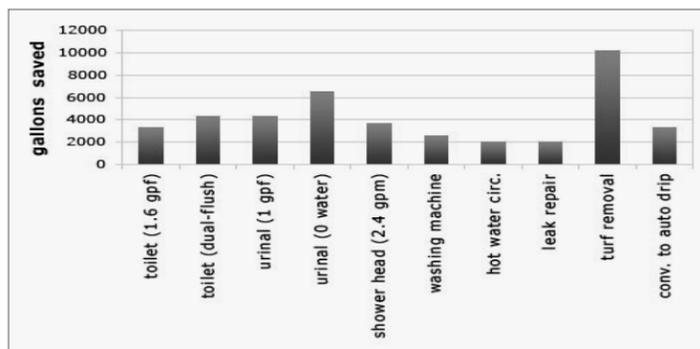
Conservation on the web
www.prescott-az.gov

WATER SAVING POSSIBILITIES

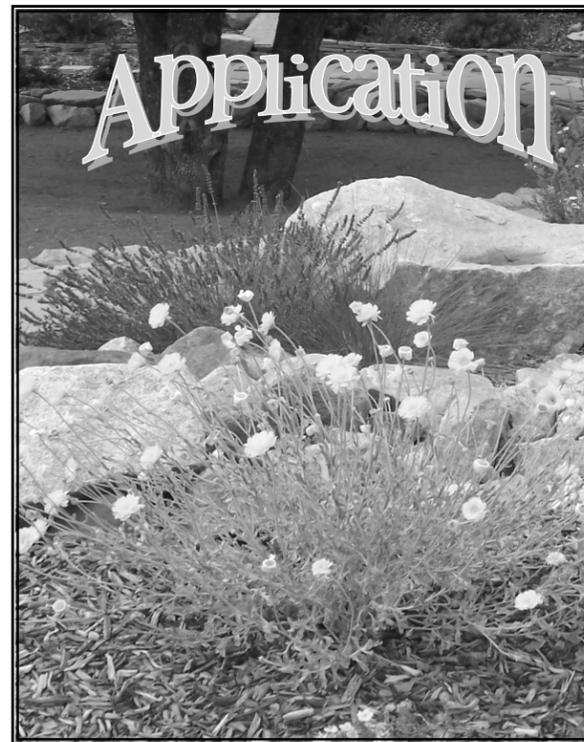
A two-bathroom household retrofit with all of the proposed incentives (water efficient toilet, shower head, leak investigation and repairs, turf removal, improved irrigation management, and utilizing harvested rainwater) may save approximately 30,500 gallons of water per year.

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

HOUSEHOLD ANNUAL SAVINGS — WATER SMART GRAPH



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



**WATER CONSERVATION
 INCENTIVE CREDIT PROGRAM**

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 INCENTIVE CREDIT PROGRAM**



ORDINANCE NO. 4691-0934, EFFECTIVE 04/10/09 RECINDS ORDINANCE NO. 4527, 02/28/06

NEW CREDIT AWARDS LIST	
WATER SMART PRODUCT OR SERVICE DESCRIPTION	MAXIMUM CREDIT
LANDSCAPE CONVERSION TO AUTOMATIC DRIP SYSTEMS ¹ - Required Sprinkler/Backflow & Permit	\$150
CERTIFIED IRRIGATION AUDIT ² — manage and maintain an efficient water system	\$100
RAINWATER CATCHMENT ³ - 500 gallon minimum storage /5,000 gallon max	\$0.10 per gallon of storage \$50 min \$500 max
LOW-FLOW TOILETS: 1.6 gallon per flush , HIGH EFFICIENT TOILETS—H.E.T. 1.28 gallons per flush (gpf) or less. Invest and install a DUAL FLUSH TOILET = 0.8 gpf to 1.6 gpf Credit program is valid for circa 1994 toilets or older model replacement toilets only. Do not donate old toilets— please destroy and dispose of units properly. Program credit is limited—2 units per household	Low Flow—\$100 HET or Dual -\$150
COMMERCIAL URINALS: 1 gallon per flush or less or waterless /no flush design or reduced flush type custodial maintenance technology. Replacement units only for units built prior to 1994.	\$ 100 - 1 gpf \$ 125 - 0 gpf
LEAK REPAIRS: Detect & repair all leaks and we will process a one time credit per account	\$ 20 to \$50
TURF/GRASS REMOVAL ON-SITE OR IN AN ADJACENT RIGHT-OF-WAY ⁴ Requires proof of watering a lawn area within the last 12 months. Destroy removed turf and dispose of properly. Administrator will use historic water use records to verify customer estimates. Applicant must include before and after lawn/turf grass photographs. Lawn must have been installed and reasonably watered prior to January 2009. Credit is available for home or business accounts. Area = Width x Length.	Residential \$800 Commercial \$2,000
SHOWERHEAD: not to exceed 2.4 gallons per minute, gpm	\$10
WATER SMART KIT : Invest in conservation for \$10 dollars and install useful water saving products	\$10

1 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 Permit - is required by City Code.

2 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 audit . Consumer will arrange to hire and pay a CLIA trained and 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 and link to certified professionals, City Hall or link to WaterSmart on the web at www.prescott-az.gov or call 928-777-1130.**

3 RAINWATER HARVESTING FOR OUTDOOR LANDSCAPE WATERING USE: Plan and install a rainwater harvesting system for outdoor watering use. Requires a 500 gallon minimum tank or 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>

4 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 \$0.50 per sq. ft and the following minimum turf removal applies:*

Residential minimum turf removal.....100 sq. ft. Non-Residential minimum turf removal..... 500 sq. ft.

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

WATER CONSERVATION INCENTIVE CREDIT PROGRAM

RULES AND APPLICATION - ORDINANCE# 4691-0934 04/10/09

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 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 effective on April 10, 2009. Properties are eligible for a credit if water efficient improvements, systems, service or conversion occur at the site on or after March 30, 2006. New exceptions are Irrigation Audits, H.E.T. and Rainwater Cisterns are eligible if installed or conducted after April 10, 2009.

A legible copy and dated receipt or invoice must support Incentive Credit Application within 90 days of purchase - only legible copies are accepted of an original receipt.

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 may be replaced, removed or retrofitted. Plumbing retrofits apply to homes which are older or were remodeled prior to 1994.

- All City of Prescott- Water Utility Customers
- Building or remodel project constructed prior to 1994.** (plumbing retrofits) limit 2 toilets per customer account.
- Legal owners of record or an assigned agent (renters and commercial lease holders)
- Homes of any age may apply for incentives for lawn removal, irrigation audits, drip irrigation system, Rainwater catchment systems.

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

RENTALS AND LEASED PROPERTY are allowed to participate. Landlords wishing to support water conservation incentive retrofits in rental units shall fill out a separate application. Owner's signed application confirms 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 shall only be applied to the water account associated with the retrofit address. Due to limited program funds, **Incentive credits over \$2,500 will require program Administrative review and pre-authorization.**

PROCEDURES of incentive program require customers to complete and return the application, provide legible copies of dated supporting document as proof of purchase and/or installation. Proof may include receipts, contract agreements and if required, a building permit.

APPROVED APPLICANTS SHALL AGREE TO SITE VERIFICATION AND PROGRAM OVERSIGHT. In an effort to audit the Water Incentive Program's effectiveness, approved applicants shall allow the city agent to verify the installation of the water saving incentive awarded. Site visits may occur and applicants shall be randomly selected for an appointment. *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.

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 their account within three (3) utility billing cycles or about 90 days from 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 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 and mail to program address.

Copy all required receipts and secure to application. Return only completed applications and required attachments to City of Prescott, Water Conservation within 90 days of product purchase or service:

- Application—Customer information, please review your City of Prescott utility bill for water meter# and account information**
- Copy of receipts, invoice, pictures, contract or proof of purchase.**
- Lessee and landlord must return two (2) signed applications authorizing water conservation improvements or retrofits.**

Note: Incomplete application may be returned and credits will not be processed until re-submitted for review and approval. Assistance is available to customers who need additional program support.

ADMINISTRATION OF THIS PROGRAM shall be at the discretion of the Program Manager and Water Conservation Coordinator. Management may designate additional staff or volunteers to assist with procedures. Applications shall receive a time and date stamp upon receipt. **Program coordinator shall approve application in accordance with the intent of the Ordinance No. 4691-0934, date of 04/10/09.**

Approved applications are subject to program rules and product installation verification. Please allow 90 days to process applications.

Thank You for your part in living Prescott Water Smart!



WATER CONSERVATION PROGRAM

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water.smart@prescott-az.gov

Because we all play a part in living ..



WATER CONSERVATION INCENTIVE CREDIT APPLICATION

Water Smart™



Public Work - Water Conservation
928.777.1130

Mail complete application and receipts to:	Water Smart P.O. Box 2059 Prescott, AZ 86302	WCIP 0 - ____ # ____
		E-mail: water.smart@prescott-az.gov
		 http://www.prescott-az.gov/services/water/conservation.php

Please print legibly – circle or X mark areas that apply. Applicant must be a Prescott Utility Customer and follow program rules for a credit.

Customer Required - Water Account Information				Administration Review		
Renters are eligible and may fill out an application. Include a signed statement from landlord allowing permission to install water saving features at the utility account address. Credit shall be authorized only to the utility accounts where the water saving features are installed.				Received By	Date	Time
Commercial Customer	Residential Customer	Utility Account #	- -	Utility Review	Current	Delinquent
How many persons live in the home?		Meter #		# of incentives		Sq. Ft.
Estimate the year your home was built.		Are you full time residents?	Yes / No	If No, days in a year you live here?		Approved By:
Rent	Own	Please send a water use history?	Yes	No	Approved Date:	
Customer Name:				Credit Amount \$		
Installation address:				Staff Comments:		
City	State	Zip				
Telephone:		e-mail address:				

WATER CONSERVATION INCENTIVE PROGRAM CREDIT- Ord. #4691-0934, effective date 04/10/09
Install product, destroy old toilets and grass, conduct service, attach legible copies of dated receipts, contracts and photographs.

Quantity	Description	Credit	Quantity	Description	Credit
IRRIGATION CONVERSION			CERTIFIED IRRIGATION AUDIT		
Lin.ft. drip line	Control Timer Mfg and Model#	Sprinkler Permit #	Step 1. Request a Utility History 928.777.1130		Phone request
TURF GRASS REMOVAL			http://www.prescott-az.gov/services/water/audit.php		
Lawn Variety		Width: X	Length:		Web request
Total area of turf grass removed		x \$0.50 per sq.ft. = \$	Step 2. Select and Schedule a Certified Irrigation Audit		
Please attach receipt and before and after pictures of lawn area removed and installed low water use landscape.			Find or request a List of eligible Certified Auditors on www.prescott-az.gov		
LEAK REPAIRS \$50 max. credit \$20 a leak			Step 3. Provide utility history to auditor, conduct audit, repair deficiencies, copy forms and invoice, apply for utility credit.		
Indoor leak			RAINWATER CATCHMENT - Minimum of 500 gallon system		
Outdoor leak			Active	Bio Retention	\$0.10 per gallon credit for catch capacity. Program will allow a \$50 minimum - \$500 maximum credit
repaired what?			LOW FLOW TOILET 1.6 gpf		
repaired what?			HIGH EFFICIENCY H.E.T. 1.28 gpf		
Customer Comment Area:			DUAL FLUSH - 0.8 gpf / 1.6 gpf or less		
Please answer: How did you properly dispose of the old toilet fixtures or removed turf/lawn grass?			URINALS - Low flow - 1.0 gpf / less		
repaired what?			URINALS WATERLESS or Bio Technology		
repaired what?			LOW FLOW SHOWER or WATER SMART KIT		

*1. I have read and understand the program rules. I have purchased and installed water saving fixtures for this utility account water delivery address as indicated on the application. I attached copies of required documents including dated proof of purchase receipts. *2. The low water use toilet and/or showerheads have replaced old fixtures which were high water flow fixtures in this structure built prior to 1994. Old fixtures or turf lawn removed has been properly disposed of as indicated in customer comments. I declare that high water use fixtures or lawn have not been re-installed on any other property or city utility account. **DESTROY OLD TOILETS, SHOWER HEADS and TURF. DO NOT DONATE TO NOT FOR PROFITS OR RESALE SHOPS.** *3. I agree to the conditions of the water conservation incentive program and understand that the City is not responsible for selection, installation or performance of any water saving device. *4. I grant the City of Prescott conservation program assignee the right to verify the installation of approved water saving devices and if requested will allow inspection at this account to confirm installation.

Signature of the owner or authorized agent (lease holder include permission from owner of record)

Date: