

# This presentation premiered at WaterSmart Innovations

[watersmartinnovations.com](http://watersmartinnovations.com)





Steve Lehtonen  
GreenPlumbers Managing Director

WaterSmart Innovations '09

# Agenda

- Recent Partnerships with Industry Associations
- Training Progress
- Global Update
- Social Media Marketing
- Tools for Consumers
- Comparing Options for Install/Rebate Programs

## Industry Partnerships



# Training Progress



- Workshops - 141

- Accreditations - 3536

## GreenPlumbers Global Update





# Social Media Marketing

# Twitter.com/GreenPlumbers



Home Profile Find People Settings Help Sign out



## GreenPlumbers

The EPA blogs about [#green](#) [#plumbing](#) in this article "Green Plumbers Combat Climate Change" - <http://bit.ly/ba7rY>

about 22 hours ago from web

LA citizens can get free water barrels installed in their homes/businesses, via the new water-conservation program. More: <http://url.ie/23r3>

2:13 PM Jul 22nd from web

Be [#green](#), setting your air conditioner 5° higher will save 20% on cooling costs. More water & energy [#plumbing](#) tips: <http://url.ie/23qo>

12:38 PM Jul 22nd from web

Reading an interesting blog post by Joey Schwab of Bob Rizi Plumbing: <http://brpgreenplumber.word...>

11:09 AM Jul 21st from web

A CNN report on how homeowners in a down market are looking to green remodeling as a cost effective way to add value: <http://url.ie/23b3>

10:29 PM Jul 20th from web

Who said it is never sunny in Pittsburgh? The city will install first

**Name** GreenPlumbers USA  
**Location** Sacramento, CA  
**Web** <http://www.greenp...>  
**Bio** GreenPlumbers® is an innovative, national training and accreditation program that assists plumbers in understanding their role in the environment.

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CARING FOR OUR WATER



SOLAR HOT WATER



CLIMATE CARE



WATER EFFICIENT TECHNOLOGY



INSPECTION REPORT SERVICES



Creating Sustainable Communities

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GreenPlumbers® is an innovative, national training and accreditation program that assists plumbers in understanding their role in the environment and public health.

### Information

Founded: 2000

### Insights

See All

1.4 ★★★★☆ Post Quality

2 Interactions This Week

Most Active Countries

## GreenPlumbers

Wall Info Photos Discussions Events +

What's on your mind?

Attach 

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GreenPlumbers Just Fans

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**GreenPlumbers** The EPA blogs about GreenPlumbers and their impact on the environment: Green Plumbers Combat Climate Change - <http://blog.epa.gov/blog/2009/07/23/green-plumbers/>

### Greenversations Green Plumbers Combat Climate Change

Source: [blog.epa.gov](http://blog.epa.gov)

Back in the day, when I thought about green plumbers, the famed video game character, an Italian plumber named Luigi, came to mind. But while his hat and suspenders may have been green in color, he fought ...

Yesterday at 1:04pm · Comment · Like · Share



**GreenPlumbers** Los Angeles citizens can get free water barrels installed in their homes or businesses, thanks to the city's new water-conservation program. Read the article: <http://www.mnn.com/lifestyle/ecollywood/blogs/la-gives-out-free-rain-barrels>



### L.A. gives out free rain barrels | MNN - Mother Nature Network

Source: [www.mnn.com](http://www.mnn.com)

Create an Ad

### Rich Dad Sacramento



Rich Dad's® Education is coming to Sacramento. Free financial workshop: July 29th. Uncover the financial secrets of Rich Dad's.



### TUXES



Tuxes, an acclaimed modern satire by author Scott Fivelson, is now available for limited pre-launch release.



### King of Fighters XII



Voted Best Fighting Game by

## Website Statistics

	5/5/08 - 5/15/09	Monthly Avg.
hits	5,562,834	463,569
unique visitors	211,164	17,597
page views	2,214,612	184,551
avg. page views per visit	10.48	-
user accounts	1,092	91



We hold the top position in Google for the search term:

**"green plumbing"**

top search engine referring keywords

- green plumbing
- green plumbers
- water conservation
- green plumbing training
- water rebates

## E-mail Newsletter Statistics

• subscribers	68,893
• avg. open rate	19.7%
• avg. link click rate	8.4%

## GreenPlumbers Water and Energy Saving Tips Widgets



**Small Drips Sink Fiscal Ships**  
A showerhead leaking 10 drips per minute wastes enough water a year to run the dishwasher 60 times.  
[More](#)



WIDGET

# GreenPlumbers Water and Energy Saving Tips Widgets



Customer Service Representatives at your service 1-877-728-2282

**SAVE WATER SAVE A BUCK**  
COMMERCIAL • INDUSTRIAL • INSTITUTIONAL • MULTI-FAMILY WATER EFFICIENCY REBATE PROGRAM

HOME COMMERCIAL LANDSCAPE MULTIFAMILY WATER AGENCIES REBATES

WATER SAVED BY OUR CUSTOMERS: 4,480,212,293 GALLONS

REBATE RESERVATION REQUIRED

Landscaping Equipment

**Did You Know?**

**Green Your Shower**  
Use a new water-efficient shower head. They're inexpensive, easy to install, and can save you up to 750 gallons a month or \$10/year. [More](#)

Installing High-Efficiency Pre-Rinse Spray Heads in your restaurant can save 3.4 gallons per minute when replacing non-efficient sprayer models.

**MET Southern CA Water District:  
5,650 visitors in May**



Welcome to **Tahoe City Public Utility District**

Home General Information Water & Sewer Parks & Recreation Rideout Community Center Finance Contact Us

**Helpful Tips**

Your bill has a different look this month. [Follow this link and one below to learn more.](#)

**Information you can use**

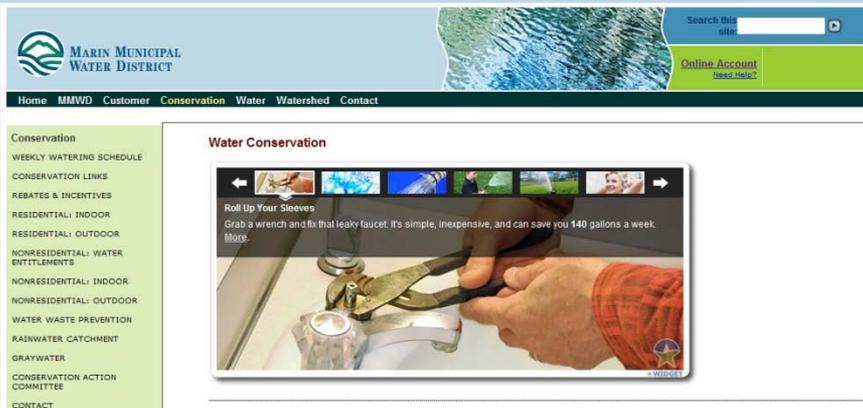
**Did you know?**  
Lake Tahoe is at an elevation of 6,225 feet. The dam at Tahoe City can increase that by about six feet.

**Shower Smartly**  
Turn off the water while you wash your hair, and you could save up to 200 gallons a month. [More](#)

**About Tahoe City Public Utility District**

**What We Are**  
The Tahoe City Public Utility District was founded in governmental needs of the residents of Tahoe City government in the Tahoe Basin and was formed in service to the local community. Established under #

**Tahoe City Public Utility District:  
1,677 visitors in May**



**MARIN MUNICIPAL WATER DISTRICT**

Home MMWD Customer Conservation Water Watershed Contact

**Conservation**

WEEKLY WATERING SCHEDULE  
CONSERVATION LINKS  
REBATES & INCENTIVES  
RESIDENTIAL: INDOOR  
RESIDENTIAL: OUTDOOR  
NONRESIDENTIAL: WATER ENTITLEMENTS  
NONRESIDENTIAL: INDOOR  
NONRESIDENTIAL: OUTDOOR  
WATER WASTE PREVENTION  
RAINWATER CATCHMENT  
GRAYWATER  
CONSERVATION ACTION COMMITTEE  
CONTACT

**Water Conservation**

**Roll Up Your Sleeves**  
Grab a wrench and fix that leaky faucet. It's simple, inexpensive, and can save you 140 gallons a week. [More](#)

**Marin Municipal Water District:  
1,026 visitors in May**



# Tools for Consumers



# GreenPlumbers

CREATING SUSTAINABLE COMMUNITIES

USA®

## Consumers

Save Money  
Reduce Your Footprint

- [Find a GreenPlumber »](#)
- [Request a Water Audit »](#)
- [Water & Energy Rebates »](#)
- [Product Directory »](#)
- [Contact Us »](#)



 <b>Consumers</b> Reduce Your Footprint	 <b>Plumbers &amp; Builders</b> Become a GreenPlumber	 <b>Affiliates</b> Become a Partner
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## Latest News

- [EPA Blogs About GreenPlumbers »](#)
- [UA & GreenPlumbers Join Forces »](#)
- [Training Agreement with IAPMO »](#)
- ['Bringing Sexy Back' to Plumbing »](#)

## Featured Event

**Las Vegas WaterSmart '09**  
Convention Special  
October 5<sup>th</sup>-9<sup>th</sup>

Register for all 5 workshops for only \$250!

## Founding Partners



## Conservation Partners



## Consumers

- [Find a GreenPlumber](#)
- [Request a Water Audit](#)
- [Rebates in your Areal](#)
- [Product Directory](#)
- [Featured Licensed GreenPlumber](#)
- [Water and Energy Saving Tips](#)
- [Water Conservation & Energy Links](#)
- [Home](#)

## FIND A LICENSED GREENPLUMBER



Location:

Enter Your Street Address, City, State OR Your ZIP Code (e.g., Sacramento, CA)



### Licensed GreenPlumber

Call us toll-free at 888-929-6207  
to be connected  
to a Licensed GreenPlumber

[Print selected](#)

### Consumers

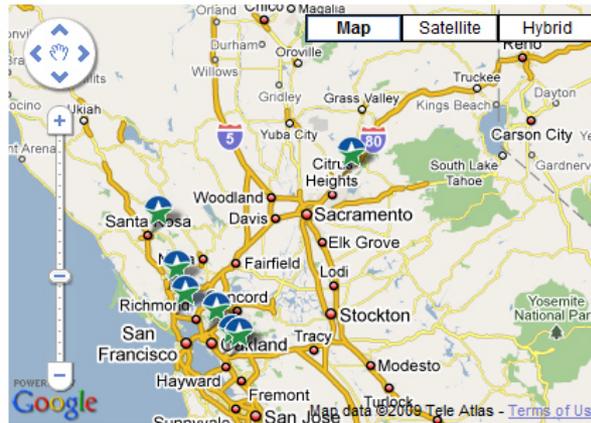
- [Find a GreenPlumber](#)
- [Request a Water Audit](#)
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- [Home](#)

## FIND A LICENSED GREENPLUMBER



Location:

Enter Your Street Address, City, State OR Your ZIP Code (e.g., Sacramento, CA)



### 7 Licensed GreenPlumbers

**Legacy Plumbing**

Distance: 21 miles  
 Address: 4335 Pacific St  
 Rocklin, CA 95677  
 Phone: (916) 630-1170

[View My Profile](#)

**Albert Nahman Plumbing a Heating**

Distance: 66 miles  
 Address: 3333 Martin Luther K  
 Jr. Way  
 Berkeley, CA 94703

## Consumers

- [Find a GreenPlumber](#)
- [Request a Water Audit](#)
- [Rebates in your Area!](#)
- [Product Directory](#)
- [Featured Licensed GreenPlumber](#)
- [Water and Energy Saving Tips](#)
- [Water Conservation & Energy Links](#)
- [Home](#)

## Request a Water Audit

**See what a difference a water audit can make in your conservation goals...and utility bills!**

*GreenPlumbers'* 50-point environmental inspection report will help you work out in detail how much water your residence is using, and how much you can save. Many of your water-saving options will also be eligible for government rebates that your on-site Licensed *GreenPlumber* can help you receive. Licensed *GreenPlumbers* have been specially trained in water-efficient technology, climate and water care, and solar hot water. Each inspection report is custom-tailored to your residence's needs and challenges.



To request a Licensed *GreenPlumber* contact you to perform an on-site 50-point water audit, please fill out the form below.

**Name: \***

**Address Line 1: \***

**Address Line 2:**

**City: \***

**State: \***

**Zip Code: \***

**E-mail:**

# Online Training - [www.GreenPlumbersTraining.com](http://www.GreenPlumbersTraining.com)



**GreenPlumbers®**  
CREATING SUSTAINABLE COMMUNITIES

HOME REGISTER PROGRAM OVERVIEW OUR HISTORY HELP CONTACT

**Introduction to the Future of Plumbing**

**The GreenPlumbers Experience**  
GreenPlumbers® is an innovative, national training and accreditation program that assists plumbers in understanding their role in the environment and public health. The organization's goal is to train and deploy a green army of thousands of plumbers to promote the benefits of water conservation and the reduction of GHG emissions. The focus is on changing consumer and plumbing behavior through the use of energy efficiency and water saving technologies. As a grassroots effort, the plan is a voluntary one that can be implemented quickly without legislation or regulation.

**Course Listing**

- Course 1: Solar Hot Water (Register Now)
- Course 2: Caring for Our Water (Coming March '09)
- Course 3: Climate Care (Coming Soon)
- Course 4: Water Efficient Technology (Coming Soon)
- Course 5: Inspection Report Services (Coming Soon)

**News**

**03.21.09**  
We are preparing to release our second online course, *Caring for Our Water* and are currently looking for beta testers. If you are interested, send an e-mail to: [help@greenplumberstraining.com](mailto:help@greenplumberstraining.com)

**02.11.09**  
*Solar Hot Water* first online training course released to the general public.

**01.01.09**  
GreenPlumbers is poised to release all five core GreenPlumbers courses online in 2009.

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Password:   
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**Quick Links**

Chat with us LIVE  
Live Support  
ONLINE

GreenPlumbers Licensing  
View the benefits

**Founding Partners**

American Standard  
Style That Works Better

FAFCO  
THE WATER EXPERT

GRUNDFOS

AC Smith

MASCO

# Commercial Water Audit Book



## step 3: outdoor water consumption

please average out water use for the whole year

The figures below are based on 1,600 ft<sup>2</sup> of outdoor irrigated areas (40 ft x 40 ft area). Use multiplier to adjust for differences.  
To be completed by business / school

Appliance / Activity	Number of times per MONTH - Please circle amount					Comments and recommendations
	1	4	7	15	30	
<b>L</b> Watering garden & lawns by hose connected portable sprinkler						5 gallons per minute
10 minutes watering	600	2,400	4,200	9,000	18,000	
30 minutes watering	1,800	7,200	12,600	27,000	54,000	
1 hour / 60 minutes	3,600	14,400	25,200	54,000	108,000	
2 hour / 120 minutes	7,200	28,800	50,400	108,000	216,000	
<b>M</b> Watering garden & lawns by fixed sprinkler system						10 gallons per minute
10 minutes watering	950	3,700	7,925	11,890	23,780	
30 minutes watering	2,855	11,100	23,780	35,665	71,335	
1 hour / 60 minutes	5,705	22,195	47,555	71,335	142,670	
2 hour / 120 minutes	11,415	44,385	95,110	142,670	285,335	
<b>N</b> Watering garden & lawns by drip systems						1 gallon per minute
2 hour	1,440	5,760	10,080	21,600	43,200	
3 hour	2,160	8,640	15,120	32,400	64,800	
4 hour	2,880	11,520	20,160	43,200	86,400	
<b>O</b> Swimming pools & garden pools	Number of times per YEAR					Examples: Small Pool 700 cu ft <sup>3</sup> (15' x 4' x 4' deep) Med Pool 1,800 cu ft <sup>3</sup> (15' x 20' x 6' deep) Lrg pool 4,000 cu ft <sup>3</sup> (20' x 25' x 8' deep)
	1	2	3	5	10	
Fill small pool	5,235	10,475	15,710	-	-	
Fill medium pool	13,465	26,930	40,395	-	-	
Fill large pool	29,925	59,850	89,765	-	-	
Topping up swimming pools	700	1,400	2,100	3,500	7,000	
<b>P</b> Running hose bibbs (washing paths/driveways)	Average number of minutes per person per WEEK					Note: an average is 3 minute per day per person with a flow rate of 3 gpm.
	1	2	5	10	20	
1 person	150	300	750	1,500	3,000	
2	300	600	1,500	3,000	6,000	
<b>Total water volume</b> Add up the answers you circled from L-P for your total outdoor water use.	$L + M + N + O + P =$ _____ gallons per year These figures will only be a guide as water pressure and the size of the garden will greatly determine how much water is used.					

### water saving tip

**Sports Fields:** Subsurface irrigation is a great way to save water, by reducing the rate of evaporation of water and opportunity for vandalism.

**Gardens:** A garden irrigation system can use in excess of 250 gallons per hour when watering - moisture sensors are a good way of confirming that the garden needs to be watered. Rain Sensors are an inexpensive way to let nature work for you.

# Commercial Water Audit Book

GreenPlumbers<sup>®</sup>

## 50 point schools & commercial building environmental plumbing report

This inspection audit has been developed to assist plumbers and building managers to identify existing services, appliances and infrastructure that consume water.

### how to use the schools & commercial building environmental plumbing report

To calculate water use, simply circle the number of times that the business believes they do each activity.

At the end of each table add up all the circled answers for the total.

- Remember there are a number of sections to complete including kitchen, laundry, bathroom, toilet and outdoor consumption.
- Please note the values in each table have been calculated for **250 working days. 50 weeks** (1 year) water use. Modify as required.

### step 1 - general information

---

Identify the core business activities of the building(s) use and estimated number of people on site per day.

Undertake a water pressure test and flow rate test at the water meter(s) or nearest outlet.

Obtain with consent of the owner the current overall annual water costs and usage (your local water retailer may have these figures for your use)  
These calculations will need to be recorded and used in later tables.

---

### step 2 - existing water usage

With your experience estimate the water and energy consumption as a percentage % for the major appliances / services on site.

Add any other large water / energy uses that are on site.

Sketch the site and building included in this inspection report and label appropriately, which will assist in identifying possible improvements under the recommendations section.



**GreenPlumbers**  
CREATING SUSTAINABLE COMMUNITIES U.S.A.®



**MARIN MUNICIPAL  
WATER DISTRICT**

## The GreenPlumber who will be installing your new water-efficient toilets can also perform a water audit to help you save even more water and money.



GreenPlumbers' 50-point environmental inspection report will help you work out in detail how much water your building is using, and how much you can save. Many of your water-saving options will also be eligible for MMWD and government rebates that your GreenPlumber can help you receive. GreenPlumbers are specially trained in water-efficient technology, climate and water care, and solar hot water. Each inspection report is custom-tailored to meet your commercial building's needs and challenges.

See what a difference  
a water audit can  
make in your  
conservation goals ...  
and your water bills!

To schedule an appointment  
for a 50-point inspection,  
or for more information, call

**(866) 927-0679**

Outside	Current Use	New Use	Outside	Savings	% Saved
A	1040	1040	A	0	
B	0	0	B	0	
C	0	0	C	0	
D	48920	47424	D	2496	5.00%
E	18720	17784	E	936	5.00%
F	7335	6495	F	840	11.45%
G	0	0	G	0	
H	0	0	H	0	
I	1050	0	I	1050	100.00%
Sub-Total	78065		Sub-Total	5322	6.82%
<b>Kitchen</b>					
J	770	770	J	0	
K	3710	3710	K	0	
L	15330	7665	L	7665	50.00%
Sub-Total	19810		Sub-Total	7665	38.69%
<b>Laundry</b>					
M	12740	4549	M	8191	64.29%
N	260	260	N	0	
Sub-Total	13000		Sub-Total	8191	63.01%
<b>Bath &amp; Toilet</b>					
O	5460	5460	O	0	
P	2340	2340	P	0	
Q	52000	16640	Q	35360	68.00%
R	38660	11200	R	19460	53.47%
S	2920	2920	S	0	
Sub-Total	93380		Sub-Total	54820	58.71%
<b>Grand Total</b>	<b>204255</b>		<b>Total Savings</b>	<b>75998</b>	<b>37.21%</b>

H2O Units	CCF	273.05	H2O Units	CCF	101.59	37.21%
Water Rate			Water Rate			
Tier 1			Tier 3	0		
Tier 2	2.87	783.65	Tier 2	0		
Tier 3			Tier 1	2.87	291.58	37.21%
Sewer Rate	7.22	1971.42	Sewer Rate	7.22	733.51	37.21%
Incoming H2O Temp	50		H2O P Rise	60		
Heater Efficiency	0.58		Heater Efficiency	0.58		
<b>Energy Cost</b>	Select One		<b>Energy Savings</b>			
Nat. Gas/Therm	0.90567	456.09	Nat. Gas/Therm	0.00	308.30	67.60%
LPG/Gal	0	0.00	LPG/Gal	0.00	0.00	0.00%
Electricity/Kwh	0	0.00	Electricity/Kwh	0.00	0.00	0.00%

Current Cost **3211.15** Total Savings **1333.38** 41.52%



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USA®



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WATER DISTRICT**

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area 3: outdoor water consumption

PLEASE ADVISE THE PLUMBER OF ANY SPECIAL USES FOR THIS REPORT (e.g., irrigation, etc.)

For typical water consumption - 1500 HP or higher (e.g., schools, etc.)

See instructions on page 2 of report

4. Existing garden & lawn water consumption	Number of fixtures (2012) - Please check					Department and recommendations
	1	2	3	4	5	
4.1 Existing garden & lawn water consumption	196	100	2000	8210	11200	
4.2 Existing garden & lawn water consumption	4228	2000	12000	10000	8000	
4.3 Total (4.1 + 4.2)	4424	3000	14000	18210	19200	
4.4 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.5 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.6 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.7 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.8 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.9 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.10 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.11 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.12 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.13 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.14 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.15 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.16 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.17 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.18 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.19 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.20 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.21 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.22 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.23 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.24 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.25 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.26 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.27 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.28 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.29 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.30 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.31 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.32 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.33 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.34 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.35 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.36 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.37 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.38 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.39 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.40 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.41 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.42 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.43 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.44 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.45 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.46 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.47 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.48 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.49 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	
4.50 Total (4.1 + 4.2)	1000	1000	10000	40000	10000	

GreenPlumbers' 50-point environmental inspection report will help you work out in detail how much water your building is using, and how much you can save. Many of your water-saving options will also be eligible for MMWD and government rebates that your GreenPlumber can help you receive. GreenPlumbers are specially trained in water-efficient technology, climate and water care, and solar hot water. Each inspection report is custom-tailored to meet your commercial building's needs and challenges.

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Outside	Current Use	New Use	Outside	Savings	% Saved
A	1040	1040	A	0	
B	0	0	B	0	
C	0	0	C	0	
D	49920	47424	D	2496	5.00%
E	18720	17784	E	936	5.00%
F	7335	6495	F	840	11.45%
G	0	0	G	0	
H	0	0	H	0	
I	1050	0	I	1050	100.00%
Sub-Total	78065		Sub-Total	5322	6.82%
<b>Kitchen</b>			<b>Kitchen</b>		
J	770	770	J	0	
K	3710	3710	K	0	
L	15330	7665	L	7665	50.00%
Sub-Total	19810		Sub-Total	7665	38.69%
<b>Laundry</b>			<b>Laundry</b>		
M	12740	4549	M	8191	64.29%
N	260	260	N	0	
Sub-Total	13000		Sub-Total	8191	63.01%
<b>Bath &amp; Toilet</b>			<b>Bath &amp; Toilet</b>		
O	5460	5460	O	0	
P	2340	2340	P	0	
Q	52000	16640	Q	35360	68.00%
R	30660	11200	R	19460	63.47%
S	2920	2920	S	0	
Sub-Total	93380		Sub-Total	54820	58.71%
<b>Grand Total</b>	<b>204255</b>		<b>Total Savings</b>	<b>75998</b>	<b>37.21%</b>

H2O Units	CCF	273.05	H2O Units	CCF	101.59	37.21%
Water Rate			Water Rate			
Tier 1	2.87	783.65	Tier 3	0		
Tier 2			Tier 2	0		
Tier 3			Tier 1	2.87	291.58	37.21%
Sewer Rate	7.22	1971.42	Sewer Rate	7.22	733.51	37.21%
Incoming H2O Temp	50		H2O F Rise	60		
Heater Efficiency	0.58		Heater Efficiency	0.58		
<b>Energy Cost</b>	<b>Select One</b>		<b>Energy Savings</b>			
Nat. Gas/Therm	0.90567	456.09	Nat. Gas/Therm	0.00	308.30	67.60%
LPG/Gal	0	0.00	LPG/Gal	0.00	0.00	
Electricity/KwH	0	0.00	Electricity/KwH	0.00	0.00	

Current Cost  Total Savings  41.52%



# Comparing Conservation Programs

# Comparing Conservation Programs

- Three Basic Options
  - Giveaway/Rebate Programs
  - Sole Contractor Install
  - Community-Based
- Differences:
  - Cost
  - Customer Satisfaction
  - Resulting Changes in Consumer Behavior
  - Stimulation of Community and Local Economy

## Example 1 - Giveaway/Rebate Program

Statistics to be added

## Example 2 - Sole Contractor

Statistics to be added

## Cost-Benefit Analysis

Statistics to be added



Conclusion