

A How-to Guide for submitting a

WATER CONSERVATION ANNUAL REPORT FOR WATER SUPPLIERS

ANNUAL REPORT FOR WATER SUPPLIERS

- Water suppliers use the [Annual Report for water suppliers](#).
- Fill in the blanks as completely and objectively as possible.

Utility information

Residential GPCD = ((single family + multi-family) ÷ population served) ÷ 365.
Total GPCD and water loss numbers are auto-calculated.

Report specific and quantified 5- and 10-year targets

Report these numbers in gallons. The water reused box will be auto-calculated from numbers entered in question 14 on page 6.


TWDB-Water Conservation Annual Report
WRD-265 (01-04-2011)

UTILITY DATA

Name of Utility: Just Another Utilities

Public Water Supply Identification Number (PWS ID), WR No.: 046xxxx

Address: P.O. Box 3102 City: New City

State: TX Zip Code: 78xxx Email: asw@newcity.com

Telephone Number: 888.456.7894 Fax: 888.456.9865

Regional Water Planning Group: L [Map](#)

Form Completed By: S.R. W. Date: 06/10/2011

Title: Business Development Manager

Reporting Period (fiscal or calendar year): 01/01/2010 to 12/31/2010

Total Gallons of Water Produced Treated or Raw (minus Wholesale)	Population of Service Area	Total Gallons per Capita per Day (GPCD)*	Residential GPCD**	Total Number of Connections	Water Loss in	
					GPCD***	Percent****
3,699,983,600	61,593	165	95	23,752	21	13

* Total GPCD: form calculation is made by dividing the total water produced by the population served and then dividing by 365

** Residential GPCD: user calculation is made by dividing the total single family plus multi-family residential water sales by the population served and then dividing by 365

*** Water Loss GPCD: form calculation is made by dividing the amount you provide in number 7G on page 4 by the population served and then dividing by 365

**** Water Loss Percentage: form calculation is made by dividing the amount you provide in number 7G on page 4 by the total gallons of water produced

Please provide the **specific and quantified five and ten-year targets** as listed in your water conservation plan:

	Total GPCD Target	Water Loss Target in GPCD	Year to Achieve Target
Five-year target	160	20	2015
Ten-year target	155	19	2020

LONG TERM WATER CONSERVATION PROGRAM

1. Approximately how much water in gallons did the utility save during the reporting period due to the overall conservation program?

Water Saved	Water Reused*	Total Water Saved	Dollar Value of Water Saved**
4,204,697	13,569,000	17,773,697	\$53,550

* Form inserts calculated Total from number 14 on page 6

** Based on water savings and the cost of treatment or purchase of your water, and any deferred capital costs due to conservation

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- Filling out these sections not only helps TWDB understand your conservation program, it helps you determine what programs work and what programs may need improvement.

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2. In your opinion, how you would rank the effectiveness of your utility's conservation program?

Effective Somewhat Effective Less than Effective Not Effective Do Not Know

Please provide additional information about any successes or problems you may have experienced in implementing your plan.

Major successes: Introduction of commercial irrigation inspection program resulted in overall average reduction of 19% consumption (pre-gathered data).

3. Education and Information Program

Please check the appropriate boxes regarding any educational and information activities your utility has provided during the reporting period:

	Implemented	Total Number
Brochures Distributed	<input checked="" type="checkbox"/>	820
Messages Provided on Utility Bills	<input checked="" type="checkbox"/>	10
Press Releases	<input checked="" type="checkbox"/>	2
TV Public Service Announcements	<input type="checkbox"/>	
Radio Public Service Announcements	<input type="checkbox"/>	
School Program	<input checked="" type="checkbox"/>	1
Displays and Presentations	<input checked="" type="checkbox"/>	7
Plant Tours	<input type="checkbox"/>	
Other, please describe:	newspaper features	6

4. Water Conservation Retrofit and Plumbing Rebate Programs

Please check the appropriate boxes regarding any plumbing fixture programs your utility has provided during the reporting period:

	Give-away	Rebate	Retrofit
Toilets	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Showerheads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Faucet Aerators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, please describe:		High Efficiency Toilet	

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Explain or attach new rate structure, if applicable →

Report the number of meters that were tested, repaired, and/or replaced. →

Report all numbers in gallons. Production (A) and Total Water Loss (G) numbers are auto-calculated. →

Report the number of leaks repaired. →



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5. Rate Structure

Have your rates or rate structure changed since your last report? Yes No
If yes, please describe the changes, or attach a copy of the new rate structure.

Residential Water First 1,500 gallons is always monthly minimum charge (per 1,000 gal) 1,501 to 15,000 = \$2.55, 15,001 to 25,000 = \$3.19, 25,001 to 50,000 = \$3.99, 50,001 to 75,000 = \$5.98, Over 75,000 Gallons = \$8.97. Non-Residential Water First 1,500 gallons is monthly minimum charge (per 1,000 gal) 1,501 to 4,000 = \$2.04 Over 4,000 gallons = \$2.55

6. Universal Metering and Meter Repair

During the reporting period what was the system-wide number of:

	Total Number	Total Tested	Total Repaired	Total Replaced
Production Meters	0	0	0	0
Meters larger than 1 1/2"	589	150	75	25
Meters 1 1/2" or smaller	22,279	0	0	0

Does your system have automated meter reading? Yes No

7. Water Loss and Leak Detection

Please provide the following data regarding water loss in your utility during the reporting period:

	Total Gallons During the Reporting Period
A. PRODUCTION - Water treated or raw (minus Wholesale)	3,699,983,600
B. Water sold	3,100,042,342
C. Water used for line flushing	103,829,880
D. Water used for fire department use	1,735,500
E. Water used for flushing and storage tank cleaning	14,333,762
F. Water used for any un-metered use (facility use, etc.)	114,500
G. WATER LOSS* = A minus B,C,D,E,F	479,927,616

* WATER LOSS includes un-accounted-for water, water lost from main line breaks and customer service line breaks, and storage over-flow.

How many leaks were repaired in the system or at service connections during the reporting period? 14

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Report on the main causes of water loss.



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Please check the appropriate boxes regarding the main cause of water loss in your utility during the reporting period:

Leaks	<input checked="" type="checkbox"/>
Un-metered utility or city uses	<input type="checkbox"/>
Master meter problems	<input type="checkbox"/>
Customer meter problems	<input checked="" type="checkbox"/>
Record and data problems	<input type="checkbox"/>
Other, please describe:	

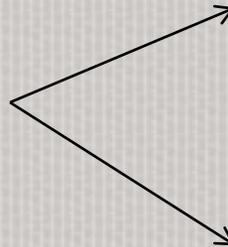
Would you like to receive free technical assistance or equipment from the TWDB regarding leak detection and water loss? Yes No

8. Water Conservation Programs

Please check the appropriate boxes regarding what conservation programs your utility provided during the reporting period:

Landscape Program	<input checked="" type="checkbox"/>
Educational and Information Program	<input checked="" type="checkbox"/>
School Education Program	<input type="checkbox"/>
Rainwater Harvesting	<input checked="" type="checkbox"/>
Leak Detection	<input type="checkbox"/>
Water Loss	<input type="checkbox"/>
Reuse	<input checked="" type="checkbox"/>
Treated Effluent	<input checked="" type="checkbox"/>
Other, please describe:	

Report on your water conservation programs.



9. How often does your utility staff review your water conservation program?
annually

10. What year did your utility adopt, or revise, their water conservation plan? 2009

11. What might your utility do to improve the effectiveness of your water conservation program?

Implement Block Leader Program, and voluntary residential irrigation inspection program.

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Providing text here, will help TWDB determine the needs of utilities throughout the state. →

Report on your types of water reuse or recycling. Total recycling and reuse is auto-calculated. ↘

Report if there was a need to activate your Drought Contingency Plan. ↘

Submit form by email by pressing this button. You can save the document by selecting "Save As" from the File drop down menu or print the form for your records. ↘



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12. What might the TWDB do to assist you in improving the effectiveness of your water conservation program?

Provide statewide PSA's for utilities to use in their conservation programs

13. If known, how much expense has your utility incurred in implementing your water conservation program during the reporting period (*literature, materials, staff time, etc.*)? _____ (dollars/year)

14. Recycling and Reuse of Water or Wastewater Effluent

Please provide the following data regarding what types of water recycling or reuse activities were practiced by your utility during the reporting period, and what volume:

Use	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	1,040,000
Chlorination/de-chlorination	625,000
Industrial	
Landscape irrigation (parks, golf courses)	11,879,500
Agricultural	0
Other, please describe: effluent reuse	24,500
Total	13,569,000

Could treated effluent be substituted for certain potable water now being used? Yes No

15. Drought Contingency and Emergency Water Demand Management

During the reporting period, did your utility activate its Drought Contingency Plan?

Yes Number of Days 20

No

If yes, please check all the appropriate boxes for the reason why:

Reason	
Water Shortage	<input type="checkbox"/>
High Demand	<input type="checkbox"/>
Capacity Issues	<input type="checkbox"/>
Equipment Failure	<input checked="" type="checkbox"/>
Other, please describe:	

Submit by Email

Print

Reset Form

For additional help, contact:

TWDB MUNICIPAL: 512-463-7955
