

**ILLINOIS
DEPARTMENT OF
NATURAL RESOURCES**
Office Of Water Resources

Illinois Department of Natural Resources
Office of Water Resources
One Natural Resources Way
Springfield, Illinois 62702 - 1271

36 S. Wabash Avenue., Room 1415. Chicago, Illinois 60603 - 2921 OFC 312/793-3123 FAX 312/793-5968

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2008 Annual Water Use Audit Form (LMO-2).

This form must be completed by all Category IA and IIB Permittees for each annual water use accounting year running from October 1st through September 30th. This form must be submitted to Department by December 31, 2008

Section I- General Information

Name, address and phone number of Permittee:

ILLINOIS - AMERICAN WATER COMPANY
1000 INTERNATIONALE PARKWAY
WOODRIDGE, IL 60517
630-739-8854

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FEB 03 2009
OFFICE OF WATER RESOURCES
DIVISION OF WATER RESOURCES

County : COOK

Name, address and phone number of the contact person for the Permittee:

STEVE PHILLIPS
ILLINOIS-AMERICAN WATER COMPANY ALPINE HEIGHTS DIVISION
1000 INTERNATIONALE PARKWAY
WOODRIDGE, IL 60517
630-739-8854

Authorized Official: STEVE PHILLIPS.

Title: PRODUCTION SUPERINTENDENT

Date: 11/25/2008

Please provide the following leak survey information and population estimates for the last year.

Results and recommendations of leak surveys conducted on the water distribution system including progress made in leak repair. (attach to back of form)

Population 705 Number of existing households 235
Commercial 0

The Illinois Department of Natural Resources is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Chapter 19, Section 120.2 of the Illinois Revised Statutes. Disclosure of this information is required. Failure to provide any information will result in this form not being processed. This form has been approved by the Forms Management Center, Central Management Services.

D. Unavoidable Leakage and Unaccounted for Flow	
31 Maximum Unavoidable Leakage (Do worksheet in Section III; enter amount from line 10 of the worksheet)	<u>0.003 MGD</u>
32 Percentage of Maximum Unavoidable Leakage to Net Annual Pumpage (divide line 31 by line 14 and multiply by 100)	<u>5.77 %</u>
33 Total Accounted for Flow (add lines 19, 27 and 31)	<u>0.062 MGD</u>
34 Percentage of Total Accounted for Flow to Net Annual Pumpage (divide line 33 by line 14 and multiply by 100)	<u>118.46 %</u>
35 Total Unaccounted for Flow (subtract amount on line 33 from line 14) ...	<u>-0.010 MGD</u>
36 Percentage of Total Unaccounted for Flow to Net Annual Pumpage (divide line 35 by line 14 and multiply by 100)	<u>-18.46 %</u>

Please Check Your Calculations

The sum of lines 33 and 35 should equal line 14. If they do not equal, recheck your calculations.
The sum of lines 34 and 36 should equal approximately 100%. If not, check your calculations.

Section III - Maximum Unavoidable Leakage Worksheet

Complete the following calculations to determine your maximum unavoidable leakage. Enter the appropriate amounts in the spaces provided.

A Cast Iron Pipes With Lead Joints

Age of Pipe	Miles of Pipe	Leakage Rate*	Unavoidable Leakage**
1 60 yrs. or greater	_____	x 3000 g/d/mi =	_____ 0 g/d
2 40-60 yrs.	_____	x 2500 g/d/mi =	_____ 0 g/d
3 20-40 yrs.	_____	x 2000 g/d/mi =	_____ 0 g/d
4 20 yrs. or less	_____	x 1500 g/d/mi =	_____ 0 g/d

B All Other Types of Pipes and Joints

5 60 yrs. or greater	_____	x 2500 g/d/mi =	_____ 0 g/d
6 40-60 yrs.	_____	x 2000 g/d/mi =	_____ 0 g/d
7 20-40 yrs.	_____	x 1500 g/d/mi =	_____ 0 g/d
8 20 yrs. or less	_____	3.1 x 1000 g/d/mi =	_____ 3100 g/d
9 Total Miles	_____	3.1 Total Leakage	_____ 3100 g/d
10 Total Maximum Unavoidable Leakage, in MGD (divide total leakage on line 9 by 1,000,000	_____		_____ 0.0031 MGD
(Enter this amount on line 31 of "Section II - Water Use Audit")			