

**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

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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 VALLEY VIEW  
1000 INTERNATIONALE PARKWAY  
WOODRIDGE, IL 60517  
630-739-8810

**County :** DUPAGE

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

MR. STEVE PHILLIPS  
ILLINOIS-AMERICAN WATER COMPANY  
1000 INTERNATIONALE PARKWAY  
WOODRIDGE, IL 60517  
630-739-8810

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**Authorized Official:** Steve Phillips

**Title:** Production Superintendent

**Date:** 2/8/2008

OFFICE OF WATER RESOURCES  
DEPARTMENT OF NATURAL RESOURCES

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 17,491 Number of existing households 2497

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.



|  |                  |
|--|------------------|
| <b>D. Unavoidable Leakage and Unaccounted for Flow</b>   |                  |
| 31 Maximum Unavoidable Leakage (Do worksheet in Section III; enter amount from line 10 of the worksheet) .....           | <u>0.066 MGD</u> |
| 32 Percentage of Maximum Unavoidable Leakage to Net Annual Pumpage (divide line 31 by line 14 and multiply by 100) ..... | <u>9.61 %</u>    |
| 33 Total Accounted for Flow (add lines 19, 27 and 31) .....  | <u>0.626 MGD</u> |
| 34 Percentage of Total Accounted for Flow to Net Annual Pumpage (divide line 33 by line 14 and multiply by 100) .....    | <u>91.12 %</u>   |
| 35 Total Unaccounted for Flow (subtract amount on line 33 from line 14) ...  | <u>0.061 MGD</u> |
| 36 Percentage of Total Unaccounted for Flow to Net Annual Pumpage (divide line 35 by line 14 and multiply by 100) .....  | <u>8.88 %</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.  | 31.15 | x 2000 g/d/mi   | 62300 g/d          |
| 7 20-40 yrs.  | 2.46  | x 1500 g/d/mi = | 3690 g/d           |
| 8 20 yrs. or less   | 0     | x 1000 g/d/mi = | 0 g/d              |
| 9 Total Miles   | 33.61 | Total Leakage   | 65990 g/d          |
| 10 Total Maximum Unavoidable Leakage, in MGD (divide total leakage on line 9 by 1,000,000 ..... |       |                 | <u>0.06599 MGD</u> |
| (Enter this amount on line 31 of "Section II - Water Use Audit")                                |       |                 |                    |