

ILLINOIS-AMERICAN WATER COMPANY  
WAYCINDEN SERVICE DISTRICT  
Calculation of Variable Purchased Water Price  
December, 2005

**FORMULA FACTORS**

1. Purchases water charge in effect, per 1,000 gallons, effective April 1, 2005:	\$	4.07
2. Unit rate for variable purchased water cost and/or alternate delivery (wheeling) costs, per 1,000 gallons, per Exhibit B:	\$	3.270
3. Metered usage plus non-revenue water usage during the prior base period, in 1,000's of gallons, per Exhibit C (April through December) with a maximum of 14% non-revenue water:		157,219
4. Metered usage during the prior base period, in 1,000's of gallons, per Exhibit C (April through December):		136,617
5. Balance of unrecovered or (overrecovered) Supply Charge costs, per Exhibit D:	\$	87,825

**CALCULATION OF VARIABLE COMPONENT**

In accordance with Ill. Adm. Code 655:

Purchased Variable Water Charge In Effect (\$/gal)	Estimated Purchased Water Cost and/or Alternate Delivery Variable Costs	+ Commission-ordered adjustment component for variable charge	+ Utility-determined adjustment component for variable charge	=	Recomputed Purchased Variable Water Charge (\$/gal)
\$ 4.07	\$ 514,108.13	+ \$ (9,518.23)	+ \$ 67,825.48	=	\$ 4.19
	<hr/> Metered Usage in Mgal During Prior Base Period <hr/> 136,617				

ILLINOIS-AMERICAN WATER COMPANY  
WAYCINDEN SERVICE DISTRICT  
Change in Purchased Water Cost  
December, 2005

<u>Description:</u>	<u>Rate Per</u> <u>100 Cubic Feet</u>
<b>Change in Purchased Water Charge:</b>	
<b><u>Metered Service Rate:</u></b>	
Rate per 1,000 gallons as of December, 2005:	\$ 3.270
Previous Rate per 1,000 gallons:	<u>3.097</u>
<b>Total Change in Purchased Water Cost:</b>	<b>\$ <u>0.173</u></b>

Source: Billing Invoices

**ILLINOIS-AMERICAN WATER COMPANY**  
**WAYCINDEN SERVICE DISTRICT**  
Water Usage  
December, 2005

Description	Metered Usage (1,000 of gallons)	Metered Usage Plus Non-Revenue Water Usage (1,000 of gallons)
For the monthly billing period ending in the month of:		
2005 January	14,282	18,094
2005 February	13,507	14,909
2005 March	12,520	16,722
2005 April	12,731	16,891
2005 May	13,391	16,744
2005 June	96,146	24,502
2005 July	(63,930)	20,530
2005 August	18,494	21,387
2005 September	15,006	18,953
2005 October	16,505	19,603
2005 November	15,141	19,603
2005 December	13,133	18,187
Total for the 12 most recent months:	176,926	226,125
Total April through December:	136,617	176,400
<b>Maximum Non-Revenue Water Per Tariff:</b>		14.00%
<b>Actual Non-Revenue Water for Calendar Year 2005:</b>		21.76%
<b>Actual Non-Revenue Water for April-December, 2005:</b>		22.55%

(1) Increased actual sales for Nov 2005 by 1,409 units to reflect the level experienced in 2004 and 2003  
Source: Billing Reports and Purchased Water Invoices for Waycinden Service Area.

**ILLINOIS-AMERICAN WATER COMPANY**  
**WAYCINDEN SERVICE DISTRICT**  
**Summary of Lake Water Purchases and Cost Recovery**  
**December, 2005**

<b>VARIABLE COSTS</b>	<b>(A)</b> <b>Actual</b> <b>Cost</b> <b>of</b> <b>Lake Water</b> <b>Purchased</b>	<b>(B)</b> <b>Cost</b> <b>Recovery</b> <b>via</b> <b>Lake Water</b> <b>Supply Charge</b>	<b>(A-B)</b> <b>Monthly</b> <b>Unrecovered</b> <b>(Overrecovered)</b> <b>Supply Charge</b> <b>Cost</b>	<b>Cumulative</b> <b>Unrecovered</b> <b>(Overrecovered)</b> <b>Supply Charge</b> <b>Cost</b>
<b>Month</b>				
Balance forwarded from prior year:				\$ <u>45,891</u>
January	\$ 59,167	\$ 54,017	\$ 5,151	\$ 50,842
February	48,752	50,987	(2,235)	48,607
March	54,681	47,270	7,411	56,018
April	55,234	48,827	6,407	62,425
May	54,753	54,507	246	62,670
June	80,122	61,144	18,978	81,648
July	67,133	73,958	(6,825)	74,824
August	69,935	75,413	(5,478)	69,346
September	61,976	72,849	(10,873)	58,473
October	64,102	67,436	(3,334)	55,139
November	64,102	56,076	8,025	63,165
December	<u>59,471</u>	<u>54,811</u>	<u>4,661</u>	<u>67,825</u>
<b>Total:</b>	\$ <u>739,429</u>	\$ <u>717,294</u>	\$ <u>22,134</u>	\$ <u>67,825</u>
Unrecovered (Overrecovered) variable supply charges:				\$ <u>67,825</u>
Utility-determined reconciliation component:				\$ <u>67,825</u>

Metered Usage	175,517	Per Exhibit C less Nov Adjustment
Maximum allowed + UFW	204,090	Metered usage divided by 1 minus the UFW maximum
Metered Usage + UFW	226,125	Per Exhibit C
Metered Usage + UFW > Max	22,035	Actual Metered Usage + UFW less Max allowed per tariff (14%)
Rate / 1,000 gallons	3.2700	Cost of Lake Water divided by Metered Usage + UFW
Cost of Lakewater over UFW	\$ 72,054	Lakewater cost exceeding the Max UFW

Note: Amount to be included in O Factor in 2006 Reconciliation

Source: Bill Data and Purchase Data reports.

REVISED AS OF OCTOBER 1, 2006

**ILLINOIS-AMERICAN WATER COMPANY**  
**WAYCINDEN SERVICE DISTRICT**  
 Purchasing Data Entry Sheet  
 For the Year 2005

Month	From	To	Date of Invoice	Usage/ 1,000 Gallons	Rate Per Thousand Gallons	Amount	Wheeling Fee	Total Amount Due	Total Cumulative Charge	Total Cumulative Avg. Rate/ 1,000 Gallons
January	12/29/04	2/1/05	3/15/05	18,094	\$ 3.270	\$ 59,167.38	\$ 0.00	\$ 59,167.38	\$ 59,167.38	3.270
February	2/1/05	3/1/05	4/12/05	14,909	3.270	48,752.43	0.00	48,752.43	107,919.81	3.270
March	3/1/05	4/1/05	5/18/05	16,722	3.270	54,680.94	0.00	54,680.94	162,600.75	3.270
April	4/1/05	5/2/05	6/15/05	16,891	3.270	55,233.57	0.00	55,233.57	217,834.32	3.270
May	5/2/05	5/31/05	7/14/05	16,744	3.270	54,752.88	0.00	54,752.88	272,587.20	3.270
June	5/31/05	7/5/05	8/15/05	24,502	3.270	80,121.54	0.00	80,121.54	352,708.74	3.270
July	7/5/05	8/1/05	9/14/05	20,530	3.270	67,133.10	0.00	67,133.10	419,841.84	3.270
August	8/1/05	9/1/05	10/15/05	21,387	3.270	69,935.49	0.00	69,935.49	489,777.33	3.270
September	9/1/05	9/30/05	11/14/05	18,953	3.270	61,976.31	0.00	61,976.31	551,753.64	3.270
October	9/30/05	11/1/05	12/15/05	19,603	3.270	64,101.81	0.00	64,101.81	615,855.45	3.270
November	11/1/05	12/1/05	1/13/06	19,603	3.270	64,101.81	0.00	64,101.81	679,957.26	3.270
December	12/1/05	1/1/06	2/13/06	18,187	3.270	59,471.49	0.00	59,471.49	739,428.75	3.270
<b>Totals:</b>				<u>226,125</u>	<u>\$ 3.270</u>	<u>\$ 739,428.75</u>	<u>\$ 0.00</u>	<u>\$ 739,428.75</u>	<u>\$ 739,428.75</u>	<u>3.270</u>

Source: City of Des Plaines water invoices.

**ILLINOIS-AMERICAN WATER COMPANY**  
**WAYCINDEN SERVICE DISTRICT**  
 Monthly Summary of Customer Supply Charge Revenue and Purchased Water Costs  
 For the year 2005

Month - 2005	SUMMARY OF SUPPLY CHARGES COLLECTED					SUMMARY OF PURCHASED WATER				Overall Rate Per 1,000 Gallons	Supply Charge Collected Over (Under) Purchases	Cumulative Supply Charge Collected Over (Under) Purchases
	Number of Meter Connections	Gallons Sold (000's)	Total Water Revenues	Supply Charge Rate Per 1,000 Gallons	Total Supply Charge Revenue Collected	Gallons Purchases (000's)	City of Des Plaines	Wheeling Charges	Grand Total			
January	725	14,282	\$ 56,322.80	\$ 3.782	\$ 54,016.82	18,094	\$ 59,167.38	\$ 0.00	\$ 59,167.38	\$ 3.270	\$ (5,150.56)	\$ (5,150.56)
February	726	13,507	52,857.77	3.775	50,987.42	14,909	48,762.43	0.00	48,762.43	3.270	2,234.99	(2,916.57)
March	723	12,520	49,354.52	3.778	47,269.86	16,722	54,680.94	0.00	54,680.94	3.270	(7,411.08)	(10,326.65)
April	720	12,731	51,141.95	3.835	48,826.50	16,891	55,233.57	0.00	55,233.57	3.270	(6,407.07)	(16,733.72)
May	728	13,391	53,632.89	4.070	54,507.20	16,744	54,752.88	0.00	54,752.88	3.270	(245.68)	(16,979.40)
June	725	98,146	272,891.18	0.636	61,143.61	24,502	80,121.54	0.00	80,121.54	3.270	(18,977.93)	(36,957.33)
July	724	(63,930)	(168,499.99)	(1.157)	73,967.92	20,530	67,133.10	0.00	67,133.10	3.270	6,824.82	(29,132.51)
August	728	18,494	68,829.95	4.078	75,413.03	21,387	69,935.49	0.00	69,935.49	3.270	5,477.54	(23,664.97)
September	729	15,006	55,148.68	4.855	72,848.93	18,953	61,976.31	0.00	61,976.31	3.270	10,872.62	(12,782.35)
October	728	16,505	60,079.68	4.086	67,435.83	19,803	64,101.81	0.00	64,101.81	3.270	3,334.02	(9,448.33)
November	729	13,732	52,779.46	4.084	58,076.46	19,803	64,101.81	0.00	64,101.81	3.270	(8,026.35)	(17,473.68)
December	726	13,133	51,216.34	4.174	54,810.69	18,187	59,471.49	0.00	59,471.49	3.270	(4,660.80)	(22,134.48)
<b>Total:</b>	<b>8,709</b>	<b>175,517</b>	<b>\$ 663,755.21</b>	<b>\$ 4.087</b>	<b>\$ 717,294.27</b>	<b>226,125</b>	<b>\$ 739,428.75</b>	<b>\$ 0.00</b>	<b>\$ 739,428.75</b>	<b>\$ 39.240</b>	<b>\$ (22,134.48)</b>	<b>\$ (22,134.48)</b>

Source: Bill Data and Purchase Data Reports