

ILLINOIS-AMERICAN WATER COMPANY
WAYCINDEN SERVICE DISTRICT
Calculation of Variable Purchased Water Price
April 2009

FORMULA FACTORS

1. Purchased water charge in effect, per 1,000 gallons, effective January 1, 2009:	\$	4.37
2. Unit rate for variable purchased water cost and/or alternate delivery (wheeling) costs, per 1,000 gallons, per Exhibit B:	\$	3.700
Estimated metered usage plus non-revenue water usage during the base period, in 1,000's of gallons, per Exhibit C1 (April through December) with a maximum of 14% unaccounted-for water:		154,589
4. Estimated metered usage during the base period, in 1,000's of gallons, per Exhibit C1 (April through December):		131,014
5. Balance of unrecovered or (over recovered) Supply Charge costs, per Exhibit D:	\$	36,893

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)
\$ 4.37	\$ 571,979.30	+	+ \$ 36,892.72	=	\$ 4.65
	<hr style="border: 0.5px solid black;"/> Metered Usage in Mgals During Prior Base Period 131,014				

**ILLINOIS-AMERICAN WATER COMPANY
WAYCINDEN SERVICE DISTRICT
Change in Purchased Water Cost
April 2009**

Description:	Rate Per 100 Cubic Feet
Change in Purchased Water Charge:	
<u>Metered Service Rate:</u>	
Rate per 1,000 gallons as of January, 2009:	\$ 3.700
Previous Rate per 1,000 gallons:	<div style="border-top: 1px solid black;">3.700</div>
Total Change in Purchased Water Cost:	<div style="border-top: 1px solid black; border-bottom: 3px double black;">\$ 0.000</div>

Source: Billing Invoices

ILLINOIS-AMERICAN WATER COMPANY
WAYCINDEN SERVICE DISTRICT
Water Usage
For the Year 2008

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:		
2008 January	13,142	16,686
2008 February	12,557	16,058
2008 March	12,064	14,750
2008 April	13,151	15,942
2008 May	13,234	15,867
2008 June	14,595	17,126
2008 July	14,188	15,649
2008 August	16,282	19,350
2008 September	16,230	15,885
2008 October	13,215	19,533
2008 November	13,741	14,869
2008 December	11,101	12,126
Total for the 12 most recent months:	<u>163,500</u>	<u>193,841</u>
Total April through December:	<u>125,737</u>	<u>146,347</u>
Maximum Unaccounted-for Water Per Tariff:		<u>14.00%</u>
Actual Unaccounted-for Water for Calendar Year 2008:		<u>15.65%</u>
Actual Unaccounted-for Water for April-December, 2008:		<u>14.08%</u>

Source: Billing Reports and Purchased Water Invoices for Waycinden Service Area.

ILLINOIS-AMERICAN WATER COMPANY
WAYCINDEN SERVICE DISTRICT
Historical Water Usage
For the Calendar Years 2008 and 2007

Month	Average	2008	2007	Average Usage Plus NRW	2008 Usage Plus NRW	2007 Usage Plus NRW
January	13,345	13,142	13,547	16,491	16,686	16,295
February	13,010	12,557	13,463	16,296	16,058	16,533
March	12,491	12,064	12,917	16,934	14,750	19,117
April	13,347	13,151	13,542	16,488	15,942	17,034
May	12,966	13,234	12,697	17,919	15,867	19,971
June	14,766	14,595	14,936	18,302	17,126	19,477
July	15,559	14,188	16,930	17,703	15,649	19,756
August	17,029	16,282	17,776	20,717	19,350	22,084
September	15,805	16,230	15,379	16,535	15,885	17,185
October	14,906	13,215	16,596	18,505	19,533	17,476
November	14,028	13,741	14,316	15,150	14,869	15,430
December	12,610	11,101	14,119	14,406	12,126	16,686
Total	<u>169,859</u>	<u>163,500</u>	<u>176,218</u>	<u>205,443</u>	<u>193,841</u>	<u>217,044</u>
Nine-Months April through December	<u>131,014</u>	<u>125,737</u>	<u>136,291</u>	<u>155,723</u>	<u>146,347</u>	<u>165,099</u>
Total				<u>17.32%</u>		
Nine Months April through December				<u>15.87%</u>		

Source: Current year and prior year Exhibit C

ILLINOIS-AMERICAN WATER COMPANY
WAYCINDEN SERVICE DISTRICT
Summary of Lake Water Purchases and Cost Recovery
April 2009

VARIABLE COSTS	(A) Actual Cost of Lake Water Purchased	(B) Cost Recovery via Lake Water Supply Charge	(A-B) Monthly Unrecovered (Over recovered) Supply Charge Cost	Cumulative Unrecovered (Over recovered) Supply Charge Cost
Month				
Balance forwarded from prior year:				
2007 R-Factor				\$ (11,780)
2006 O-Factor plus interest				(1,215)
Total balance forwarded:				<u>(12,995)</u>
January	\$ 54,563	\$ 42,712	\$ 11,852	(1,143)
February	55,721	40,953	14,768	13,625
March	51,183	39,208	11,975	25,599
April	55,319	42,741	12,578	38,177
May	55,058	52,934	2,124	40,301
June	59,427	58,380	1,047	41,349
July	54,302	56,752	(2,450)	38,899
August	67,145	65,128	2,017	40,915
September	55,121	65,167	(10,047)	30,869
October	67,780	52,880	14,900	45,768
November	51,595	54,962	(3,367)	42,401
December	<u>42,077</u>	<u>44,406</u>	<u>(2,329)</u>	<u>40,073</u>
Total:	<u>\$ 669,291</u>	<u>\$ 616,223</u>	<u>\$ 53,068</u>	<u>40,073</u>
Unrecovered (Over recovered) variable supply charges:				<u>40,073</u>
Utility-determined reconciliation component:				40,073
Cost of Water Exceeding the Non-revenue Water Level of 15.25% during the Year				(3,180)
Total Level Unrecovered (Over recovered) variable supply charges (VSC):				<u>\$ 36,893</u>

Calculation of UFW Factor

Metered Usage	<u>163,500</u>	Per Exhibit C less Nov Adjustment
Maximum allowed + UFW	<u>190,116</u>	Metered usage divided by 1 minus the UFW maximum
Maximum allowed + NRW	192,920	Metered usage divided by 1 minus (the UFW maximum + 1.25% unbilled consumption from Docket No. 07-0425, IAWC Exhibit 1.0)
Metered Usage + UFW	<u>193,841</u>	Per Exhibit C
Metered Usage + NRW > Max Rate / 1,000 gallons	921	Actual Metered Usage + UFW less (Maximum allowed plus NRW)
Cost of Lakewater over UFW	<u>\$ 3,180</u>	Cost of Lake Water divided by Metered Usage + UFW
		Lakewater cost exceeding the Max UFW

Source: Bill Data and Purchase Data reports.