

AQUA ILLINOIS, INC.  
NORTH MAINE WATER DIVISION  
CALCULATION OF PURCHASED WATER SURCHARGE  
JUNE 2015 - DECEMBER 2015

FORMULA FACTORS

$$VC = \frac{VSC + Rv + Ov}{VBU}$$

<b>VC</b>	<b>Variable charge per variable billing unit to be billed to customers during the base period</b>		<b>\$ 0.6946</b>
VSC	Estimated variable charge from the supplier during the base period	(C) * (B)	\$ 198,396
Rv	Utility-determined reconciliation component for the variable charge	line (G)	\$ (28,910)
Ov	Commission-ordered adjustment component for the variable charge		\$ -
VBU	Variable billing units for water to be billed to customers during the base period expressed in 1,000 gallons	line (C)	244,000
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<b>A</b>	<b>Purchased Water Surcharge in effect, per 1,000 gallons, effective September 1, 2016</b>	(B) + (D)	<b>\$ 0.6946</b>
B	Surcharge Rate per 1,000 gallons (effective June 1, 2015):	Ex. 1.2	\$ 0.8131
C	Estimated Metered Sales (1,000 of gallons) sold to the customers of North Maine during the period September 1, 2016 - December 31, 2016	Ex. 1.3	244,000
D	Adjustment to Rate per 1,000 gallons (effective September 1, 2016):	(G) / (C)	\$ (0.1185)
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E	Actual Recovery of Niles Water Purchased from the North Maine Water Customers	Ex. 1.4	\$ 333,578
F	Increase in Costs of Purchased Water from Niles	line (J)	\$ 304,667
G	(Under-recovered) Over-Recovered Purchased Water Surcharge	(E) - (F)	\$ 28,910
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H	Actual Cost of Niles Water Purchased	Ex. 1.5	\$ 3,807,018
I	Projected Cost of Niles Water Purchased Without the Rate Increase (Niles increased the cost of water from \$6.90 to \$7.60 effective July 1, 2015.)	Ex. 1.5	\$ 3,502,350
J	Increase in Costs of Purchased Water from Niles	(H) - (I)	\$ 304,667
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K	North Maine Water Customers Metered Sales (1,000 of gallons)	Line (M)	410,254
L	Actual Recovery from Surcharges of Niles Water Purchased from the North Maine Water	Ex. 1.6	\$ 333,578
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M	North Maine Water Customers Metered Sales (1,000 of gallons)	Ex. 1.7	410,254
N	Purchased Water Usage from the Village of Niles (1,000 of gallons)	Ex. 1.7	507,587
O	Metered Ratio Percentage	(M) / (N)	81%
P	Unaccounted-For Water Percentage	100% - (O)	19%