



## MEMORANDUM

DATE: May 21, 2015  
 TO: Dan Duchniak  
 FROM: Jeff Detro  
 RE: Annual Water Treatment Chemical Proposals

Annual proposals have been received for water treatment chemicals, as shown on the attached table. Quantities of chemicals are based on a projected water pumpage of 2.46 billion gallons for the year 2015. It is our recommendation to award, as follows:

### Viking Chemical Company:

Fluoride	\$ 4,564.00
Sodium Hypochlorite	32,400.00
Sodium Hydroxide	3,848.00
Sodium Permanganate	9,420.00
Liquid Manganese Sulfate	6,600.00
Dry Manganese Sulfate	24,000.00
Dry Potassium Permanganate	<u>15,899.40</u>

\$96,731.40

### Milport Chemical:

Sodium Silicate	\$52,650.00
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**Total bid amount** **\$149,381.40\***

\*(based on estimated 2015 pumpage of 2.46 billion gallons)

Budgeted amount	\$184,800.00
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Funds for these products will be taken from Account #6410. Total cost will depend on actual 2015 water pumpage.

**Recommended Motion:** Move to approve annual water treatment chemicals, as recommended.

Supplier	Fluoride	Sodium Silicate	Sodium Hypochlorite Bulk	Sodium Hydroxide	Sodium Permanganate	Liquid Manganese Sulfate
<b>2015 Estimated Qty.</b>	<b>1,400 gallons</b>	<b>450,000 lbs.</b>	<b>30,000 gallons</b>	<b>2,600 gallons</b>	<b>1,200 gallons</b>	<b>1,200 gallons</b>
Hawkins Water Treatment 1882 Morris Street Fond du Lac, WI 54935	\$3.39/Gallon \$4,746.00		\$1.15/Gallon \$34,500.00	\$1.49/Gallon \$3,874.00	\$7.95/Gallon \$9,540.00	\$5.95/Gallon \$7,140.00
Hydrite Chemical Co. 7300 W. Bradley Road Milwaukee, WI 53223	\$5.25/Gallon \$7,350.00			\$2.20/Gallon \$5,720.00		
Milport Chemical Co. 2829 S. 5th Court Milwaukee, WI 53218		<b>\$11.70/cwt</b> <b>\$52,650.00</b>	\$1.19/Gallon \$35,700.00			
Occidental Chemical 3030 Warrenville Road Suite 330 Lisle, IL 60532		\$12.30/cwt \$55,350.00				
Viking Chemical Company 1827 Eighteenth Ave Rockford, IL 6110-0095	<b>\$3.26/ Gallon</b> <b>\$4,564.00</b>		<b>\$1.08/ Gallon</b> <b>\$32,400.00</b>	<b>\$1.48/ Gallon</b> <b>\$3,848.00</b>	<b>\$7.85/Gallon</b> <b>\$9,420.000</b>	<b>\$5.50/Gallon</b> <b>\$6,600.00</b>
<b>2014 Cost</b>	<b>\$3.60/Gallon</b>	<b>\$11.75/cwt</b>	<b>\$1.30/Gallon</b>	<b>\$1.60/Gallon</b>	<b>\$8.00/Gallon</b>	<b>\$6.00/Gallon</b>
<b>Percent change</b>	<b>-9.5%</b>	<b>-.05%</b>	<b>-17%</b>	<b>-7.5%</b>	<b>-1.9%</b>	<b>-8.4%</b>

\*cwt = cost per hundred pounds.

\*\* Product supplies in paper bags

Supplier	Dry Manganese Sulfate	Dry Potassium Permanganate
<b>2015 Estimated Qty.</b>	<b>12,000 lbs.</b>	<b>8,030 lbs.</b>
Hawkins Water Treatment 1882 Morris Street Fond du Lac, WI 54935	\$365.00/cwt \$43,800.00	\$345.00/cwt \$27,703.50
Viking Chemical Company 1827 Eighteenth Ave Rockford, IL 6110-0095	<b>\$200.00/cwt</b> <b>\$24,000.00</b>	<b>\$198.00/cwt</b> <b>\$15,899.40</b>
<b>2014 Cost</b>	<b>\$224.00/cwt</b>	<b>\$199/cwt</b>
<b>Percent Change</b>	<b>-11%</b>	<b>-.05%</b>