

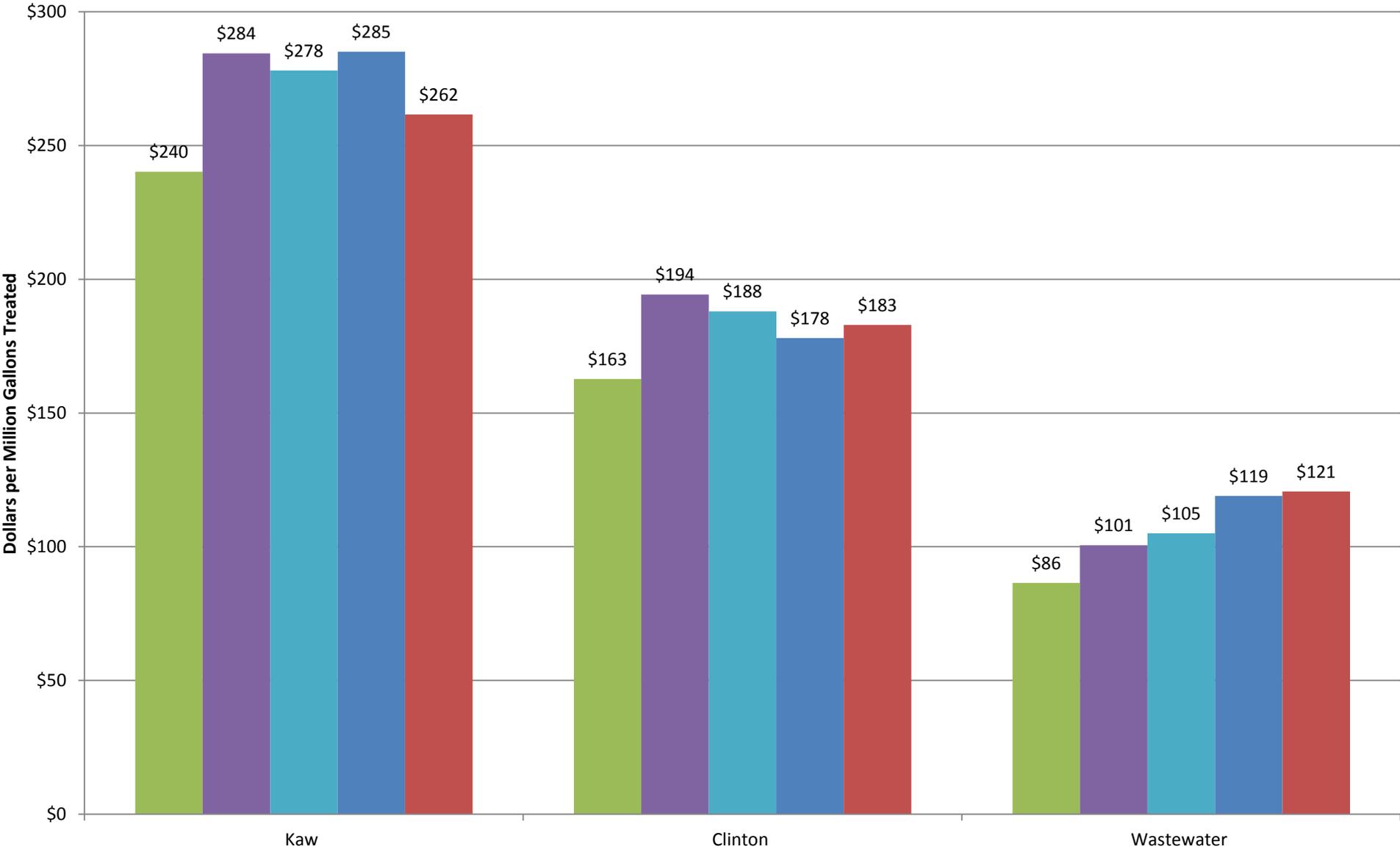
### Chemical Unit Price Comparison 2011 - 2015

<b>Kaw Chemicals</b>	<b>Unit of Measure</b>	<b>Bid Unit Cost for 2011</b>	<b>Bid Unit Cost for 2012</b>	<b>Bid Unit Cost for 2013</b>	<b>Bid Unit Cost for 2014</b>	<b>Bid Unit Cost for 2015</b>
Aluminum Sulfate	LBS	\$0.28	\$0.30	\$0.3015	\$0.3015	\$0.305
Aqua Ammonia	Gallon	\$1.46	\$1.74	\$1.19	\$0.85792	\$0.9730
Carbon Dioxide	LBS	\$0.03	\$0.04	\$0.04	\$0.0425	\$0.040
Lime	LBS	\$0.06	\$0.07	\$0.06625	\$0.067	\$0.06880
Phosphate solution	Gallon	\$10.75	\$12.10	\$9.47	\$5.871	\$6.042
Polymer	LBS	\$0.55	\$0.68	\$0.62	\$0.62	\$0.62
Carbon	LBS	\$0.70	\$0.77	\$1.395	\$0.86	\$0.814
Soda Ash	LBS	-	-	-	-	-
Sodium Bisulfite	Gallon	\$1.98	\$1.93	\$1.8961	\$1.88	\$1.90
Sodium Hypochlorite	Gallon	\$0.79	\$0.79	\$0.747	\$0.702	\$0.65
Sodium Silicofluride	LBS	\$0.42	\$0.45	\$0.45	\$0.46	\$0.4645

<b>Clinton Chemicals</b>	<b>Unit of Measure</b>	<b>Unit Cost for 2011</b>	<b>Bid Unit Cost for 2012</b>	<b>Bid Unit Cost for 2013</b>	<b>Bid Unit Cost for 2014</b>	<b>Bid Unit Cost for 2015</b>
Aqua Ammonia	Gallon	\$1.46	\$1.74	\$1.19	\$0.85792	\$0.9730
Carbon	LBS	\$0.70	\$0.77	\$1.395	\$0.86	\$1.17
Ferric Chloride	Gallon	\$1.50	\$1.60	\$1.59	\$1.31	\$1.232
Lime	LBS	\$0.06	\$0.07	\$0.06625	\$0.0672	\$0.06880
Polymer	LBS	\$0.55	\$0.73	\$0.70	\$0.70	\$0.70
Sodium Bisulfite	Gallon	\$1.98	\$1.93	\$1.8961	\$1.88	\$1.90
Sodium Hexametaphosphate	LBS	\$1.05	\$1.15	\$1.067	\$1.03	\$0.9975
Sodium Hypochlorite	Gallon	\$0.79	\$0.79	\$0.747	\$0.702	\$0.65
Sodium Silicofluride	LBS	\$0.42	\$0.45	\$0.45	\$0.46	\$0.4645

<b>Wastewater Chemicals</b>	<b>Unit of Measure</b>	<b>Unit Cost for 2011</b>	<b>Bid Unit Cost for 2012</b>	<b>Bid Unit Cost for 2013</b>	<b>Bid Unit Cost for 2014</b>	<b>Bid Unit Cost for 2015</b>
Clarfloc 617	LBS	\$1.00	\$1.06	\$0.98	\$0.98	\$1.02
Ferric Chloride	Gallon	\$1.50	\$1.60	\$1.59	\$1.31	\$1.232
Ferrous Chloride	Gallon	\$0.52	\$0.48	\$0.53	\$0.53	\$0.68
Polymer (Actiflo)	LBS	\$1.59	\$2.00	\$2.02	\$2.02	\$1.43
PPM (Carus)	LBS	\$3.10	\$3.15	\$3.15	\$3.149	\$3.60
Quick lime	LBS	\$0.07	\$0.06	\$0.06625	\$0.067	\$0.06880
Silica Sand	Bag	-	-	-	-	-
Sodium Bisulfite - bulk	Gallon	\$1.98	\$2.40	-	-	-
Sodium Hypochlorite	Gallon	\$0.79	\$0.79	\$0.747	\$0.702	\$0.65
Anti foamer	LBS	\$2.90	\$2.80	\$3.20	\$3.60	\$1.02
Sodium Bisulfite - Tote	Gallon	-	\$1.93	\$1.8961	\$1.88	\$1.90

# Plant Chemical Cost per Million Gallons Treated 2011 - 2015\*



\* 2015 thru September 30

■ 2011 ■ 2012 ■ 2013 ■ 2014 ■ 2015

	2011	2012	2013	2014	2015
Kaw	\$240	\$284	\$278	\$285	\$262
Clinton	\$163	\$194	\$188	\$178	\$183
Wastewater	\$86	\$101	\$105	\$119	\$121