

Chemical Unit Price Comparison 2009 - 2011

Kaw Chemicals Used	Unit of Measure	Unit Cost for 2009	Unit Cost for 2010	Unit Cost for 2011	Bid Unit Cost for 2012
Aluminum Sulfate	LBS	\$0.26	\$0.26	\$0.28	\$0.30
Aqua Ammonia	Gallon	\$1.37	\$0.89	\$1.46	\$1.74
Carbon Dioxide	LBS	\$0.04	\$0.03	\$0.03	\$0.04
Chlorine Gas	LBS	\$0.26	-	-	-
Lime	LBS	\$0.06	\$0.06	\$0.06	\$0.07
Phosphate	Gallon	\$12.74	\$12.73	\$10.75	\$12.10
Polymer	LBS	\$0.61	\$0.55	\$0.55	\$0.68
Powder Activated Carbon	LBS	\$0.58	\$0.58	\$0.49	-
Calgon Carbon	LBS	-	-	\$0.70	\$0.77
Soda Ash	LBS	\$0.17	\$0.19	-	-
Sodium Bisulfite	Gallon	\$2.61	\$2.07	\$1.98	\$1.93
Sodium Hypochlorite	Gallon	\$1.02	\$0.78	\$0.79	\$0.79
Sodium Silicofluride	LBS	\$0.41	\$0.42	\$0.42	\$0.45

Clinton Chemicals Used	Unit of Measure	Unit Cost for 2009	Unit Cost for 2010	Unit Cost for 2011	Bid Unit Cost for 2012
Aqua Ammonia	Gallon	\$1.37	\$0.89	\$1.46	\$1.74
Calgon Carbon	LBS	\$0.85	\$0.86	\$0.70	\$0.77
Ferric Chloride	Gallon	\$1.50	\$1.40	\$1.50	\$1.60
Lime	LBS	\$0.06	\$0.06	\$0.06	\$0.07
Polymer	LBS	\$0.55	\$0.55	\$0.55	\$0.73
Powder Activated Carbon	Ton	\$0.58	-	-	-
Sodium Bisulfite	Gallon	\$2.61	\$2.07	\$1.98	\$1.93
Sodium Hexametaphosphate	LBS	\$1.53	\$1.13	\$1.05	\$1.15
Sodium Hypochlorite	Gallon	\$1.02	\$0.78	\$0.79	\$0.79
Sodium Silicofluride	LBS	\$0.41	\$0.42	\$0.42	\$0.45

Wastewater Chemicals Used	Unit of Measure	Unit Cost for 2009	Unit Cost for 2010	Unit Cost for 2011	Bid Unit Cost for 2012
Clarfloc 616	LBS	\$1.14	\$1.07	\$1.00	\$1.06
Ferric Chloride	Gallon	\$1.50	\$1.40	\$1.50	\$1.60
Ferrous Chloride	Gallon	\$1.25	\$0.46	\$0.52	\$0.48
Magnafloc 110L	LBS	\$2.37	\$1.03	\$1.59	\$2.00
PPM (Carus)	LBS	\$2.73	\$3.10	\$3.10	\$3.15
Quick lime	LBS	\$0.06	\$0.06	\$0.07	\$0.06
Silica Sand	Bag	\$8.80	\$8.85	-	-
Sodium Bisulfite - bulk	Gallon	\$2.61	\$2.30	\$1.98	\$2.40
Sodium Hypochlorite	Gallon	\$1.02	\$0.78	\$0.79	\$0.79
Tramfloc/Anti foamer	LBS	\$2.05	\$2.35	\$2.90	\$2.80
Sodium Bisulfite - Tote	Gallon	-	-	-	\$1.93

Total Chemical Cost per Million Gallons Treated Comparing 2009, 2010, and 2011 (January1 - October 31)

