

Kentucky American Water
Chemical Usage and Amounts 1999 thru 2003
AG DR 1, Item 97

Year	Chemical	Pounds	Dollars	GL Balance	Variance
1999	Polyaluminum Chloride	1,534,423	\$ 217,486		
	Aluminum Sulfate	115,008	\$ 6,166		
	Chlorine	813,200	\$ 104,283		
	Fluoride	151,923	\$ 37,723		
	Carbon	400	\$ 151		
	Copper Sulfate	950	\$ 607		
	Polymer - 1	271,481	\$ 58,785		
	Sodium Chloride	31,445	\$ 1,943		
	Ammonia	126,881	\$ 18,076		
	Caustic Soda	680,855	\$ 87,882		
	Potassium Permanganate	2,282	\$ 2,878		
	Polymer - 2	11,007	\$ 15,091		
	Ferric Chloride	1,065,575	\$ 117,250		
	Corrosion Inhibitor	457,426	\$ 103,528		
TOTAL		5,262,856	\$ 771,849	848,143	(76,294)
2000	Polyaluminum Chloride	3,570,432	\$ 536,171		
	Aluminum Sulfate	25,541	\$ 1,343		
	Chlorine	855,079	\$ 110,115		
	Fluoride	148,247	\$ 38,715		
	Carbon	5,560	\$ 2,587		
	Copper Sulfate	5,250	\$ 3,193		
	Polymer - 1	292,216	\$ 58,270		
	Sodium Chloride	32,100	\$ 1,645		
	Ammonia	129,911	\$ 18,265		
	Caustic Soda	1,180,479	\$ 101,460		
	Potassium Permanganate	1,767	\$ 2,225		
	Polymer - 2	12,386	\$ 14,450		
	Ferric Chloride	1,608,328	\$ 180,468		
	Corrosion Inhibitor	433,277	\$ 94,428		
TOTAL		8,300,573	\$ 1,163,335	1,164,206	(871)
2001	Polyaluminum Chloride	4,097,552	\$ 427,947		
	Aluminum Sulfate	48,478	\$ 2,569		
	Chlorine	870,951	\$ 121,024		
	Fluoride	144,337	\$ 38,792		
	Carbon	6,100	\$ 2,689		
	Copper Sulfate	6,300	\$ 3,832		
	Polymer - 1	278,970	\$ 49,289		
	Sodium Chloride	30,050	\$ 1,609		
	Ammonia	116,895	\$ 16,931		
	Caustic Soda	1,143,396	\$ 153,810		
	Potassium Permanganate	2,353	\$ 3,139		
	Polymer - 2	16,355	\$ 20,095		
	Ferric Chloride	1,694,048	\$ 213,565		
	Corrosion Inhibitor	422,163	\$ 87,529		

TOTAL	8,877,948	\$ 1,142,820	1,145,572	\$ (2,752)
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2002	Polyaluminum Chloride	7,869,348	\$ 803,193		
	Aluminum Sulfate	-	\$ -		
	Chlorine	949,732	\$ 100,884		
	Fluoride	453,604	\$ 41,975		
	Carbon	7,600	\$ 3,540		
	Copper Sulfate	4,500	\$ 1,485		
	Polymer - 1	361,046	\$ 55,218		
	Sodium Chloride	35,130	\$ 2,946		
	Ammonia	136,951	\$ 21,790		
	Caustic Soda	505,592	\$ 51,905		
	Potassium Permanganate	946	\$ 1,279		
	Polymer - 2	25,565	\$ 23,025		
	Ferric Chloride	394,972	\$ 43,540		
	Corrosion Inhibitor	463,371	\$ 94,307		
TOTAL		11,208,357	\$ 1,250,799	1,242,755	8,044
2003	Polyaluminum Chloride	8,009,967	\$ 831,379		
	Aluminum Sulfate	-	\$ -		
	Chlorine	791,624	\$ 135,899		
	Fluoride	584,511	\$ 38,063		
	Carbon	11,700	\$ 5,505		
	Copper Sulfate	13,440	\$ 11,775		
	Polymer - 1	275,388	\$ 41,487		
	Sodium Chloride	45,750	\$ 4,671		
	Ammonia	152,960	\$ 25,258		
	Caustic Soda	590,184	\$ 44,007		
	Potassium Permanganate	469	\$ 636		
	Polymer - 2	20,480	\$ 16,817		
	Ferric Chloride	52,159	\$ 2,900		
	Corrosion Inhibitor	387,755	\$ 69,061		
TOTAL		10,936,387	\$ 1,230,184	1,255,541	(25,357)