

City of Akron
Water Pollution Control Station
OPERATION DATA SUMMARY

General Data Comparison

	<u>2006</u>	<u>2007</u>	<u>2008</u>
MIN. flow rate, Wastewater Treated, MGD	27	29	31
MAX. flow rate, Wastewater Treated, MGD	268	266	285
AVG. flow, Wastewater Treated, MGD	75.44	78.97	78.60
Total Wastewater Treated, MG	27,547	28,856	28,499
Total Raw Wastewater Bypassed, MG	0	0	0.001
Total Secondary Wastewater Bypassed, MG	679.2	1048.7	1218.7
Precipitation Inches (AWPCS)	42.7	41.3	56.8
Raw Wastewater SS Daily AVG. Tons	60.75	72.38	64.52
Raw Wastewater SS Daily AVG. mg/L	193	220	197
Final Effluent SS Daily AVG. mg/L	6.1	6.2	9.0
Percent Removal SS Raw-to-Final	96.9	97.2	95.4
Raw Wastewater CBOD Daily AVG. Tons	27.16	31.37	30.02
Raw Wastewater CBOD Daily AVG. mg/L	86	95	92
Final Effluent CBOD Daily AVG. mg/L	<2.1	<2.6	3.1
Percent Removal CBOD Raw-to-Final	>97.5	>96.2	96.4
Raw Phosphorus Daily AVG, mg/L	3.03	2.96	2.79
Final Effluent P Daily AVG. mg/L	0.74	0.77	0.59
Percent Removal P Raw-to-Final	75.6	74.1	78.8
Total Blended Sludge Produced, Th. Dry Tons +	13.31	12.97	12.04
Total Daily Avg. Sludge Produced, Dry Tons +	36.47	35.55	32.98
% Primary Sludge in Total Blend	58.5	59.7	50.1
% Secondary Sludge in Total Blend	41.5	40.3	49.9
Compost Product Shipped, Th. Cubic Yards	94.5	83.2	71.6
TOTAL COST OF TREATMENT	\$11,467,998.02	\$12,122,095.00	\$12,305,962.00
COST PER MILLION GALLONS	\$416.30	\$420.08	\$431.80

Percent Removal CBOD Raw-to-Final for 2006 has been corrected from >97.1 to >97.5.

+ Based on Primary and Secondary Sludge Thickening Process Production

Note: Sheet calculations are derived from yearly averages and data from this page only.

MG = Million Gallons, SS = Suspended Solids, CBOD = Carbonaceous Biochemical Oxygen Demand, P = Phosphorus