

City of Akron
Water Pollution Control Station
OPERATION DATA SUMMARY

	<u>2008</u>	<u>2009</u>	<u>2010</u>
MIN. flow rate, Wastewater Treated, MGD	31	32	27
MAX. flow rate, Wastewater Treated, MGD	285	269	274
AVG. flow, Wastewater Treated, MGD	78.60	69.14	70.03
Total Wastewater Treated, MG	28,499	25,123	25,564
Total Raw Wastewater Bypassed, MG	0.001	0	0
Total Secondary Wastewater Bypassed, MG	1218.7	641.1	301.9
Precipitation Inches (AWPCS)	56.8	41.0	36.0
Raw Wastewater SS Daily AVG. Tons	64.52	49.48	51.08
Raw Wastewater SS Daily AVG. mg/L	198	172	175
Final Effluent SS Daily AVG. mg/L	9.0	7.3	5.5
Percent Removal SS Raw-to-Final	95.4	95.7	96.9
Raw Wastewater CBOD Daily AVG. Tons	30.02	29.08	31.86
Raw Wastewater CBOD Daily AVG. mg/L	92	101	109
Final Effluent CBOD Daily AVG. mg/L	3.1	3.5	<2.9
Percent Removal CBOD Raw-to-Final	96.4	>96.6	>97.1
Raw Phosphorus Daily AVG, mg/L	2.79	2.76	2.74
Final Effluent P Daily AVG. mg/L	0.59	0.67	0.42
Percent Removal P Raw-to-Final	78.8	75.9	84.5
Total Blended Sludge Produced, Th. Dry Tons +	12.04	11.93	12.13
Total Daily Avg. Sludge Produced, Dry Tons +	32.98	32.69	33.23
% Primary Sludge in Total Blend	50.1	55.4	54.8
% Secondary Sludge in Total Blend	49.9	44.6	45.2
Compost Product Shipped, Th. Cubic Yards	71.6	107.8	69.1
TOTAL COST OF TREATMENT	\$12,305,962.00	\$12,120,233.00	\$11,934,003.62
COST PER MILLION GALLONS	\$431.80	\$482.44	\$466.82

Where a "<" or ">" symbol is shown, an MDL was included in the calculation of the average.

+ 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