

City of Akron  
Water Reclamation Facility  
**OPERATION DATA SUMMARY**

	<u>2013</u>	<u>2014</u>	<u>2015</u>
MIN. flow rate, Wastewater Treated, MGD	35	35	33
MAX. flow rate, Wastewater Treated, MGD	288	266	259
AVG. flow, Wastewater Treated, MGD	69.12	74.34	70.78
Total Wastewater Treated, MG	25,223	27,122	25,819
Total Raw Wastewater Bypassed, MG	0	0	0
Total Secondary Wastewater Bypassed, MG	557.4	427.3	334.6
Precipitation Inches (AWRF)	36.9	42.7	37.7
Raw Wastewater SS Daily AVG. Tons	42.16	46.24	43.31
Raw Wastewater SS Daily AVG. mg/L	146	149	147
Final Effluent SS Daily AVG. mg/L	5.6	5.5	6.0
Percent Removal SS Raw-to-Final	96.1	96.3	95.9
Raw Wastewater CBOD <sub>5</sub> Daily AVG. Tons	24.85	24.68	27.39
Raw Wastewater CBOD <sub>5</sub> Daily AVG. mg/L	86	80	93
Final Effluent CBOD <sub>5</sub> Daily AVG. mg/L	< 2.9	< 2.9	< 3.26
Percent Removal CBOD <sub>5</sub> Raw-to-Final	> 96.6	> 96.2	> 96.2
Raw Phosphorus Daily AVG, mg/L	2.46	2.31	2.22
Final Effluent P Daily AVG. mg/L	0.56	0.48	0.45
Percent Removal P Raw-to-Final	77.2	79.2	79.7
Total Blended Sludge Produced, Th. Dry Tons +	9.93	11.73	11.91
Total Daily Avg. Sludge Produced, Dry Tons +	27.22	32.13	32.64
% Primary Sludge in Total Blend	55.0	52.8	52.7
% Secondary Sludge in Total Blend	45.0	47.2	47.3
Dryer Material Produced, Cu. Yards	-	2,695	12,324
<b>TOTAL COST OF TREATMENT</b>	<b>\$19,094,682.00</b>	<b>\$21,047,466.60</b>	<b>\$20,375,447.29</b>
<b>COST PER MILLION GALLONS</b>	<b>\$757.03</b>	<b>\$776.04</b>	<b>\$789.18</b>

Where a "<" or ">" symbol is shown, 1/2 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<sub>5</sub> = Carbonaceous Biochemical Oxygen Demand 5 Day, P = Phosphorus

NV indicates no average due to predominance of data being at or near detection limit.