

**General information:**

The plant is designed to treat an average influent of 84.2 million gallons a day (mgd) of wastewater. Metro provides full secondary and tertiary treatment to flows up to 126 mgd; treated wastewater is discharged to the surface of Onondaga Lake through Metro Outfall 001. Flows greater than 126 mgd receive primary treatment and disinfection and are discharged to the lake through Bypass Outfall 002. On rare occasions of high rainfall and/or snowmelt, flows in the service area exceed Metro's hydraulic capacity of 240 mgd and bypass the plant with a direct discharge to Onondaga Lake.<sup>1</sup>

**Information for 2009:**

Metro provided full treatment to an average flow of 58.8 mgd in 2009, which was discharged to the lake through Outfall 001. On an annual basis, this discharge summed to more than 21.5 billion gallons. An additional 383 million gallons were discharged through Bypass Outfall 002.<sup>2</sup>

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<sup>1</sup> Onondaga County Department of Water Environment Protection web site:  
<http://ongov.net/WEP/we1901.html>

<sup>2</sup> Onondaga County Department of Water Environment Protection, June 2, 2010.