

ST. CLAIRSVILLE WATER AND WASTEWATER TREATMENT SYSTEMS

St. Clairsville is the county seat of Belmont County, part of the Wheeling Metropolitan Statistical area. The City has approximately 2,400 utility customers, mostly residential. According to the United States Census Bureau, the city has a total area of 2.44 square miles (6.32 km²), of which 2.42 square miles (6.27 km²) is land and 0.02 square miles (0.05 km²) is water.

There are two wastewater treatment plants. One is 950,000 GPD RBC plant, built in 1984 and upgraded in 2016. The other is a 90,000 GPD extended aeration tertiary treatment package plant built in 1986. There are 14 pumping stations.

The water treatment plant is a maximum 750,000 GPD – producing 600,000 GPD – conventional treatment plant with oxidation chamber, coagulation, flocculation/settling basins and filtration. The raw water source is supplied by two surface reservoirs, one 7 acres and the other 4 acres. This supply is supplemented by finished water purchased from the Belmont County System. A contract is in place with limitations.

The City now is overseeing the development of St. Clair Commons, a 95-acre parcel open for development which is located in the southeast corner of the City. In 2019, a new 500,000 gallon water tank with a booster station for supply needs is being built to serve future growth.

ST. CLAIRSVILLE WATER SYSTEM INFORMATION

12"	5,548 LF
10"	11,802 LF
8"	17,427 LF
6"	106,741 LF
4"	54,680 LF
3"	1,398 LF
2"	6,027 LF

Total Water Valves = 452

Total Hydrants = 204

Total Service Connections = Approximately 2,400

ST. CLAIRSVILLE WASTEWATER SYSTEM ESTIMATES

Gravity Sewer = 39 miles

Sanitary Manholes = 997

Force Main Sewer = 3.3 miles

Pumping Stations = Approximately 13

Wastewater Treatment Plants = 2