



ALLENTOWN WATER / SEWER SYSTEM: Improvements Needed!

LCA's system upgrades are needed to protect public health and improve our service to the community!



SERVING ALLENTOWN CITIZENS:

Lehigh County Authority's mission is to deliver exceptional value to our customers through our high-quality, affordable and reliable water and wastewater services. Learn more at www.lehighcountyauthority.org.

QUICK FACTS ABOUT LCA:

- Established in 1966 by the County of Lehigh to provide water and sewer services to our region.
- Governed by a Board of Directors, appointed by the County. Two Board members are designated to represent Allentown citizens – no other municipality has guaranteed representation on our Board!
- Municipal authority structure → local, public, non-profit, non-taxing, independent & professional.
- Our rates are designed to cover costs, and that's it! No shareholder profit or corporate expenses.
- Providing service to 200,000+ citizens in 19 municipalities in Lehigh and Northampton counties.
Operating 24 hours a day, 365 days a year!

CITY OF ALLENTOWN SYSTEM OPERATIONS:

- 325 miles of water distribution main
- 22 million gallons of water treated / delivered daily
- 31 million gallons per day of sewage treatment
- 290 miles of sanitary sewer lines
- 1,800 fire hydrants
- 7,918 water system valves
- 6,014 sanitary sewer manholes
- 269 lease-related reports to City per year
- 64,000 water quality / lab tests per year
- 24,000 customer calls per year
- 102 employees dedicated to Allentown system

ANNUAL SYSTEM MAINTENANCE IN ALLENTOWN:

- 110 miles of leak detection on water lines
- 900 fire hydrants inspected & maintained
- 1,224 water valves inspected & maintained
- 325 miles of water distribution system flushed
- 55,000 feet of sanitary sewer cleaned & televised
- 7,000+ maintenance work orders completed
- And much more!

Kline's Island Wastewater Plant:

Digester Covers – Installed 1960s

- Replaced in 2017: \$3M

Electrical Substations – Installed 1960s/1970s

- Replace in 2019: \$6M

Water Filtration Plant:

Filter Beds / Underdrains – Installed 1953

- Replace by 2020: \$13M

Little Lehigh Intakes – Installed 1928 & 1953

- Replace by 2025: \$9.5M

Water Mains:

50-100+ Years Old – Replace 2 miles/year

- \$3.2M annually for the next 45 years
- 49 leaks repaired in 2017

Sanitary Sewer System:

Much of the system – Installed early 1900s

- 250 backups cleared per year
- 262 miles cleaned / flushed in 2017
- Root intrusion treated – 61,000 feet
- Much more to keep sewage flowing!

Across the nation, more than \$1 trillion will be needed in the next 25 years to repair and replace aging water and sewer systems, and will impact rates everywhere. These essential services are important and must be funded! Locally, the same is true. We must address Allentown system needs!