



New York City is the economic engine of the state. Through the democratic system and legislature, New York [City] is able to secure rights to take water from the Catskills.

Largely invisible — but essential — is New York City’s water supply system. It stretches across 125 miles and delivers over one billion gallons of drinking water to nine million people. New York City’s water supply system is one of the largest, chlorinated largely unfiltered municipal water supply systems on the planet. The system relies on mountain water

flowing into upstate reservoirs delivered to the city through an astounding network of tunnels and aqueducts.

Until roughly the 1950s, New York was experiencing tremendous growth. The consolidation of the city in 1898 was an important part of that story. The water system developed in tandem with that population growth. The city expanded the Croton system until they got virtually every drop that was available in 1911.



### **Process Safety Management**

Change out of chlorination equipment for the water supply required a team of highly experienced process safety professionals, including Veritatis to NYC Water Supply under contract with ARCADIS



***What Veritatis did:***

- Planning and managing a Process Safety Management Program
- Process Safety Management work effectiveness, including resource allocation effectiveness
- OSHA's 29 CFR 1910.119 and the EPA's Risk Management Program (RMP)
- Conducting pre, live, post project audits
- Leading process hazards analyses of all types (HAZOP Checklists, FMEA, What-If, and Fault Tree Analysis)
- Writing operating procedures
- Implementing a Management of Change (MOC) Program

