



AMR Transmitter

\$252 million to install an Automated Meter Reading (AMR) network throughout New York City

The AMR network is a system of low-power radio transmitters that sends readings from your water meter

to a computerized billing system up to four times a day. This network will eliminate the need for estimated bills and will allow you to regularly track your water consumption and spot potentially costly leaks before they become a billing problem.



Old Croton Aqueduct

New York City has invested in its water and wastewater systems for more than 150 years, and much of that infrastructure has served the people of New York for more than a century. DEP is continuing that tradition with the most comprehensive upgrades to the City's water and wastewater systems in decades. These projects will serve New Yorkers for generations to come.

Front Cover: Croton Water Filtration Plant

Your 2011 Water and Sewer Fees at Work: Manhattan

Michael R. Bloomberg, Mayor

Caswell F. Holloway, Commissioner



Water and sewer fees are being used to make important investments that will guarantee clean drinking water and cleaner harbors for you, your family and for future generations of New Yorkers.

DEP uses the majority of the monies generated by water and sewer rates to make investments that have been mandated by the State or Federal government to ensure public health. These investments include watershed protection, wastewater treatment plant upgrades, a new Water Filtration Plant for the City's Croton water supply and a new Ultraviolet Light Disinfection Plant for the City's Catskill and Delaware watersheds.

In addition to these mandated investments, DEP is making billions of dollars of improvements to the water and sewer networks throughout the five boroughs, including 193 capital projects in Manhattan. Highlights include:



Upstate watershed

\$1.4 billion to protect upstate watersheds

The City supports a number of watershed protection programs in its Catskill and Delaware watersheds.

These programs, which include everything from

rehabilitating upstate septic systems to buying land around our watershed, protect the high quality of New York City's source waters for years to come.



City Water Tunnel No. 3

\$6 billion to build City Tunnel 3

The City currently relies on City Tunnels No. 1 and 2 to deliver the majority of drinking water within the City. These tunnels were first put into service in 1917 and

1936, respectively. Completing City Tunnel No. 3 will provide New York with critical supply capacity, and will allow DEP to repair City Tunnels No. 1 and 2 for the first time in their history.



Croton Water Filtration Plant

\$4.7 billion to construct the Croton Water Filtration Plant and the Catskill/Delaware Ultraviolet Light Disinfection Plant

Ten percent of the City's water comes from West-

chester and Putnam Counties, where local development can affect drinking water. The Croton Water Filtration Plant will ensure that water from these areas continues to meet the City's water quality standards. The Catskill/Delaware Ultraviolet Light Disinfection Plant will provide a second means of disinfection to 90% of the City's drinking water supply.



Newtown Creek Wastewater Treatment Plant

\$3.7 billion to upgrade wastewater treatment plants

The waterways surrounding New York City are the cleanest they have been in over a century. To continue that progress and to meet the requirements of the

federal government, the City must upgrade its wastewater treatment plants. DEP will invest \$164.8 million in the North River Wastewater Treatment Plant. In the early 1990s, DEP began a \$5 billion upgrade of the Newtown Creek Wastewater Treatment Plant. The Newtown Creek Plant is located in Greenpoint, Brooklyn, but serves parts of Manhattan; its ongoing upgrade will raise the wet weather treatment capacity to 700 million gallons of water per day.



Manhattan Pumping Station

\$1.1 billion to decrease the amount of Combined Sewer Overflows from entering New York City's Waterways

The City's CSO facilities will capture, retain and pump overflow to wastewater

treatment plants before it affects our environment. A part of this work includes the Manhattan Pumping Station, a \$225 million facility that will capture stormwater from a 4,362-acre drainage area.