

Branding the City's 3rd Water Tunnel

The series of posters and collateral materials such as booklets, brochures, and construction panels about the City Water Tunnel No.3 employ uncomplicated abstraction, blue hues, and subtle gradients to convey water, tunnels and tranquility. This approach evokes the international typographic style developed in Switzerland in the 1950's. These designs emphasize readability and objectivity using uniform design elements, and strong geometric shapes. Once again, all in an effort to evoke a calm feeling about construction and a draw to the image that may then trigger the viewer to want to know what the image is trying to broadcast and read the text description. This series of designs are a direct symbiosis to such Swiss designers as Emil Ruder, Armin Hoffman, Josef Müller-Brockmann, Jan Tschichold and Max Bill.

WWW.YOUTUBE.COM/NEWYORKCITYDDC



NYC Department of Transportation
NYC Department of Environmental Protection

Design: Camilo Rojas-Lavado

8/12

The poster features a blue background with a white horizontal bar. At the top left is the logo for 'WE BUILD THE CITY' with three stylized 'D' shapes. At the top right is the text 'NYC DEPARTMENT OF DESIGN & CONSTRUCTION INFRASTRUCTURE DIVISION OFFICE OF COMMUNITY OUTREACH & NOTIFICATION'. The main title 'W60th Street Project' is in large, bold, black font. Below it, 'A CITY WATER TUNNEL No.3 PROJECT' is in a smaller, bold, black font. The central image is a large, abstract geometric shape composed of several overlapping rectangles in various shades of blue, from light to dark, creating a sense of depth and movement. At the bottom left, a yellow box contains the text 'PROJECT ID: MED609 | 609B|'. At the bottom, three columns of text list the Mayor, Commissioner, and Deputy Commissioner for Infrastructure.

WE BUILD THE CITY

NYC DEPARTMENT OF DESIGN & CONSTRUCTION
INFRASTRUCTURE DIVISION
OFFICE OF COMMUNITY
OUTREACH & NOTIFICATION

W60th Street Project

A CITY WATER TUNNEL No.3 PROJECT

PROJECT ID: MED609 | 609B|

MICHAEL R. BLOOMBERG
MAYOR

DAVID J. BURNEY, FAIA
COMMISSIONER

ERIC C. MACFARLANE, P.E.
DEPUTY COMMISSIONER INFRASTRUCTURE

What to Expect

The City of New York Department of Design and Construction (DDC) is managing a project to reconstruct existing water mains, add new water mains and update utility infrastructure in the Lincoln Center Area. A significant element of the project is the installation of new water trunk mains that will connect to the shaft distribution chamber of City Water Tunnel No. 3. The project is scheduled to commence in Spring 2012 and has a projected completion date of Spring 2017.

Connecting to City Water Tunnel No.3

New York City's water distribution infrastructure is aging and in need of repair and upgrades. To accomplish this, the City of New York began construction of the 3rd water tunnel in 1970. The next and final stage of this process is to connect the subsurface water distribution system to the 3rd water tunnel.

This project (ID Number MED609B) is one of eleven (11) such planned projects in Manhattan that will connect new shaft distribution chambers to City Tunnel No. 3. Upon completion of these chambers and the tunnel, the City will be able to activate sections of the new tunnel and begin rehabilitating City Tunnel Nos. 1 & 2.

Project Phasing

In order to minimize the impact of construction within the community, the DDC decided to stage the project in two (2) phases and focus work operations in each phase. This would require the contractor to concentrate work operations within a specific street segment and prohibit work operations from occurring simultaneously throughout the entire project area.

Project Scope / Project will include, but is not limited to

Trunk water mains
Distribution water mains
Some sewer rehabilitation
Utility upgrades
Street resurfacing and certain streetscape elements

Traffic Mitigation

In an effort to mitigate the impacts of traffic and maintain a consistent flow of traffic, the following measures will be in place throughout the project duration.

- Traffic Enforcement Agents (TEA's) will be assigned to key locations within the project limits
- Video Message Signs (VMS) will be installed in/around the construction area to alert and direct motorists
- Video Cameras will be installed to monitor traffic conditions and adjustments will be made as needed

Community Impacts

The DDC is committed to maintaining a work site that is safe and well kept. However, dust, noise and heavy equipment are common elements of construction and we ask for your patience during the project. Once construction work begins, there may be several active zones or work areas. As construction work moves from one area to the next, detours and closures may be necessary. However, deliveries to commercial and residential properties, along with emergency vehicle access will be allowed. Please be aware, read, and obey construction signs. During this work, DDC will make every effort to minimize disruption and inconvenience to residents, pedestrians, and businesses.

- **Parking** may need to be temporarily eliminated to facilitate construction. The DDC will provide advance notification when this occurs.
- **Street closures** and/or limited access signs will be posted in advance.
- **Pedestrian access** to buildings will be maintained at all times.
- **Driveway/loading dock access** may be temporarily interrupted in order to complete construction (coordination plan will be discussed as needed).
- **Public transportation** may be affected. Bus stops and/or bus routes may be relocated/detoured during the course of this construction. Signs and directions will be posted noting the changes.

Community Construction Liaison

In an effort to keep the community informed and identify and resolve any issues that may arise during construction, the DDC has assigned Sanchi Malhotra of AECOM USA, Inc. as the Community Construction Liaison (CCL). Please contact Sanchi Malhotra for all project related inquiries/concerns or to be added to the e-mail distribution list.

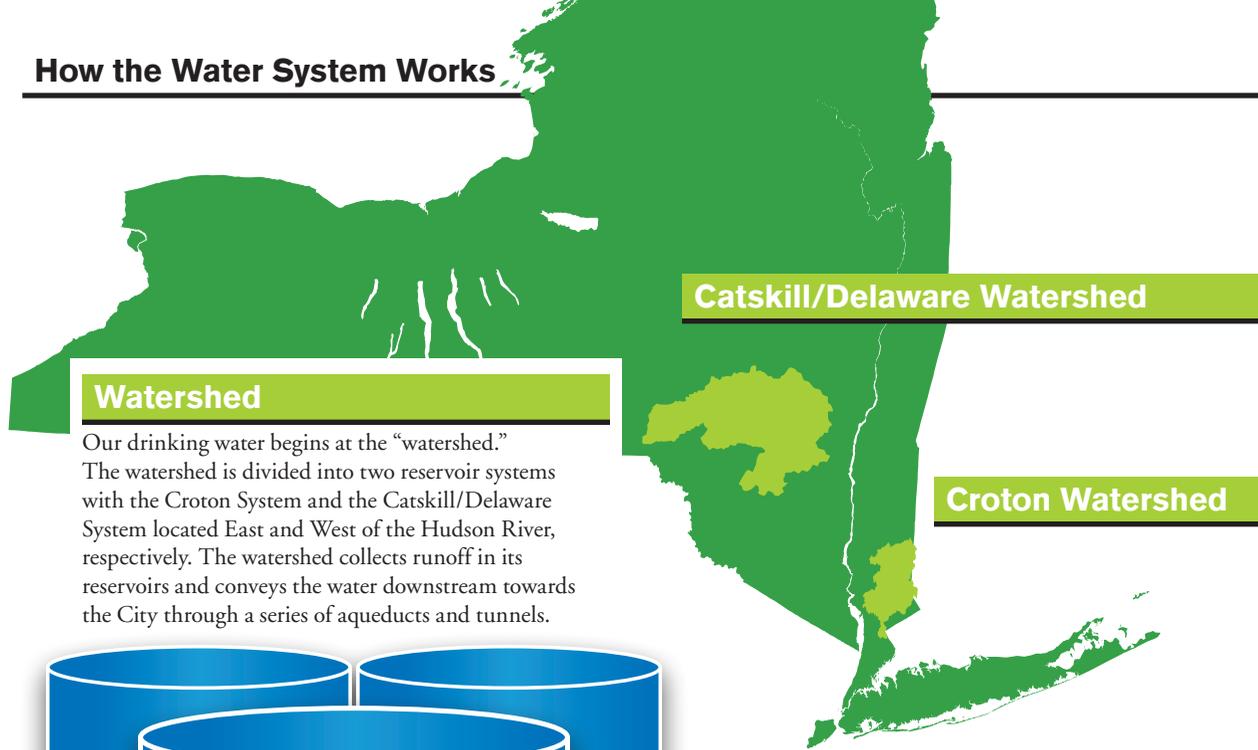
Sanchi Malhotra

646 738 4894 / W60thstreetCCL@gmail.com

333 W52nd Street 4th Floor, New York, NY 10019

If there is a concern during non-construction hours, please call the New York City Government Services and Information Hotline at 311. For more information, please visit the DDC web site at: www.nyc.gov/buildnyc.

How the Water System Works



Watershed

Our drinking water begins at the “watershed.” The watershed is divided into two reservoir systems with the Croton System and the Catskill/Delaware System located East and West of the Hudson River, respectively. The watershed collects runoff in its reservoirs and conveys the water downstream towards the City through a series of aqueducts and tunnels.

Catskill/Delaware Watershed

Croton Watershed

The Tunnel System

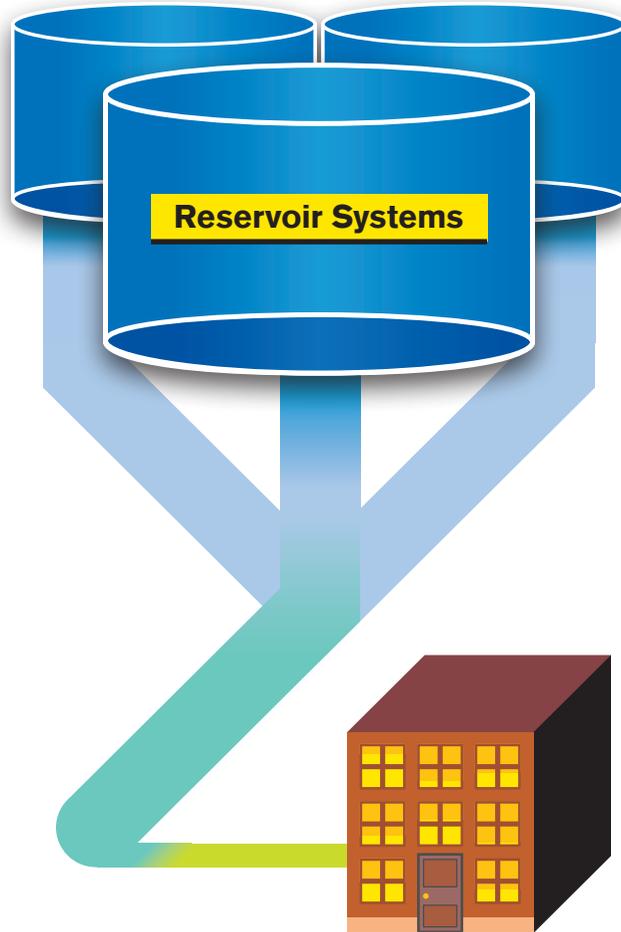
The Catskill/Delaware System uses a 3 tunnel system, City Tunnel Nos. 1, 2 & 3 (Number 3 is still under construction, to distribute water throughout the City. All tunnels, ranging in size from 12 to 20 feet in diameter, are cut into the bedrock deep below the City. These tunnels transmit water from a control reservoir located upstate down to the city. Once in the City, the tunnels connect to the trunk main system through shaft distribution chambers.

The Trunk Water Main System

The trunk water main system consists of about 650 miles of large steel pipe ranging in size from 24 to 84 inches in diameter. The tunnel system feeds the trunk main system through a series of shafts. The trunk water main system then feeds yet another system of smaller pipes. The smaller pipes are called distribution water mains.

The Distribution Water Main System

This system is the most extensive. The distribution water main system is composed of over 5,700 miles of pipe ranging in size from 20 inches down to as small as 6 inches in diameter. This system is found in nearly every City street. These mains bring fresh water directly to homes, apartments, businesses and consumers through even smaller service connections.



Typical Work Hours / Monday-Friday from 7:00 am to 3:30 pm.
The following are hours that the Contractor is allowed to work

7AM — 10PM / Monday — Friday (Allowable Hours)

8AM — 4PM / Saturday — Sunday

Property Damage Concerns

Under the terms of the contract, the Contractor is responsible for the repair of any proven property damage and restoration of the construction area, including sidewalks and curbs, to at least the condition that existed prior to the start of construction. As a protection for the City of New York and the property owners along the route of the construction, preconstruction pictures are taken. The contract requires the Contractor to maintain property damage and liability insurance coverage until the completion of all work. You are advised to inform the Contractor and the Resident Engineer in the first instance of any property damage you may have, and if the Contractor fails to respond within 10 days, you should inform the DDC Borough Director in writing. For more details, please contact the Community Construction Liaison. **IMPORTANT** If you believe the City is responsible, or if you wish to file a property damage claim with the New York City Comptroller’s Office, you must do so within 90 days of the occurrence. For information please contact the Community Construction Liaison.

Water Service Interruptions

During the course of this project, you may experience water service disruptions. Water may be discolored by sediment that has built up in the older pipes, including the service connection to the internal pipes in your building. Even if no construction is performed in front of your building the process of shutting down the old pipes can result in discoloration of the drinking water. If this occurs, run only cold water until it appears clear. If it is necessary for us to turn off your water service, you will receive written notice informing you by the afternoon of the day before service interruption. We suggest you store drinking water to have available in your home or business for the period that water service is suspended. Water service is always restored at the end of the workday. Be sure to turn off any open valves or faucets to prevent flooding when water service is restored. **NOTE** If your water service is not restored within three (3) hours of the time indicated on the Shut-Off Notice, please call the 311 Service Center.

Special Needs

Individuals with special needs who may be uniquely impacted by this project should contact the project’s Community Construction Liaison, as soon as possible, to make them aware of your situation. The DDC will work with you to attempt to minimize the inconvenience as much as possible.

HUDSON RIVER

SAMUEL N. BENNERSON 2ND
PLAYGROUND

JOE DIMAGGIO HWY

AMSTERDAM AVENUE

W 65th STREET

LINCOLN CENTER
PLAZA

W 61th STREET

DAMOSCH
PARK

WEST END AVENUE

DANTE
PARK

W 59th STREET

W 57th STREET

BROADWAY

CENTRAL PARK WEST

- Phase One
- Phase Two

Lincoln Center Area / Lincoln Square

Columbus Avenue, W60th to W61st and W62nd to W65th Streets

W60th St, West End Ave to Columbus Avenue

W61st St, Amsterdam Ave east to end of cul-de-sac

W62nd St, Amsterdam Avenue to Columbus Avenue

W63rd St, Columbus Ave to Broadway

West End Avenue, W60th to W61st Streets

Amsterdam Avenue, W59th to W62nd Streets

CENTRAL PARK

