

With the completion of the Croton Water Treatment Plant (Plant) and its off-site projects at the Jerome Park Reservoir (JPR), the NYC Department of Environmental Protection (DEP) began the deconstruction and new construction work inside JPR due to years of neglect.

The *Lloyd Report* and Recommendations of the Jerome Park Reservoir Access Working Group (Lloyd Report) recommended in March 2011 a pilot program to Bronx Borough President Ruben Diaz, Jr. Said *Lloyd Report* described JPR's function after the Croton Water Filtration Plant is in operation on page 3¹, that when "the Croton Filtration Plant is operating, un-treated ("raw") water from the New Croton Reservoir will flow into JPR, where it will be detained prior to being sent to the Plant for filtration and disinfection" allowing "additional settling of raw water treatment and ... the JPR to serve the Croton Filtration Plant as a "surge tank," protecting the Plant from unexpected pressure surges."

¹ How will JPR function after the Croton Water Filtration Plant is in operation?

When the Croton Filtration Plant is operating, untreated ("raw") water from the New Croton Reservoir will flow into JPR, where it will be detained prior to being sent to the Plant for filtration and disinfection. Detention in the JPR basins will allow additional settling of raw water prior to treatment and it will also allow the JPR to serve the Croton Filtration Plant as a "surge tank," protecting the Plant from unexpected pressure surges. Although all water released for in-city distribution will go through the Croton Water Filtration Plant, JPR will continue to serve one of its primary purposes even after the Plant is in operation -- storing water and managing the volume of the Croton supply directed into treatment and distribution.

Following treatment, treated ("finished") water will leave the Croton Filtration Plant via a newly constructed tunnel that flows back toward, but does not surface in, the JPR basins. Treated water will enter the distribution system via new shafts and chambers constructed underneath and adjacent to the JPR site. The function of several JPR Gate Houses will change after the Croton Filtration Plant is in operation: the feed to the East Bronx from Gate House 5 will be terminated; Gate House 7 will be taken off line; and Gate House 5 will continue to be manned to monitor JPR operations.

In an emergency, if the Croton Filtration Plant were shut down, raw water would continue to flow into JPR.