



Bloomfield

East Hartford

Hartford

Newington

Rocky Hill

West Hartford

Wethersfield

Windsor



The MDC's Tom Tyler, Assistant Manager of Water Treatment, looks at treated waste water.

A Natural Way to Protect a Natural Resource

The Hartford Water Pollution Control Facility interim Biological Nutrient Removal (BNR) control system for the reduction of nitrogen in the sewage has just been completed at a cost of approximately \$5 million. This construction, following similar facility improvements at the East Hartford facility, is the first step in meeting the MDC's state requirement to reduce nitrogen to improve Long Island Sound.

Nitrogen, which is present in many forms in sewage including ammonia, when discharged to Long Island Sound acts as a nutrient to algae in the Sound producing high algal growths. As the algae

die and decay, oxygen in the water is consumed, causing very low or no dissolved oxygen in the portions of the Sound needed to support other aquatic life. Nitrogen reduction is a critical component of facility improvements under the Clean Water Project to meet the statewide reduction levels permitted for 2014.

The process changes completed are expected to reduce the total discharge of nitrogen by approximately 2000 pounds per day from about 6000 pounds per day, a great first step in our overall goal of reducing the nitrogen discharged to 2377 pounds per day to the Connecticut River from Hartford.

The MDC's Strategic Plan, "A new horizon for a century of vision."

Commissioner's Corner



P.J. "Bud" Salemi,

Water Bureau Chair, Commissioner since 1989

With nearly 20 years on the Board and a lifelong career in Design and Construction, Salemi believes the MDC is the premier public works agency in Connecticut, consistently moving a century-old vision forward by matching a history of engineering excellence, a dedicated workforce and cutting-edge technology.

"Tomorrow's greatest challenge for the District and its member towns is as simple as making a century-old infrastructure continue to deliver clean water to hundreds of thousands of people."

DID YOU KNOW?

The MDC has its own expert logging crew that is specially trained to harvest trees in watershed areas that are environmentally sensitive.





Meeting and Greeting the Community

The MDC participates in numerous community events each year as a public outreach service. For the past eight years, Sheila Frederick has been a “welcoming face of the MDC” at many of these events. She is a 24-year veteran at the MDC, working as an administrative clerk in the Operations Department. Sheila has a great ability to communicate with the public, and readily offers up her time on weekends to work at these events. We appreciate her time and dedication to the District!

The Clean Water Project Update

Community Meetings to begin in Upper Albany

The MDC’s Clean Water Project (CWP) will begin construction in the Upper Albany area of Hartford in the spring of 2009. The Upper Albany area includes Route 44, Granby, Edgewood and Burton Streets. These sewer separation projects will greatly reduce water backups into homes and streets, along with improving sewer function.

Understanding that these projects may impact the daily activities of residents, businesses and commuters, keeping YOU informed is an essential component to the success of these projects.

Prior to the start of construction, the MDC will conduct community outreach meetings. These meetings will be held at convenient neighborhood locations where projects are scheduled to occur. We will coordinate and communicate with residents, emergency services, school bus routes, and others to prepare ourselves as we move forward. The MDC encourages residents to attend these meetings to meet the project managers and to share comments and ideas about the work planned for your neighborhood. Direct mailings will be sent to residents in each project area. Below is a list of upcoming meetings:

Project	Date	Time	Location
Granby Street Area Sewer Separation	October 9, 2008	6:00 p.m.	Sarah J. Rawson Elementary School, 260 Holcomb Street- Hartford
Burton Street Sewer Separation	October 15, 2008	6:00 p.m.	Community Health Services, 500 Albany Ave - Hartford
North Tower Avenue Area Storm Sewer and Water Main Construction	October 20, 2008	6:00 p.m.	Vibz’s Uptown Flava Banquet Hall, 3155 Main Street- Hartford Group: Hartford Northeast NRZ



NACWA Honors MDC’s Environmental Achievements

The MDC received three Silver “Peak Performance” Awards from the National Association of Clean Water Agencies (NACWA) for its East Hartford, Hartford and Poquonock Water Pollution Control Facilities. These awards recognize the MDC’s National Pollutant Discharge Elimination System permit compliance for 2007. Ken Kirk, NACWA executive director, said the MDC is an “outstanding example of environmental efforts.”



WHO’S WHO ON THE CLEAN WATER PROJECT

In the spring of 2008, Thomas Robbins joined the Program Management Unit as a project engineer. Tom brings more than 10 years of engineering experience to the MDC’s Clean Water Project. Additionally, he is a former U.S. Navy submarine officer, and taught chemistry and physics at the Naval Academy Preparatory School in Newport, R.I. for seven years.