



MDC's Vegetation Management Program



MDC Collection System (Newington)

- Total Mileage = 130 miles
- Total Quantity within Easements = 34 miles
- Required Length of Easement Clearing = 21 miles
- Easement Sewers (shown on next map in **yellow**):
 - Ages of Install: Primarily between 1960 and 1970 (46%)
 - Pipe Materials: Primarily PVC/Concrete/CIPP Lined (72%)



1 inch equals 2,000 feet

- Index Map
- Sewer Mains in Easements
- Newington Town Boundary

Total Footage in:
Easements: 10,472'
Natural Diversity Areas: 13,125'
Wetlands: 12,630'
100 Year Flood Limit: 25,000'

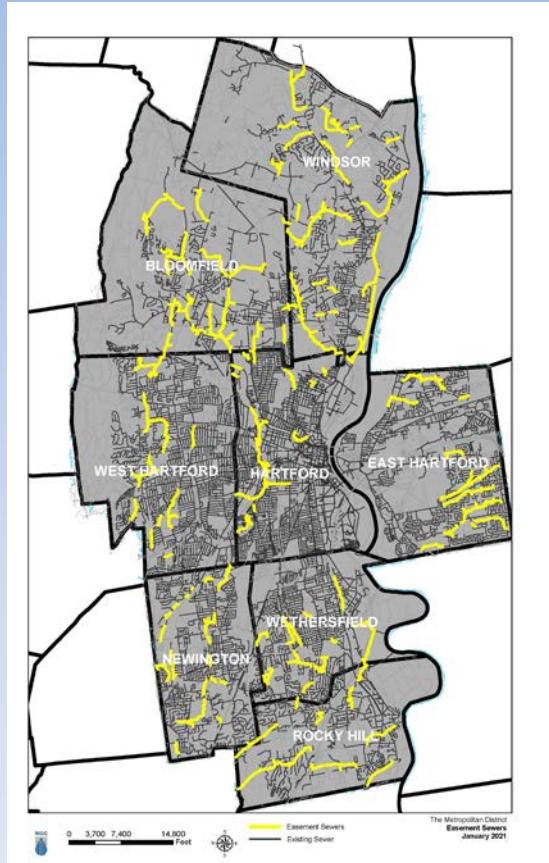


Program Drivers

- MDC Consent Decree (August 2006)
- Capacity, Management, Operation & Maintenance (CMOM)
 - Primary Objective is elimination of Maintenance Related Sanitary Sewer Overflows
 - Identification of Inflow/Infiltration sources
 - Typical CMOM Activities
 - Sewer Inspection via Closed Circuit TV (CCTV)
 - Manhole Inspections
 - Sewer Cleaning
 - Sewer Lining
 - Structural and/or Infiltration/Inflow (I/I)
 - MDC has CCTV Inspected approximately 92% of entire collection system
 - Remaining 8% is primarily sewers in “cross-country” areas

MDC Easement Clearing Program

Town	Total Length (LF)
Bloomfield	97,986 (Completed)
East Hartford	66,195 (Completed)
Hartford	55,815
Newington	51,322
Rocky Hill	59,133 (Completed)
West Hartford	54,263
Wethersfield	59,173
Windsor	132,266 (Completed)
Total (LF)	576,153
Total (miles)	109.1





Easement Program



Easement CCTV Set-up

- Increased accessibility to remote locations
 - MDC Purchased UTV & Closed Circuit TV (CCTV) Equipment and began use in 2019
 - Very small footprint and high maneuverability
 - Requires 12'-15' wide clearing within existing 20' sanitary sewer easements



Example Map Area



200
US Feet
1 inch equals 200 feet

Affected Parcels*
Natural Diversity
Areas for Endangered
or Threatened Species

Critical Wildlife
Habitat
Upland Review Area
Wetlands

Sewers for Easement
Clearing
Manhole
Sewer Main

Easement Clearing Status
To be Cleared

The Metropolitan District
Hartford, CT
Newington Easement Clearing Needs
Page 11

December 2023

Typical Easement Clearing Sequence

- MDC sends notifications to property owners and abutters of pending easement work
- MDC personnel completes initial survey to locate Sanitary Sewer Manholes and lines of site
- MDC Contractor conducts assessment on each “Map Area”. Assessments include:
 - Site Access Locations
 - #/Type of Properties
 - Stream Crossings
 - Unique Features (i.e. fences, structures, or steep grades)
 - Quantity of Larger Trees (12” and greater)
 - Duration of Work
- MDC notifies property owners via door hanger in advance of work
- Contractor completes clearing in phases:
 - Initial clearing and cutting of debris
 - Primarily Hand Cutting
 - Small Equipment for Chipping and Stump Grinding/Cutting
 - Flush cutting of stumps
 - Seeding
 - Selective Herbicide application for invasive plant species

Example Outreach Notifications

Property Owner Notification



November 22, 2023

RE: Easement (Sewer) Clearing

Dear Owner/Current Occupant:

The Metropolitan District (MDC), with their contractor, Lavoie Horticulture, will be initiating a project in your neighborhood to perform preventative maintenance on a critical easement that crosses your property. To create and maintain access to our sewer pipe, located in the right of way, it is necessary that crews clear brush, debris and trees (as needed) to maintain access.

During the beginning phase of the project, surveyors may be seen walking the easement as they mark the area(s) intended for clearing. **Survey work is anticipated to begin in the next 2-3 weeks in most areas**, followed by tree and debris clearing work which is scheduled to begin next spring. Additional notification will be provided in advance of the tree/debris clearing work.

In the event that trees, fences or structures need to be removed or relocated due to the clearing, MDC staff will meet with each property owner affected to discuss our plan and address any concerns.

The clearing work is expected to last approximately 14 working days, weather permitting. Work hours are Monday through Friday, 7:30 AM to 5:00 PM. MDC Staff and contractors must be properly identified and present ID upon request.

Further notifications may be distributed as work progresses. If you have questions or concerns, please contact me at (860) 278-7850 ext. 3387 dagibson@themdc.com.

Sincerely,

The Metropolitan District

Daron C. Gibson
Construction Manager

cc: Communications

Abutter Owner Notification



November 22, 2023

RE: Easement (Sewer) Clearing – Abutter's Notice

Dear Owner/Current Occupant:

The Metropolitan District (MDC), with their contractor, Lavoie Horticulture, will be initiating a project in your neighborhood to perform preventative maintenance on an easement in areas that abut your property. No work is planned on your property. To create and maintain access to our sewer, located in the right of way, it is necessary that crews clear brush, debris and trees (as needed).

During the beginning phase of the project, surveyors may be seen walking the easement as they mark the area(s) intended for clearing. **Survey work is anticipated to begin in the next 2-3 weeks in most areas**, followed by tree and debris clearing work.

The clearing work is expected to last approximately 14 working days, weather permitting. Work hours are Monday through Friday, 7:30 AM to 5:00 PM. MDC Staff and contractors must be properly identified and present ID upon request.

Further notifications may be distributed as work progresses. If you have questions or concerns, please contact me at (860) 278-7850 ext. 3387 or dagibson@themdc.com.

Sincerely,

The Metropolitan District

Daron C. Gibson
Construction Manager

Cc: Communications

Pre-Work Door Hanger



Easement Clearing to Begin in Your Neighborhood

This is a reminder that the **Metropolitan District (MDC)** and their contractor will be starting work to perform preventative maintenance on a critical easement (right of way) that crosses your property.

To create and maintain access to our sewer pipe, located in the right of way, it is necessary that crews clear brush, debris and trees (as needed) to maintain access and thus maintain our sewer.

In the event that trees, fences or structures need to be removed or relocated due to the clearing, MDC staff will meet with each property owner affected to discuss a plan and address any concerns.

The clearing work is expected to last approximately 30 working days, weather permitting. Work hours are generally Monday through Friday, 7:30 AM to 5:00 PM. MDC Staff and contractors will be properly identified and shall present ID upon request.

If you have questions or concerns, please contact **Daron Gibson, Construction Manager**, at (860) 278-7850 Ext. 3387 or dagibson@themdc.com.

Thank you.

Current progress as of April 2024

- Completed maps 9, 18, 21, 25, 36
- Maps 10 and 16 are 90% complete
- Continue survey, assessments, clearing and seeding work through 2024.