



Memorandum

To: Graham Stevens, CT DEEP
Co-Chair Senator Rick Lopes, CT Legislature Committee on the Environment
Co-Chair Representative Joseph P. Gresko, CT Legislature Committee on the Environment
Co-Chair Representative Eleni Kavros DeGraw, CT Legislature Committee on Planning & Development
Co-Chair Senator MD Rahman, CT Legislature Committee on Planning & Development

From: Susan Negrelli, P.E., MDC

Date: August 30, 2024

Re: **MDC Public Act No. 23-204 / House Bill No. 6941 Monthly Report – July 2024**

cc: Scott Jellison, P.E., MDC
Chris Levesque, P.E., MDC
Michael Curley, P.E., MDC
Jason Waterbury, P.E., MDC
Mary Manning, P.E., MDC
Dave Rutty, MDC
Todd Cormier, MDC
Jason Bretemps, MDC
Nisha Patel, CT DEEP
Ivonne Hall, CT DEEP
Stacy Pappano, CT DEEP
Ann Straut, CT DEEP

The purpose of this memorandum is to provide a monthly report to CT DEEP and the State General Assembly's Environment Committee and Planning and Development Committee on the below three items:

- a description of any repairs and improvements begun or completed in the previous month under the program developed pursuant to this section;
- an itemized accounting of expenditures relating to such repairs and improvements; and
- a list of any repairs and improvements that the District has begun but has been unable to complete due to permitting issues, and the nature of any such issues.

The initial report submitted on January 31, 2024 includes a detailed description of the scope of all projects anticipated to be undertaken pursuant to the program and an estimated schedule for commencement and completion of each project. After submitting such initial report, the District shall not be required to submit a report for any month in which it did not undertake repairs or improvements pursuant to such program.

July 2024 Report:

As shown on **Table 1**, attached, for the month of July 2024, the District completed the following improvements to its existing collection system and private property assets in the Hartford sewer shed:

- 7,096 LF of CIPP mainline rehabilitated combined or sanitary sewers
- 30 top hats installed, rehabilitating the connection point between a house connection (“sewer lateral”) and the mainline sewer
- 18 Point Repairs (performed by District Operations crews)
- 757 sewer laterals inspected
- 7 sewer laterals replaced
- 11 storm laterals connected
- 6,479 LF of sewer laterals rehabilitated with a CIPP liner, representing 183 properties
- 39 properties with surcharge protection devices installed (i.e. backwater valves, sump pumps, etc.)
- 31 properties where internal inflow was disconnected from the sewer lateral for surcharge protection

As shown on **Table 1**, attached, during the month of June, the District expended \$5,185,520 on collection system and private property improvements that will benefit the residents of Hartford. It should be noted that this value is expenditures paid, and due to invoicing schedules, does not directly correlate to work performed in July 2024. Costs presented do not include internal costs associated with the District’s Program Management Consultant, District Labor, or costs associated with repairs completed by District Operations Crews. Additionally, expenditures on the South Hartford Consolidation and Storage Tunnel (Contracts 2, 3, and 5) are not included.

As of July 31, 2024, the District is currently waiting for 122 permit approvals for work that will protect residents from sewer/stormwater backups and remove excess flows from the system. The removal of this excess stormwater or groundwater from connections to the District’s collection system is a key component in reducing surcharges in the District’s collection system. **Table 2**, attached, summarizes the private property permits that are pending municipal approval.

The July report mentioned that District was experiencing delay and issues for our Contractors to complete work in the City of Hartford. The issues with the permits are predominately for sump pumps and their respective discharge points. Even when private property sewer separation is complete, without sump pumps, homes will continue to flood from, not District sewer back-ups, but from storm/ground water entering their homes from foundation drains and/or roof gutter drains connected to the property's interior sewer plumbing within the basement.

There is an expectation from all that when the District completes the \$170 million dollars of Clean Water/Integrated Plan project separation work, properties will be protected not just from sewer backups but storm water as well. The District is working with the City of Hartford's Planning and Zoning, Licenses and Inspections and Development Services to resolve this issue. The District has met with the City and continues to work to resolve these issues/outstanding permits.

For additional information regarding the specifics of individual projects, please refer to the District's website at <https://themdc.org/>.



Table 1: Summary of Repairs, Improvements, and Expenditures
Public Act No. 23-204 / House Bill No. 6941 Monthly Report for
July 2024 Activities

| Project | District Operations Staff | On-Call Sewer/Paving Program Coordination | Tower Avenue Area (NM-2/3/4) Sewer Rehabilitation | Sewer Rehabilitation in Gully Brook Area (2021B-23) | Sewer Rehabilitation in Bloomfield & NBPR Area (2022B-07) | NBPR Area Sewer and Lateral Rehabilitation/Repair (2023B-60) | North Meadows Area Sewer & Lateral Rehabilitation/ Repair (2023B-62) | Backwater Valve/Private Property Inflow Disconnection | House Connection Program | Total |
|---|---------------------------|---|---|---|---|--|--|---|--------------------------|--------------|
| <i>Mainline CIPP (LF)</i> | 0 | 0 | 0 | 0 | 0 | 7,096 | 0 | 0 | 0 | 7,096 |
| <i>Tophat (EA)</i> | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| <i>Sewermain removal and replacement (LF)</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Sewer lateral replacement (EA)</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 |
| <i>Sewer laterals inspected (EA)</i> | 0 | 76 | 0 | 0 | 0 | 536 | 89 | 56 | 0 | 757 |
| <i>Sewer lateral lining (EA)</i> | 0 | 141 | 41 | 0 | 0 | 0 | 0 | 0 | 1 | 183 |
| <i>Sewer lateral lining (LF)</i> | 0 | 4,775 | 1,697 | 0 | 0 | 0 | 0 | 0 | 7 | 6,479 |
| <i>Point repairs (EA) **</i> | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| <i>New storm main (LF)</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| <i>New storm lateral (EA)</i> | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Backwater valve/surcharge protection (# of properties)</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 39 |
| <i>Private property internal disconnect (# of properties)</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 31 |
| Expenditures | \$0*** | \$1,957,085 | \$120,399 | \$669,816 | \$0 | \$1,172,110 | \$372,043 | \$884,663 | | \$5,185,520* |

* Note that an additional \$9,405 was expended on Contract 2023B-12 to process invoices that were generated after substantial completion of the project, and therefore they have been included in the Total above

**As of April 1, 2024, only point repairs where subsequent CIPP is not performed on the sewer will be reported

***Cost for this work is internal District costs and therefore not included



**Table 2: Pending Private Property Permits
Public Act No. 23-204 / House Bill No. 6941 Monthly Report for
July 2024 Activities**

| Town | Number of Permits Pending Approval |
|---------------|------------------------------------|
| Bloomfield | 0 |
| Hartford | 101 |
| Newington | 0 |
| West Hartford | 20 |
| Windsor | 1 |
| Total | 122 |