



The Metropolitan District

water supply · environmental services · geographic information

**DISTRICT BOARD
555 MAIN STREET, HARTFORD, CT
REGULAR MEETING
MONDAY, AUGUST 7, 2023 5:30 PM**

The general public is welcome to call into the meeting. Everyone on the call will need to mute their phone to limit background noise disrupting the meeting.

Dial in #: (415)-655-0001; Access Code: 2306 220 8965#

[Meeting Video Link](#)

1. MEETING CALLED TO ORDER
2. ROLL CALL
3. PLEDGE OF ALLEGIANCE
4. APPROVAL OF MEETING MINUTES OF JULY 12, 2023
5. PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS
6. REPORT FROM DISTRICT CHAIRMAN
7. REPORT FROM CHIEF EXECUTIVE OFFICER
8. REPORT FROM DISTRICT COUNSEL
9. DISCUSSION RE:
 - A. GENERAL DESCRIPTION OF STORMWATER ISSUE BOTH WITHIN THE CITY OF HARTFORD AND REMAINING MEMBER TOWNS (EXAMPLES ATTACHED)
 - B. IMMEDIATE AND LONG TERM MEASURES WITHIN THE MDC SEWER SYSTEM TO ADDRESS IMPACTS OF STORMWATER
 - C. STORMWATER INFRASTRUCTURE IMPROVEMENTS NECESSARY TO PROVIDE LONG TERM RELIEF FROM EXCESS STORMWATER
 - D. EXISTING AND POTENTIAL FUNDING SOURCES
 - E. IMPLEMENTATION AND OUTREACH OF MDC'S HOUSE CONNECTION, BACK WATER VALVE AND SEWER SEPARATION PROJECT
10. REPORT RE: STAFF RESPONSE TO LETTER FROM COMMISSIONERS HOLLOWAY AND TORRES DATED JULY 19, 2023 (SEE ATTACHED)
11. OPPORTUNITY FOR GENERAL PUBLIC COMMENTS
12. COMMISSIONER REQUESTS FOR FUTURE AGENDA ITEMS
13. ADJOURNMENT



Summary of July 2023 Rain Events

July 4th Rain Event (>100 Year Storm)

Rain Gauge Data (SBPR Gauge):

- **Total Rainfall = 2.52"**
- Total Time = 2 hour
- ARI Calculations:
 - Peak 15 Minute Interval = 0.90" = 8-year event
 - Peak 30 Minute Interval = 1.69" = 33-year event
 - Peak 45 Minute Interval = 2.29" = Greater than 100-year event
 - Peak 1 Hour Interval = 2.32" = 30-year event
 - Peak 2 Hour Interval = 2.52" = 29-year event

Flooding Observations:

- The District received 34 calls from customers regarding storm complaints, of which 12 were related to surcharged sewers, and 4 calls were related to street flooding in the Granby St. Area.
- District personnel observed several catch basins after the storm that were covered in debris that likely contributed to street flooding in this area. This street flooding would be decreased with a more robust City street cleaning program.
- The District did not receive any calls for flooding on Albany Avenue, which coincides with increased City street sweeping in this area.
- District personnel observed street flooding in several other Member Towns in this event, including: Newington, Wethersfield, and West Hartford.

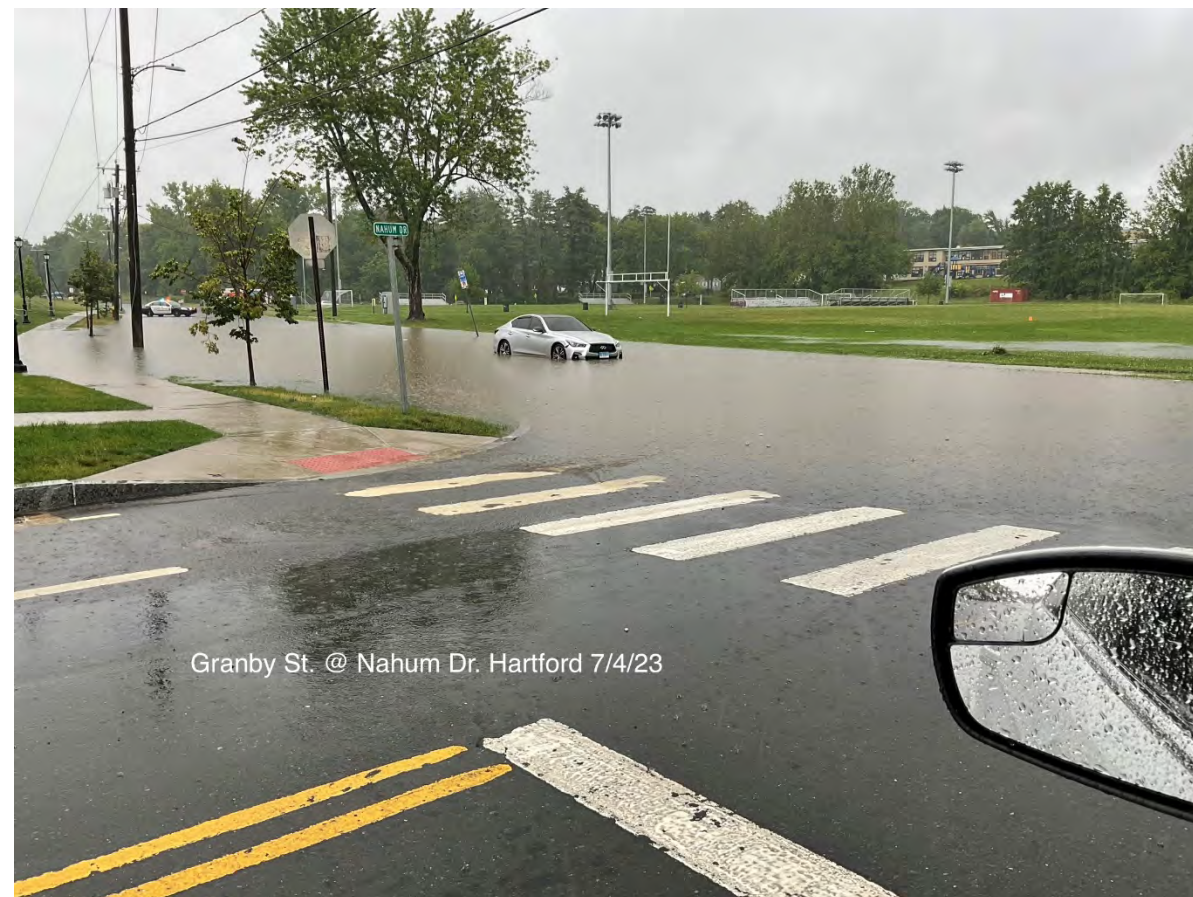


Sample Pictures of Flooding – Upper Albany Area





Sample Pictures of Flooding – Granby Street Area





Sample Pictures of Debris Clogged Catch Basins – Granby Street Area







July 16th Rain Event (35 Year Storm)

Rain Gauge Data (Maxim Rd Gauge):

- **Total Rainfall = 1.91"**
- Total Time = 1 hour
- ARI Calculations:
 - Peak 15 Minute Interval = 0.72" = 2-year event
 - Peak 30 Minute Interval = 1.35" = 11-year event
 - Peak 45 Minute Interval = 1.71" = 35-year event
 - Peak 1 Hour Interval = 1.91" = 12-year event

Flooding Observations:

- The District received 51 calls from customers regarding storm complaints, of which 16 were related to surcharged sewers, and 5 calls were related to street flooding (north, southwest, downtown sections of Hartford)
- District personnel observed several catch basins after the storm that were covered in debris that likely contributed to street flooding. This street flooding would be decreased with a more robust City street cleaning program.
- The District did not receive any calls for flooding on Albany Avenue, which coincides with increased City street sweeping in this area.
- District personnel observed street flooding in several other Member Towns in this event, including: Newington, Wethersfield, and West Hartford.

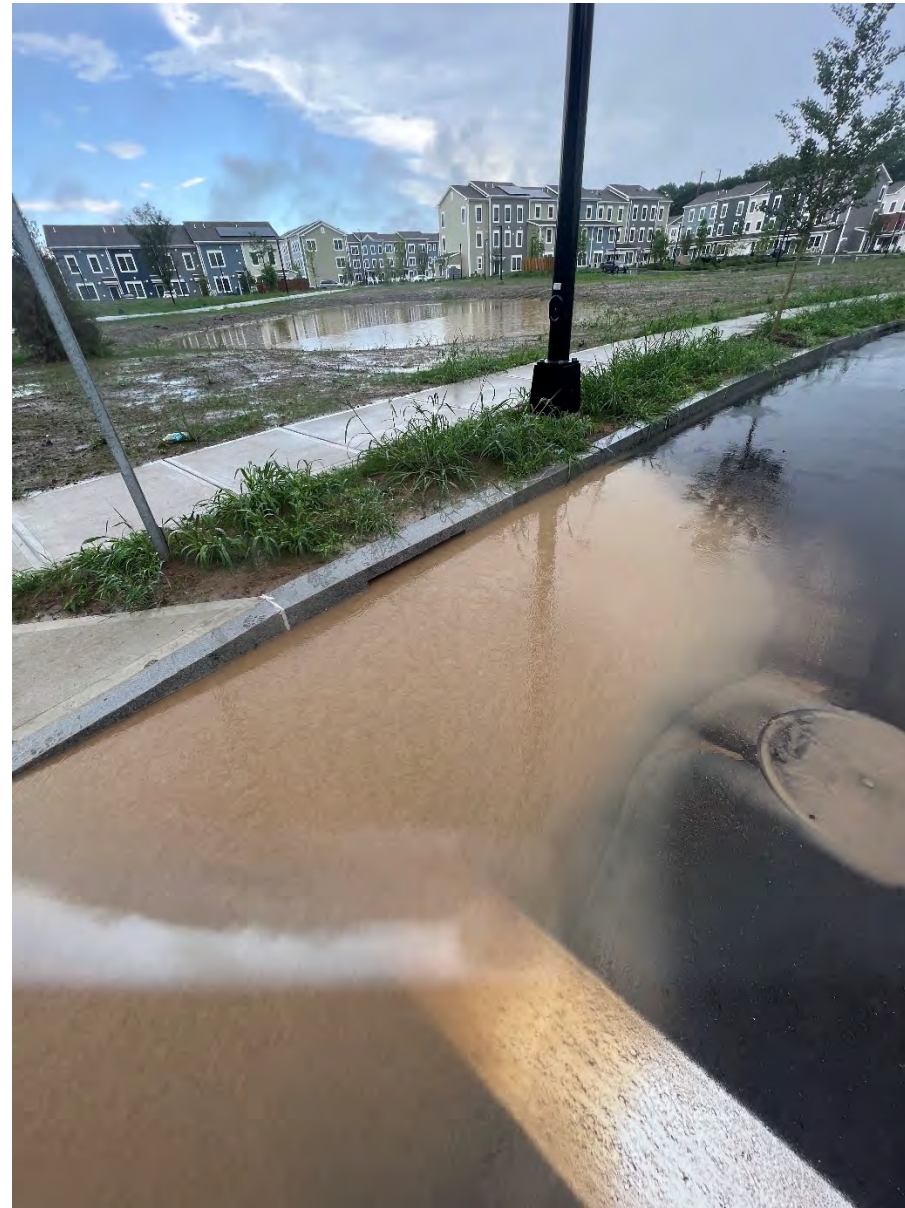


Sample Pictures of Flooding – Dart Street & Granby Street Area





Sample Pictures of Flooding – Mark Twain Drive Area





Sample Pictures of Flooding – West Hartford





Sample Pictures of Flooding – West Hartford (Route 189 – Bloomfield Avenue)





July 21st Rain Event (>100 Year Storm):

Rain Gauge Data (Maxim Rd Gauge):

- **Total Rainfall = 2.53"**
- Total Time = 1 hour
- ARI Calculations:
 - Peak 15 Minute Interval = 1.08" = Less than 25-year event
 - Peak 30 Minute Interval = 1.83" = 50-year event
 - Peak 45 Minute Interval = 2.42" = Greater than 100-year event
 - Peak 1 Hour Interval = 2.53" = Less than 50-year Event

Flooding Observations:

- The District received 28 calls from customers regarding storm complaints, of which 10 were related to surcharged sewers, and 7 calls were related to street flooding (mostly in southern Hartford) – see photos
- District personnel observed several catch basins after the storm that were covered in debris that likely contributed to street flooding. This street flooding would be decreased with a more robust City street cleaning program.
- District personnel observed street flooding in several other Member Towns in this event, including: East Hartford, Newington, and Wethersfield. Additionally, flooding was noted on multiple State Roads in the area, including I-91.



Sample Pictures of Flooding – Franklin Avenue Area





Sample Pictures of Flooding – Behind the Rocks Neighborhood & South Meadows





Sample Pictures of Debris Clogged Catch Basins – Franklin Avenue Area





Sample Pictures of Debris Clogged Catch Basins – Franklin Avenue & Hillside Avenue



Sample Pictures of Debris Clogged Catch Basins – Franklin Avenue Area



To: Chairman William A. DiBella, Metropolitan District Commission

From: Commissioner Georgiana Holloway

Commissioner Calixto Torres

Date: July 19, 2023

Re: QUESTIONS TO THE CEO RELATING TO THE COMMISSIONERS' CONCERNS ABOUT THE MDC'S
FLOODING MDC ISSUES AND THE PROPOSED PLAN (OR PROJECT) TO RESOLVE THE SAME.

The flooding of streets, homes, and businesses in various sections of the MDC is a consequence, among other things, of an antiquated sewer system that cannot accommodate the increased flows of storm water and sewage in a timely fashion. Climate change driven rainstorms of either a high intensity during a short duration or a stalled low intensity over a longer time have resulted in intense social and political pressures to solve the flooding problems. In addition, population growth and the accompanying development have also placed additional pressures on the antiquated sewer system.

Regulatory/environmental issues cannot be ignored in terms of their impact upon the flooding issue. In fact, the controversy surrounding the flooding issue rarely seems to be discussed in a manner that is fully understood in its totality by many, if not most, of our constituents. Even if the opposite were true, one is left with the underlying subject of all controversy, the antiquated sewer system.

More specifically, it would seem the sewer system's maximum capacity would be important in terms of how much water it can manage without flooding, and if its maximum capacity is exceeded, where would the flooding take place. In the alternative, if the flooding is reduced or eliminated, what is to be done, where, how, who is to do it, how long will it take, and how is it to be financed.

We feel, as Commissioners, that we have an obligation to provide our constituents with as clear an assessment of the technical, social, and economic aspects of this problem if we are to resolve this problem in a manner that minimizes the damage and maximizes the benefits at the least costs, both financial and human.

We are aware of the magnitude of the financial resources that must be marshalled, to remedy the problem and we are concerned that our constituents participate in the growth and development opportunities that such resources have provided to others in the past.

We understand that we (including our constituents) are not the only parties of interest in this matter, but we feel that we cannot not be acting in situation of confusion, anger, and misinformation unless we have developed a better picture of what we, the MDC, are about and wants to accomplish. We are also concerned that our constituents be treated fairly and share, equitably, in the benefits of this program as we move forward.

As relates to the same, we have prepared the below questions that we, as MDC Commissioners, are addressing to Scott Jellison for answers and clarification where warranted. We would request that you, as Chairperson, call a special meeting of the District Board where, as a single agenda item, Scott, after an appropriate period of preparation, would answer our questions and those that may arise from other commissioners or other sources.

QUESTIONS RELATING TO MDC FLOODING ISSUES

1. From an engineering standpoint, what is the status of the MDC's sewage system and its ability to handle in-flows and out -flows of water?
2. Why is there flooding within the MDC's sewage system?
3. Where is the flooding within the MDC's sewage system?
4. Can any specific member towns and/or specific neighborhoods or districts in the same be identified as subject to regular flooding?
5. What can be done to provide mapping and graphic representations of how the sewage system works, including in an individual and typical building (residences, business, etc.). Could the same be updated to provide to provide a visual record of progress made or emerging problems?
6. What would be required to eliminate (or substantially reduce) the flooding issue within the MDC's sewage system? In any effected member town and/or an effected neighborhood or district of the same?
7. What new engineering/design standards would be incorporated into the elimination of the flooding issue?
8. What would be the timeframe for the elimination (or substantial reduction) of the flooding issue

within the MDC's sewage system?

9. What can be done in the short term to moderate or eliminate flooding risks and/or to moderate or eliminate consequent damage to property? Medium term?

10. Where is the financing for all this activity coming from? What funds are to be used and is there a limit on the amounts and availability?

SECOND GROUP OF QUESTIONS RELATING TO MDC FLOODING ISSUES

1. What are the construction standards for the private property work we will be involved in?

2. Who will be responsible and available to property owners while the work is being contracted for and carried out?

3. How is the private property work to be contracted for and how will the work be priced?

4. Who will be eligible to do the private property work and how will eligibility be determined?

5. How will contractors from district towns and minorities and women from the same participate in the private property work? Who will handle outreach and recruitment? How will the work be allocated?

6. Who will handle/approve changes or special conditions in the private property work?

7. Who will recruit and train the proportion of the workforce that will be community-based?

8. How will community be defined? Hartford, the District, or what?

9. Does the MDC staff possess the range of skills and knowledge to work within various communities, especially the various minority communities.

10. What are the standards to be used in compensating parties for real and personal property damages?

11. Does the community have different expectations in terms of compensation for real and personal property damage?

12. What community groups or organizations have been (or will be) players in this process and must be consulted or dealt with in this matter?

13. Under the proposed MDC Program, what are the physical changes that will be made to a District

House's rain leaders and sanitary sewer connections? What is the impact of these changes on the day-to-day living in such a house? For example, what is the impact of the installation of a backflow valve? Will a sump pump be installed? How many of each are projected to be installed and at what cost? Will the installation of the backflow valve and the sump pump prevent any flooding and if not, will they moderate any such flooding?

THE METROPOLITAN DISTRICT COMMISSION

555 Main Street
Hartford, Connecticut 06103
Wednesday, July 12, 2023

PRESENT: Commissioners John Avedisian, Clifford Avery Buell, Donald Currey, Dimple Desai, William A. DiBella, David Drake, John Gale, Peter Gardow, Allen Hoffman, Jean Holloway, Gary Johnson, Diane Lewis, Jacqueline Mandyck, Dominic Pane, Jon Petoskey, Pasquale J. Salemi, David Steuber and Alvin Taylor (18)

REMOTE

ATTENDANCE: Commissioners Joan Gentile, Christian Hoheb and Mary LaChance (3)

ABSENT: Commissioners Andrew Adil, Kyle Anderson, John Bazzano, Richard Bush, James Healy, Byron Lester, Maureen Magnan, Michael Maniscalco, Bhupen Patel, Calixto Torres, James Woulfe and New Britain Special Representative Michael Carrier (12)

ALSO

PRESENT: Scott Jellison, Chief Executive Officer
Christopher Stone, District Counsel
John S. Mirtle, District Clerk
Chris Levesque, Chief Operating Officer
Kelly Shane, Chief Administrative Officer
Robert Barron, Chief Financial Officer
Jamie Harlow, Director of Human Resources (Remote Attendance)
Robert Schwarm, Director of Information Technology
Sue Negrelli, Director of Engineering
Dave Ruddy, Director of Operations
Michael Curley, Manager of Technical Services
Jason Waterbury, Senior Project Manager
Jeff King, Construction Manager
Carrie Blardo, Assistant to the Chief Executive Officer
Julie Price, Executive Assistant
Dave Baker, IT Consultant (Remote Attendance)
Joseph Szerejko, Independent Consumer Advocate (Remote Attendance)

CALL TO ORDER

The meeting was called to order by Chairman DiBella at 5:46 PM

ROLL CALL AND QUORUM

The District Clerk called the roll and informed Chairman DiBella that a quorum of the Commission was present, and the meeting was declared a legal meeting of the District Board of The Metropolitan District of Hartford County, Connecticut.

PLEDGE OF ALLEGIANCE

Those in attendance stood and recited the Pledge of Allegiance.

APPROVAL OF MINUTES

On motion made by Commissioner Pane and duly seconded, the meeting minutes of June 12, 2023 were approved.

PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS

Elizabeth Bryden of West Hartford read from her below written comments:

*July 12, 2023 **Comments for the District Board Special Meeting related to agenda item # 9b
“Sewer House Connection Program”***

Good evening,

Thank you for allowing me the opportunity to share my feedback on agenda item #9b, the proposed Sewer House Connection Program. My name is Elizabeth Bryden and I am an MDC customer and home owner from West Hartford.

On May 30, 2023 I shared my feedback on the proposed sewer ordinance revisions at the Public Hearing that was held and I attended Monday’s finance committee meeting as well. Today I’d like to briefly share some additional thoughts.

I am glad to see the new program that is being proposed will offer some relief to homeowners should they need to make repairs to the sewer laterals on their own private property. However, as I commented previously, they do not currently address some of the other issues customers are facing especially as it relates to the issue of retroactivity and potential reimbursement for repairs that have already been made out of necessity.

To illustrate my point, I’d like to briefly share the issue I am currently dealing with with my home. In January, 2023, we had a sewage back-up into our home and called the MDC emergency line. They came out that night and explained the process to follow and also gave us the recommended contractors for repair. We arranged for an MDC-approved contractor to come out and assess the situation.

We learned through the contractor and the MDC staff who came on site during this process was that our sewer line did not go to the street as many do, but it actually went down the hill behind our house

and off our property, onto our neighbor's property and into the woods behind their house before connecting to the main sewer line. A camera determined the line on our property was clear and the issue was some tree roots in the pipe in the woods behind my neighbor's house. As a result of the back-up, we were not able to remain in our home for over a week, our finished basement now requires significant repair and our lawn was destroyed in several big areas due to the trucks and the stones needed to fix the situation. Ultimately a pipe had to be replaced in the woods on my neighbor's property and it cost us \$12,283. Our house and lawn have yet to be repaired and it is now almost 6 months later.

It is important to note that due to the way the pipe was structured, we had absolutely no access as homeowners to this pipe for maintenance or repair, nor was there any agreement in place. The proposed program doesn't address situations like this one, where we were held responsible for pipes that are on someone else's property and to which we had no access or authority over.

In addition, the proposed Sewer House Connection Program currently does not address the issue of retroactivity and it should, as I'm sure there are others dealing with situations like mine. Related to this issue is the new fund announced by the Governor on June 26, 2023. As you know, the new Hartford Sewerage System Repair and Improvement Fund helps homeowners in North Hartford who have been impacted by sewage issues, which is great. As I understand it, this program allows homeowners who have been impacted by damage on or after January 1, 2021 to apply for reimbursement.

Given that this new fund for Hartford residents allows for retroactive reimbursement, I believe the new Sewer House Connection program should also allow for this to help other MDC customers who have been affected by costly sewer issues and repairs. I would like to again, respectfully request that language allowing retroactive reimbursement be added to the Sewer House Connection Program or, at a minimum, some language be added that allows for some retroactive reimbursement for unique situations, like my own.

I appreciate the opportunity to share my thoughts today-thank you for your time.

Elizabeth Bryden

120 Sunny Reach Drive

West Hartford, CT

Independent Consumer Advocate Joseph Szerejko stated that he also supports retroactivity pertaining to Agenda Item #9b "Sewer House Connection Program."

REPORT FROM DISTRICT CHAIRMAN

No report was provided.

REPORT FROM CHIEF EXECUTIVE OFFICER

Scott Jellison, Chief Executive Officer, updated staff on the Colebrook Reservoir Dam issue and that he and staff met with watershed town representatives a couple of weeks ago to discuss the need for their support in the abandonment.

REPORT FROM DISTRICT COUNSEL

Christopher Stone, District Counsel, also discussed the abandonment petition regarding the Colebrook Reservoir Dam, and that CT DPH would make a decision on the application within 90 days of petition, which would be on or about July 20, 2023 and, as of today, DPH was on schedule to make a decision by then. Secondly, he said it may be prudent to consider referring the issue of retroactivity for sewer replacement to BPW. Lastly, he let the Board know he will be issuing a litigation report to the Commissioners within the next week.

BUREAU OF PUBLIC WORKS MODIFICATION OF CONSENT ORDER #COWRMU22002

To: District Board

July 12, 2023

From: Bureau of Public Works

On November 7, 2006 the District entered into Consent Order No. WC5434 with CT DEEP to implement actions to abate overflow from both sanitary and combined sewers throughout the District. In December 2012, the District submitted a required Long-Term Combined Sewer Overflow Control Plan update to CT DEEP which was approved in April, 2015. In 2012, the EPA developed an integrated planning framework that offered the opportunity for the regulated community to develop an integrated plan to meet multiple Clean Water Act requirements while also considering other infrastructure improvements and affordability issues, such as improvements to the District's drinking water system and associated costs. In 2019 the Water Infrastructure and Improvement Act became federal law and amended the Clean Water Act to include the integrated planning framework. In December 2018, per the Consent Order, the District submitted another update to its Long-Term Control Plan to CT DEEP. The update plan, titled Integrated Plan and Long-Term Control Plan ("2018 LTCP/IP"), incorporates an integrated planning concept and identifies the next iteration of actions with associated timelines for meeting the requirements of the CSO Control Policy and water quality standards.

On September 19, 2022, the District and CT DEEP executed a new Consent Order to supersede the 2006 Consent Order No. WC5434. CT DEEP determined that the 2018 LTCP/IP constitutes a new program and approach to achieving the requirements of the CSO Control Policy and water quality standards, and as such the District is authorized to de-authorize certain outstanding projects and associated outstanding bonds authorized to complete those projects delineated in the 2005 LTCP and the 2012 LTCP. Upon doing so, the first phase of the Clean Water Project, established under the LTCP and the 2012 LTCP was concluded as to the de-authorized projects. On June

7, 2023, the District submitted a plan proposing revision to the actions and project schedule required by the 2022 Consent Order (#COWRMU22002) for the Integrated Plan Implementation Phase I. This submittal proposes sewer mitigation projects within the public right-of-way and on private property, including private stormwater disconnections and house connections (“lateral”) repair or replacement. These revisions are being proposed to mitigate combined sewer overflows and to protect public health and safety in the communities with combined sewers. CT DEEP proposed a Modification to Consent Order #COWRMU22002 to implement changes to the actions and project schedule of the consent order.

At a meeting of the Bureau of Public Works held on July 12, 2023, it was:

VOTED: That the Bureau of Public Works recommends to the District Board passage of the following resolution:

RESOLVED: That the Chief Executive Officer of The Metropolitan District, Scott W. Jellison, on behalf of the District, hereby is authorized, empowered and directed to execute the Consent Order #COWRMU22002 Modification with the State of Connecticut Department of Energy & Environmental Protection.

Respectfully submitted,



John S. Mirtle, Esq.
District Clerk



Connecticut
Department of Energy &
Environmental Protection

portal.ct.gov/DEEP

STATE OF CONNECTICUT

V.

THE METROPOLITAN DISTRICT

CONSENT ORDER MODIFICATION

A. With the agreement of The Metropolitan District, the Commissioner of Energy and Environmental Protection ("the Commissioner") finds:

1. The Metropolitan District ("Respondent") owns and operates a sanitary sewerage system, including a sewage treatment facility known as the Hartford Water Pollution Control Facility ("HWPCF"), and discharges treated sanitary sewage under the terms and conditions of NPDES Wastewater Discharge Permit No CT0100251.
2. The Respondent maintains a sewerage system, which includes sewers that convey both stormwater and sanitary sewage ("combined sewers"). During increased flow conditions associated with wet weather events, such combined sewers discharge untreated sewage to the waters of the state at certain locations ("combined sewer overflows"). In addition, during wet weather events that result in private property flooding, such sewers can cause sanitary sewage backups. Currently, the Respondent has thirty-eight active combined sewer overflow locations within their collection system that discharge combined sewage at various volumes and times depending on the storm location and severity.
3. The State of Connecticut has published the Combined Sewer Overflow Strategy, May 1990 as a guidance document for the development of combined sewer overflow control strategies.
4. The United States Environmental Protection Agency ("EPA") has published the Combined Sewer Overflow Control Policy, April 1994 ("CSO Control Policy") which requires compliance with the implementation of the "Nine Minimum Controls" and development of a "Long-Term Combined Sewer Overflow Control Plan".
5. On July 7, 1994, the Respondent entered into Consent Order No. WC 5143 to address combined sewer overflows into Folly Brook and



Connecticut
Department of Energy &
Environmental Protection

Wethersfield Cove.

6. On May 13, 1998, the Respondent entered into Consent Order No. WC 5248 to address combined sewer overflows into Folly Brook and Wethersfield Cove and the installation of a system-wide overflow alarm program.
7. On January 15, 2002, the Respondent, along with the City of Hartford, entered into Consent Order No. WC 5317 to address discharges of storm water and surface water from Tower Brook into the Respondent's sewer system.
8. On December 28, 1994, the Respondent submitted to the Commissioner the report entitled Nine Minimum Control Measures Status Report for the Metropolitan District Commission, Hartford, CT Docket No. 94-308-038.
9. On April 20, 1999, the Respondent submitted to the Commissioner the report entitled Combined Sewer Overflow (CSO) Abatement Long Term Facilities Plan, Phase II, Long-Term CSO Control Plan and Water Quality Monitoring Program (WQMP) dated May 1998 by Malcolm Pirnie, Inc.
10. On April 30, 1999, the Respondent submitted to the Commissioner the report entitled Combined Sewer Overflow Abatement Long-Term Facilities Plan, Phase II Solids and Floatables Abatement Plan prepared by Malcolm Pirnie, Inc.
11. On November 8, 1999, the Respondent submitted to the Commissioner the report entitled Combined Sewer Overflow Warning System, CSO Communications Plan prepared by Malcolm Pirnie, Inc.
12. On April 2, 2002, the Commissioner found that the Respondent's "Long-Term Combined Sewer Overflow Control Plan" did not adequately address water quality standards and did not fully address all of the Nine Minimum Controls.
13. On October 2, 2002, the Respondent entered into Consent Order WC 5365 requiring the Respondent to revise the "Long-Term Combined Sewer Overflow Control Plan" to comply with the EPA's 1994 and 2002 CSO Control Policy, which have been incorporated into the Federal Clean Water Acts of 1972, as amended.
14. On December 30, 2004, the Respondent submitted to the Commissioner a revised report entitled Long-Term CSO Control Plan (LTCP), prepared by Camp, Dresser & McKee, which further addressed meeting the requirements of the CSO Control Policy and water quality standards.
15. On November 7, 2006, the Respondent entered into Consent Order No.



Connecticut
Department of Energy &
Environmental Protection

WC 5434 to implement actions to abate overflows from both the sanitary and combined sewers throughout the District.

16. As required by Consent Order No. WC 5434, on December 28, 2012, the Respondent submitted to the Commissioner a report entitled Long-Term Combined Sewer Overflow Control Plan 2012 Update prepared by CDM Smith, and dated December 28, 2012, revised on August 28, 2014, and December 4, 2014 (2012 LTCP). This report is a LTCP Update which further addressed meeting the requirements of the CSO Control Policy and water quality standards.
17. In 2012, EPA developed an integrated planning framework that offered a voluntary opportunity for a municipality, such as the Respondent, to develop an integrated plan to meet multiple Clean Water Act (CWA) requirements. On January 14, 2019, the Water Infrastructure and Improvement Act (WIIA) (H.R. 7279) became law. WIIA added a new Section 402(s) to the CWA to amend the CWA to include the 2012 Integrated Municipal Stormwater and Wastewater Planning Approach Framework.
18. As required by Minor Consent Order Modification No. 2 dated May 2, 2017, to Consent Order No. WC 5434, on December 28, 2018, the Respondent submitted to the Commissioner a report entitled Integrated Plan and Long-Term Control Plan, prepared by CDM Smith and dated December 2018 (2018 IP/LTCP). This report was developed pursuant to the federal Water Infrastructure Improvement Act of 2018 to satisfy the requirements set forth in the Modified Consent Order and identified the next iteration of the actions with associated timelines for meeting the requirements of the CSO Control Policy and water quality standards.
19. The 2018 IP/LTCP constitutes a new program and approach to achieving the requirements of the CSO Control Policy and water quality standards, and as such the Respondent is hereby authorized to de-authorize any outstanding projects and any outstanding bonds authorized to complete the projects delineated in the LTCP and the 2012 LTCP. Upon doing so, the first phase of the Clean Water Project established under the LTCP and the 2012 LTCP, is concluded. The Integrated Plan Implementation Phase I Project List and Timeline, attached hereto as Appendix A, shall serve as the list of projects to be completed that are necessary for the Respondent to be deemed compliant with this Consent Order through 2029, as may be modified or amended pursuant to the procedure set forth below in paragraph B. 31.
20. DEEP requested a summary update to the 2018 IP/LTCP submitted pursuant to paragraph A.18., above. On May 14, 2020, the Respondent



**Connecticut
Department of Energy &
Environmental Protection**

submitted to the Commissioner a report entitled 2018 Integrated Long-Term CSO Control Plan Summary prepared by CDM Smith and dated May 2020.

21. As requested by DEEP, on February 1, 2021, the Respondent submitted to the Commissioner a report entitled Integrated Plan Implementation Phase I (2021 through 2028) and Future Phases prepared by CDM Smith and dated January 29, 2021 ("Integrated Plan Implementation Phase I"). This report outlines identifies CSO projects, their priority based on water quality, cost and affordability, and engineering factors, and associated sequencing of projects for the period from 2021 to 2029, inclusive. Such report informed the requirements of DEEP's Consent Order No. COWRMU22002 issued on September 11, 2022 ("2022 Consent Order"). The project "Park River & South Meadows, Current CIP Sewer Rehab (in Park River & South Meadows' [29,000 total feet of rehabilitation in Bloomfield and Hartford] required by such order was completed on June 30, 2022.
 22. In response to requests from EPA and DEEP dated March 8, 2023 & March 10, 2023, on June 7, 2023, the Respondent submitted a plan proposing revisions to the actions and schedule, as identified in Appendix A and Appendix C, required by the 2022 Consent Order for the Integrated Plan Implementation Phase I. This submittal proposes sewer mitigation projects within the public right-of-way and on private property, including private stormwater disconnections and house connections ("lateral") repair or replacement. These revisions are being proposed to mitigate combined sewer overflows and to protect public health and safety in the communities with combined sewers. Respondent's June 7, 2023 submittal is hereafter referred to as "the "2023 Integrated Plan Implementation Phase I."
 23. By virtue of A.1 and A.2, the Respondent is causing pollution of the waters of the state and is maintaining facilities or conditions that can reasonably be expected to create a source of pollution to the waters of the state.
- B. The Commissioner, acting under §22a-6, §22a-424, §22a-425, §22a-427, §22a-428, §22a-430, and §22a-431 of the Connecticut General Statutes, orders the Respondent as follows:
1. The Respondent shall:
 - a. Implement the 2018 IP/LTCP, including the specific actions outlined in



Connecticut
Department of Energy &
Environmental Protection

the 2023 Integrated Plan Implementation Phase I, with the overarching goals of:

- i. Achieving a 1-year storm level of CSO control for CSO Regulators where and as identified in Tables 1 and 2 in Appendix B of this consent order.
- ii. Completing a Controls Strategy Plan for the Operation of the South Hartford Conveyance and Storage Tunnel (SHCST) by December 31, 2025. This Plan shall look at opportunities to maximize the use of the SHCST as constructed by SHCST Contracts 1, 2, 3 & 5 in controlling and reducing SSOs and CSOs, respectively;
- iii. On or before December 31, 2026, Respondent shall control structural SSOs CTS-2, CTS-3 and NTS in accordance with the Respondent's Consent Decree, and control South Branch Park River CSOs S-19, S-21, S-23, S-24, S-25, S-26, S-27, S-28, S-29, and S-30 to a 1- year storm;
- iv. Completing a Drainage Study/Sewer Separation Preliminary Design for the elimination of remaining Wethersfield Cove CSOs, including CSOs to Folly Brook, by December 31, 2027. This Study will identify all work required to achieve elimination of remaining Wethersfield Cove CSOs via sewer separation and/or drainage system improvements; and
- v. Eliminate CSO Discharges to the North Branch of the Park River, by completing conveyance improvements, sewer separations, and infiltration and inflow reduction projects, no later than December 31, 2043.

Steady progress towards completion shall be made equally in each of the action(s) identified in sections B.1.a.(i) to (v), inclusive within the required time period; however, a delay for just cause in any of such actions shall not be justification for delay in other required action.

- b. Continue to demonstrate a means, in accordance with the Respondent's Charter, to authorize funding necessary to implement the 2018 IP/LTCP and the 2023 Integrated Plan Implementation Phase I, as amended by this consent order, including but not limited to actions necessary to meet the goals identified in section B.1.a above. The means by which the Respondent funds required authorizations shall be demonstrated at least one year prior to the need for additional funding until the full authorization level to fully implement the 2018 IP/LTCP and the 2023 Integrated Plan



Implementation Phase I, as amended by this consent order, has been achieved.

2. The Respondent shall initiate engineering and related construction contracts to implement the 2023 Integrated Plan Implementation Phase I at a minimum average annual expenditure rate which is consistent with the Respondent's affordability analysis to implement such Plan and at a minimum spending rate of \$40M per year, inclusive of any contracts required to comply with the Respondent's USEPA and USDOJ Consent Decree and to remove nitrogen at the Respondent's wastewater treatment facilities.

Nothing in this consent order shall preclude the Commissioner from requiring an increase in the Respondent's \$40M minimum average annual expenditure rate, as necessary to implement future engineering and construction contracts to complete all actions necessary to abate CSOs within the service area, upon a finding of changes in affordability as indicated in future IP/LTCP updates. Furthermore, for future IP/LTCP phases, the Commissioner anticipates annual expenditure rates will increase with the specific rate to be identified in the IP/LTCP Update required by section B.12 of this consent order and as determined by an updated affordability analysis pursuant to EPA's "1997 Combined Sewer Overflows - Guidance for Financial Capacity Assessment and Schedule Development", as amended and/or superseded.

3. The Respondent shall retain one or more qualified consultants acceptable to the Commissioner until this consent order is fully complied with and the Commissioner acknowledges that CDM Smith Inc. as identified by the Respondent, may prepare documents and oversee the actions required by this consent order for the 2023 Integrated Plan Implementation Phase I. Within ten days after retaining any consultants(s) other than the one originally identified under this paragraph, the Respondent shall notify the Commissioner in writing of the identity of such other consultant(s). The consultant(s) retained shall be qualified professional engineers licensed to practice in Connecticut and shall be acceptable to the Commissioner. The Respondent shall submit to the Commissioner a description of the consultant's education, experience and training which is relevant to the work required by this consent order within ten days after a request for such a description. Nothing in this paragraph shall preclude the Commissioner from finding a previously acceptable consultant unacceptable.



Connecticut
Department of Energy &
Environmental Protection

4. On or before January 1, 2024 and until full compliance with this consent order has been achieved, the Respondent shall conduct public information and outreach as follows:
 - a. On or before January 31st after the issuance of this consent order and quarterly thereafter, conduct a meeting outside of typical business hours (8:00 am to 5:00 pm) for the general public that presents: 1) an update on projects completed and under construction, 2) a schedule for projects under construction or yet to start construction, 3) a status of use of minority and disadvantaged business enterprises, including efforts and success at recruiting labor and contractors from the area where projects are or will be occurring under this consent order, and 4) other items as requested by the Commissioner. Notice of each quarterly meeting, including the date, time, location, and agenda for the meeting, along with any supporting materials, shall be posted on Respondent's website at least 30 days prior to such meeting. The annual meeting required by paragraph B.4.c of this consent order shall constitute the second quarterly meeting of each year. Quarterly meetings may be suspended upon the Respondent's written request and written approval by the Commissioner.
 - b. On or before March 1st after the issuance of this consent order and annually thereafter, post on its website an annual update and proposed projects report, which tracks the status of each implementation plan action in the 2023 Integrated Plan Implementation Phase I, as amended by this consent order, and proposes projects to improve the sewerage system in the upcoming year that are not specified in this consent order for public review and comment. Such website update and report shall be in a format different than the required annual reports submitted to the Commissioner in accordance with paragraph B.19 of this consent order and shall:
 - i. Consist of a user-friendly presentation of information in non-technical, Layman's terms (with a general public audience in mind) regarding the status and progress of the 2023 Integrated Plan Implementation Phase I, as amended by this consent order;
 - ii. For the 2023 Integrated Plan Implementation Phase I, clearly identifies which specific actions/projects are to be implemented in each calendar year and the associated timeframe for completion; the neighborhood of each proposed



Connecticut
Department of Energy &
Environmental Protection

action/project as well as the short-term impacts and the long-term benefits to the community, and the funding sources for future implementation actions;

- iii. Include a summary of additional projects proposed to be completed in the upcoming year that improve the sewerage system and are not specified in Appendix A of this consent order;
- iv. Include a summary of actions taken to utilize minority and disadvantaged business enterprises, including efforts and success at recruiting labor and contractors from the area where projects are or will be occurring under this consent order;
- v. Include a summary of projects completed in the previous calendar year pursuant to the 2022 Consent Order and this consent order, identification of compliance with completion deadlines, or if a deadline is missed, identification of the cause(s), and an alternate proposed deadline. This posting does not relieve the Respondent of the requirement of notification to the Commissioner as outlined in paragraph B.32. of this consent order;
- vi. Include updates and estimates for incremental achievements in CSO reductions of each project;
- vii. Include a contact number, prominently displayed on its website, for community members to contact the Respondent regarding questions and/or concerns regarding the work associated with the 2023 Integrated Plan Implementation Phase I;
- viii. Include an advertisement, consisting of a posting notice of such update and proposed projects report prominently on Respondent's webpage and social media and appearance of a notice in newspapers of general circulation in Respondent's service area, identifying means of commenting on such report, which notice period shall close no sooner than 15 days after the annual meeting specified in paragraph B.4.b. of this consent order. At the same time as the notice to the newspaper, the consumer advocate identified in paragraph B.4.c. of this consent order shall also be notified.



- c. On or before April 1st after the issuance of this consent order and annually thereafter, conduct an annual meeting outside of typical business hours (8:00 am to 5:00 pm) for the general public which presents a comprehensive update/ proposed projects report of the previous 4 quarterly updates, as required by paragraph B.4.a. of this consent order and includes a question/answer component. The quarterly update/ report required by paragraph B.4.a. of this consent order and notice of the date and time of the annual meeting required by this paragraph shall be posted on Respondent's website, social media, and appear in newspapers of general circulation in Respondent's service area at least 30 days prior to such annual meeting.
 - d. Include Respondent's consumer advocate in the review of each quarterly update and proposed projects report required by paragraph B.4.a. of this consent order and his/her attendance at each annual meeting required by paragraph B.4.b. of this consent order.
 - e. Within 30 days of the close of the public comment period specified in paragraph B.4.b. of this consent order, Respondent shall post all public comments and a response document, responding to comments, prominently on its webpage and send such comment response document to the Department.
5. On or before December 31, 2030, the Respondent shall have completed construction of all actions identified in 2023 Integrated Plan Implementation Phase I, as described in Appendix A, Table 1 of this consent order, and as may be modified by a Long-Term Control Plan Update as described in paragraph B.15.
 6. On or before January 1st after the issuance of this consent order and annually thereafter, the Respondent shall submit a list of specific construction contracts for the next two consecutive calendar years for the Commissioner's review. The "Two Year Bid Schedule" shall list: the specific CSO related improvement, estimated costs, reasons for scheduling as proposed, specified construction contract bid dates, proposed construction completion dated. The "Two Year Bid Schedule" shall be based upon the 2023 Integrated Plan Implementation Phase I, as described in Appendix A, Table 1 of this consent order, and as may be amended by the Long-Term Control Plan Update as described in paragraph B.12.



Connecticut
Department of Energy &
Environmental Protection

7. No less than 90-days prior to the respective bid dates, as specified in the "Two Year Bid Schedule" submitted pursuant to Paragraph B.6. above, for all CSO related construction contracts that comprise the 2023 Integrated Plan Implementation Phase I, the Respondent shall submit final design documents to the Commissioner for final review and written approval. At a minimum, the final design documents shall contain:
 - a. Plans, technical specifications and contract documents which describe the proposed contracts, noting any significant changes from the 30 percent design submitted.
 - b. Demonstration of formal submittal of application(s) as required for all state and local permit approvals and related documents for respective project.
8. Within one year following every contract's substantial completion date, the Respondent shall submit final record drawings in an electronic format of completed works to the Commissioner to document formal compliance with this consent order.
9. As part of the LTCP/IP update process Respondent shall retain a qualified third-party consultant acceptable to the Commissioner, to determine the efficacy and cost effectiveness of the revised approach for sewer mitigation and public health and safety protection identified in the 2023 Integrated Plan Implementation Phase I compared to more traditional sewer mitigation projects.
 - a. On or before April 1, 2024 and each year thereafter, Respondent shall submit a report for the Commissioner's review summarizing the results of each of the projects identified in the 2023 Integrated Plan Implementation Phase I. Such report shall include: 1) an estimation of the expected reduction in volume in the Respondent's conveyance system and estimated reduction in CSOs, 2) an evaluation the efficacy and cost effectiveness of the revised approach for sewer mitigation and public health and safety protection certification protection identified in the 2023 Integrated Plan Implementation Phase I compared to more traditional sewer mitigation projects, and 3) certification that each action has been conducted in a cost effective manner and in compliance with the requirements of the Regulations of CT State Agencies section 22a-482 related to performance of an alternatives analysis and value engineering for projects over \$10,000,000, selection of engineering consultants based on qualifications based selection, conducting competitive bidding of contracts, and meeting contracting goals for minority & women based enterprises;
 - b. Respondent shall measure and maintain data on the following metrics which shall be provided to the consultant(s) approved pursuant to paragraph B.9.a. and



Connecticut
Department of Energy &
Environmental Protection

provide the basis for the evaluation required by paragraphs B.10.a. and B.10.c

- LF of new storm drains or sanitary sewers installed as part of sewer separation projects;
 - LF of CIPP rehabilitation of existing combined sewers, sanitary sewers or storm sewers;
 - LF of CIPP rehabilitation of private property laterals;
 - Number of properties with new storm laterals or sanitary sewer laterals installed as part of sewer separation projects;
 - Number of properties with completed renewal of existing sanitary sewer laterals;
 - Number of properties with complete surcharge protection completed via the District's Backwater Valve/Private Property Inflow Disconnection Program;
 - Number of properties with completed private property separation including foundation drains, roof leaders, etc.;
 - Reduction in CSO volume in a 1-year storm, a typical year, as well as the elimination storm as measured at CSO's N-2 and N-4, as compared to baseline values established in the 2018 LTCP/IP; and
 - Reduction in CSO volume in a 1-year storm and a typical year at all Gully Brook and North Meadows Drainage District CSOs, as compared to baseline values established in the 2018 LTCP/IP.
- c. On December 31, 2028, Respondent's consultant required by paragraph B.9. of this consent order shall submit a report to the Commissioner with its determination on the efficacy and cost effectiveness of the revised approach for sewer mitigation and public health and safety protection identified in the 2023 Integrated Plan Implementation Phase I compared to more traditional sewer mitigation projects. Such report shall consider both sewer mitigation and public health and safety protection.
10. Long-Term Control Plan Update. By December 31, 2028, the Respondent shall submit, for the Commissioner's review and approval, an IP/LTCP Update to demonstrate the Respondent's progress to date along with a proposed plan for the next phase of Integrated Plan Implementation for meeting 1-year storm level of CSO control as defined in Appendix B, Table 2 of this consent order until such CSO control has been achieved. The Respondent shall make appropriate revision to such IP/LTCP Update to address comments made by the Commissioner. Each IP/LTCP Plan Update shall at a minimum comply with the following:
- a. The IP/LTCP Update shall be a stand-alone document that builds upon



Connecticut
Department of Energy &
Environmental Protection

- its predecessor.
 - b. Consistent with the requirements of paragraph B.4. of this consent order, the IP/LTCP Update shall include a public information process and provide an opportunity for receiving and responding to public comment.
 - c. The IP/LTCP Update shall demonstrate, to the Commissioner's satisfaction, the Respondent's plans for achieving a 1- year, level of CSO control as defined in Appendix B, Table 2 and implement the projects as defined in Appendix C, Table 1, by the earliest feasible date, but no later than December 2059.
 - d. The IP/LTCP Update shall include a new five-year CSO abatement construction schedule which shall be incorporated as an amendment to this consent order or into a subsequent consent order upon adoption by DEEP.
11. Any proposed modification of the activities specified in this consent order and the schedule of completion shall be submitted for review and approval, by the Commissioner as an amendment to this consent order and shall be accompanied by final conceptual design documents and affordability analyses to be supplied by the Respondent.
 12. Progress Reports. On or before the last day of January of each year after the date of issuance of this consent order and continuing until all actions required by this consent order have been completed as approved and to the Commissioner's satisfaction, Respondent shall submit a progress report to the Commissioner describing the actions which Respondent has taken to date to comply with this consent order.
 13. Full compliance. Respondent shall not be considered in full compliance with this consent order until all actions required by this consent order have been completed as approved and to the Commissioner's satisfaction.
 14. Approvals. Respondent shall use best efforts to submit to the Commissioner all documents required by this consent order in a complete and approvable form. If the Commissioner notifies Respondent that any document or other action is deficient, and does not approve it with conditions or modifications, it is deemed disapproved, and Respondent shall correct the deficiencies and resubmit it within the time specified by the Commissioner or, if no time is specified by the Commissioner, within 60 days of the Commissioner's notice of deficiencies. In approving any document or other action under this



Connecticut
Department of Energy &
Environmental Protection

consent order, the Commissioner may approve the document or other action as submitted or performed or with such conditions or modifications as the Commissioner deems necessary to carry out the purposes of this consent order. Nothing in this paragraph shall excuse noncompliance or delay.

15. Definitions. As used in this consent order, "Commissioner" means the Commissioner or a representative of the Commissioner.
16. Dates. The date of "issuance" of this consent order is the date the consent order is deposited in the U.S. mail or personally delivered, whichever is earlier. The date of submission to the Commissioner of any document required by this consent order shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this consent order, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is deposited in the U.S. mail or is personally delivered, whichever is earlier. Except as otherwise specified in this consent order, the word "day" as used in this consent order means calendar day. Any document or action which is required by this consent order to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed by the next day which is not a Saturday, Sunday or Connecticut or federal holiday.
17. Certification of documents. Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this consent order shall be signed by Respondent or, if Respondent is not an individual, by Respondent's chief executive officer or a duly authorized representative of such officer, as those terms are defined in §22a-430-3(b)(2) of the Regulations of Connecticut State Agencies, and by the individual(s) responsible for actually preparing such document, and each such individual shall certify in writing as follows:

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under §53a-157b of the Connecticut General Statutes and any other applicable law."



Connecticut
Department of Energy &
Environmental Protection

18. False statements. Any false statement in any information submitted pursuant to this consent order may be punishable as a criminal offense under §53a-157b of the Connecticut General Statutes and any other applicable law.
19. Notice of transfer; liability of Respondent. Until Respondent has fully complied with this consent order, Respondent shall notify the Commissioner in writing no later than 15 days after transferring all or any portion of the facility, the operations, the site or the business which is the subject of this consent order or after obtaining a new mailing or location address. Respondent's obligations under this consent order shall not be affected by the passage of title to any property to any other person or municipality.
20. Commissioner's powers. Nothing in this consent order shall affect the Commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, recover costs and natural resource damages, and to impose penalties for past, present, or future violations of law. If at any time the Commissioner determines that the actions taken by Respondent pursuant to this consent order have not successfully corrected all violations, fully characterized the extent or degree of any pollution, or successfully abated or prevented pollution, the Commissioner may institute any proceeding to require Respondent to undertake further investigation or further action to prevent or abate violations or pollution.
21. Respondent's obligations under law. Nothing in this consent order shall relieve Respondent of other obligations under applicable federal, state and local law.
22. No assurance by Commissioner. No provision of this consent order and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the actions taken by Respondent pursuant to this consent order will result in compliance or prevent or abate pollution.
23. Access to site. Any representative of the Department of Energy and Environmental Protection may enter the facility without prior notice for the purposes of monitoring and enforcing the actions required or allowed by this consent order.



Connecticut
Department of Energy &
Environmental Protection

24. No effect on rights of other persons. This consent order neither creates nor affects any rights of persons or municipalities that are not parties to this consent order.
25. Notice to Commissioner of changes. Within 15 days of the date Respondent becomes aware of a change in any information submitted to the Commissioner under this consent order, or that any such information was inaccurate or misleading or that any relevant information was omitted, Respondent shall submit the correct or omitted information to the Commissioner.
26. Notification of noncompliance. In the event that Respondent becomes aware that it did not or may not comply, or did not or may not comply on time, with any requirement of this consent order or of any document required hereunder, Respondent shall immediately notify by email the individual identified in Paragraph B.34 paragraph and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. Within five (5) days of the initial notice, Respondent shall submit in writing the date, time, and duration of the noncompliance and the reasons for the noncompliance or delay and propose, for the review and written approval of the Commissioner, dates by which compliance will be achieved, and Respondent shall comply with any dates which may be approved in writing by the Commissioner. Notification by Respondent shall not excuse noncompliance or delay, and the Commissioner's approval of any compliance dates proposed shall not excuse noncompliance or delay unless specifically so stated by the Commissioner in writing.
27. Noncompliance. Failure to comply with this order may subject the Respondent to an injunction and penalties under Chapters 439, and 445 or 446k of the Connecticut General Statutes.
28. Submission of documents. Any document required to be submitted to the Commissioner under this consent order shall, unless otherwise specified in this consent order or in writing by the Commissioner, be directed to:



Connecticut
Department of Energy &
Environmental Protection

Ann Straut, Environmental Engineer 3
Department of Energy and Environmental Protection
Bureau of Water Protection and Land Reuse
Water Planning and Management Division
79 Elm Street, Hartford, Connecticut 06106-5127
Ann.straut@ct.gov

The Metropolitan District consents to the issuance of this consent order without further notice. The undersigned certifies that he/she is fully authorized to enter into this consent order and to legally bind The Metropolitan District to the terms and conditions of the consent order.

The Metropolitan District

BY:

Scott W. Jellison
Chief Executive Officer

Date

Issued as a final order of the Commissioner of Energy and Environmental Protection that shall supersede Consent Order COWRMU22002 executed on September 19, 2022.

Katie S. Dykes
Commissioner

Date

**APPENDIX A****TABLE 1: 2023 Integrated Plan Implementation Phase I, Project List and Timeline**

Area	CWP/IP Project	Description	Original CO Completion Date	Revised CO Completion Date
North Branch Park River	I-4 (N-30) Improvements	Rehabilitation of N-30 Sewer	2023	2024
North Branch Park River/Gully/ North Meadows	Expedited Sewer Separation Contracts (ROW)	Installation of up to 8,000 LF of new storm drains and associated storm laterals as required to facilitate separation of 160 properties in North Hartford	N/A	2024
North Branch Park River	Current CIP Sewer Rehab (in Bloomfield & NBPR)	15,000 LF of rehabilitation in Bloomfield & Hartford	2022	2024
North Branch Park River	NBPR Drainage Study	Drainage study of the NBPR	2023	2024
Gully Brook	Current CIP Sewer Rehab (in Gully Brook Area)	15,000 total feet of rehabilitation in Gully Brook Area of Hartford	2022	2024
North Meadows	Tower Avenue Area Sewer Rehabilitation	Rehabilitation of 10,000 LF of sewers & 200 laterals in Gully Brook Area Upstream of NM-2/3/4	2028	2024
North Branch Park River/Gully/ North Meadows	Expedited Sewer Separation Contracts (Private)	Completion of private property separation work of up to 160 properties in North Hartford	N/A	2025
Park River & South Meadows	18-in to 21-in brick rehab	52,000 LF of rehabilitation targeting 18-in to 21-in brick sewers in Hartford	2025	2025
Park River & South Meadows	West Hartford SSES Implementation Contract 2012-59	56,000 LF of SSES recommendations in West Hartford	2025	2025
North Branch Park River	Sewer & Lateral Rehabilitation	Rehabilitation of 48,360 LF of sewers & 1,510 laterals in NBPR Area Upstream of N-2 & N-4	N/A	2026
Gully Brook	Sewer & Lateral Rehabilitation	Rehabilitation of 30,120 LF of sewers & 1,040 laterals in Gully Brook Area Upstream of G-12	N/A	2026
North Branch Park River/Gully/	Backwater Valve/Private Property Inflow Disconnection	Plumbing improvements of up to 1,500 properties in	N/A	2026



Connecticut
Department of Energy &
Environmental Protection

North Meadows		North Hartford in advance of future separation projects.		
North Meadows	Sewer & Lateral Rehabilitation	Rehabilitation of 8,530 LF of sewers & 500 laterals in NBPR Area Upstream of NM-5/6/7	N/A	2026
South Branch Park River	South Hartford Conveyance & Storage Tunnel (SHCST) Contracts 2, 3, & 5	Completion of SHCST Contracts 2, 3, & 5 to control SBPR CSOs S-19 through S-30 to 1-year storm and control structural SSOs CTS 2, CTS 3 & NTS Hillcrest in accordance with the Consent Decree	2026	2026
North Branch Park River	Granby 8 Sewer Separation (design & construction)	Sewer Separation including sewer rehabilitation	2029 (design only)	2028 (now includes construction)
North Branch Park River	Granby 9 Sewer Separation (design & construction)	Sewer Separation including sewer rehabilitation	2029 (design only)	2028 (now includes construction)
North Branch Park River	Granby 7 Sewer Separation	Sewer Separation including sewer rehabilitation	2028	2028
North Branch Park River	Bloomfield Styrene Rehabilitation	Rehabilitation of 14,000 feet of sewers in Bloomfield	2029	2029

Projects in green are new projects to Phase 1 or expedited projects.

Projects in yellow are delayed projects that will still be completed in Phase 1.

APPENDIX B

Table 1: Regulator Level of Control Summary

CSO Receptor	Level of Control	CSO Receptor	Level of Control	CSO Receptor	Level of Control	CSO Receptor	Level of Control
F-26	Elimination	N-2	Elimination	NM-14	1-year storm	P-29	1-year storm
F-27	Elimination	N-4	Elimination	P-1	1-year storm	S-3	1-year storm
F-28	Elimination	N-9	Elimination	P-2	1-year storm	S-8	1-year storm
F-29	Elimination	N-10	Elimination	P-3	1-year storm	S-10	1-year storm
F-30	Elimination	N-12	1-year storm	P-4	1-year storm	S-12	1-year storm
F-32	Elimination	N-14	1-year storm	P-5	1-year storm	S-13	1-year storm
F-33	Elimination	N-22	1-year storm	P-9	1-year storm	S-14	1-year storm
G-2	1-year storm	N-23	1-year storm	P-10	1-year storm	S-15	1-year storm
G-8	1-year storm	N-24	1-year storm	P-11A	1-year storm	S-16	1-year storm
G-9	1-year storm	N-25	1-year storm	P-12	1-year storm	S-19	1-year storm
G-10	1-year storm	N-28A	1-year storm	P-13	1-year storm	S-21	1-year storm
G-11	1-year storm	N-28B	1-year storm	P-14	1-year storm	S-23	1-year storm
G-12	1-year storm	N-29	1-year storm	P-15	1-year storm	S-24	1-year storm
G-13E	1-year storm	N-30	1-year storm	P-15A	1-year storm	S-25	1-year storm
G-13W	1-year storm	NM-2	1-year storm	P-16	1-year storm	S-26	1-year storm
G-15	1-year storm	NM-3	1-year storm	P-16A	1-year storm	S-27	1-year storm
G-17A	1-year storm	NM-4	1-year storm	P-18	1-year storm	S-28	1-year storm
G-17B	1-year storm	NM-5	1-year storm	P-19	1-year storm	S-29	1-year storm
G-19	1-year storm	NM-6	1-year storm	P-23	1-year storm	S-30	1-year storm
G-21	1-year storm	NM-7	1-year storm	P-24	1-year storm	SM-2	1-year storm
G-23	1-year storm	NM-10	1-year storm	P-26	1-year storm		

Table 2: 1-year storm Level of Control¹ for precipitation events, based on duration and quantity

Duration	Depth (inches)
15-minute	0.56
30-minute	0.75
1-hour	0.94
2-hour	1.22
3-hour	1.40
6-hour	1.75
12-hour	2.12
1-day	2.47
2-day	2.80
3-day	3.04
4-day	3.26
7-day	3.84
10-day	4.43

¹ Respondent shall prevent CSOs from occurring from precipitation events less than or equal to the depths identified in Table 2.

APPENDIX C**TABLE 1: Projects deferred from the *Integrated Plan Implementation Phase I***

Area	CWP/IP Project	Description	Original CO Completion Date	Revised CO Completion Date
Park River & South Meadows	SM-2 Improvements	Replacement/rehabilitation of existing collection system gates and SM-2	2024	2030 - 2040
South Branch Park River	Cemetery Brook Area Large Diameter Rehab	7,000 LF of rehabilitation targeting the Cemetery Brook Sewer Area	2025	2030 - 2040
Park River & South Meadows	Farmington and Homestead Ave Large Diameter Rehab	7,000 LF of rehabilitation targeting the Farmington/Homestead Avenue Area	2026	2030 - 2040
North Branch Park River	New North Branch Interceptor Improvements	NNBI Replacement Pipe & N-22 Regulator Improvements (eliminating N-9 & N-10)	2027	2030 - 2040
South Branch Park River	Kane Brook (S-8 & S-13)	Sanitary sewer improvements to S-8 and S-13	2027	2030 - 2040
North Branch Park River	Homestead Avenue Interceptor Improvements (Design Only)	Replacement of 4,600 LF HAI (achieving 2-year level of control at N-4)	2029	2030 - 2040
Gully Brook	Gully Brook Area Large Diameter Rehab (Part 1)	13,500 LF of rehabilitation targeting the Gully Brook Interceptor	2029	2030 - 2040
Gully Brook	Gully Brook Area Large Diameter Rehab (Part 2)	13,500 LF of rehabilitation targeting the Gully Brook Interceptor	2029	2030 - 2040
Farmington and Park Street	N-12 Sewer Separation and CMOM	Sewer Separation including sewer rehabilitation	2029	2030 - 2040
Franklin Avenue	South Hartford Conveyance & Storage Tunnel (SHCST) Contract 4	Completion of SHCST Contract 4 to eliminate Franklin Ave CSOs to the Wethersfield Cove; F-26, F-27, F-28, F-29, F-30, F-32, and F-33	2029	2030 - 2040

On motion made by Commissioner Hoffman and duly seconded, the resolution was adopted by unanimous vote of those present.

**BUREAU OF PUBLIC WORKS
SEWER HOUSE CONNECTION PROGRAM**

To: District Board

July 12, 2023

From: Bureau of Public Works

In 2019, the District Board established a Sewer Lateral Installation Program to assist property owners with the cost to renew or install a sewer house connection to their property by paying the District the costs over time. At the April 24, 2023 Bureau of Public Works meeting, the Bureau referred proposed ordinance revisions to the Committee on MDC Government related to changing District policy on the repair of sewer house connections on private property. The proposed ordinance revisions do not eliminate the property owner's ownership of, and maintenance responsibility for, the full length of the sewer house connection. But, if implemented the revised ordinances would permit the District to perform sewer maintenance or repair work on the private property portion of the sewer house connection. The Committee on MDC Government held a public hearing on the ordinance revisions on May 30, 2023. In addition to the forthcoming change to District policy and ordinances regarding repair of sewer house connections on private property, Staff recommends the Sewer Lateral Installation Program be discontinued and a new Sewer House Connection Program (the "Program") be established as described herein. The Program will support new sewer house connections and address failing private property sewer house connections by allowing for the installation of new or renewed (i.e., replaced or rehabilitated) sewer house connections on private property to be funded by the District.

The benefit of renewing sanitary sewer house connections is a reduction in infiltration from private property (contributing to the goals of the Clean Water Program), more effective Customer Service/Operations involvement in renewing house connections extending onto private property, and reduction of potential private property backups caused by deteriorated house connections, root intrusion, etc.

The Program includes five different scenarios, shown in the table below, based on a property owner's needs. Per MDC Sewer Ordinances § S1b, a sewer "house connection" is a pipe connecting a property to the main sewer. A "lateral" is a capped pipe laid towards a property during the original construction of a main sewer for the purpose of a future house connection for the property.

GENERAL CONDITIONS

Prior to acceptance into the Program, contracts and/or price quotes between the property owners and their contractor(s) must be submitted to Utility Services for review to verify the reasonableness of the scope of work and cost proposal. The District reserves the right to deny any price proposal. Any increase in the price due to unforeseen circumstances must be approved by the District prior to funding. The owner shall be bound to the terms of the written contract with contractor. If the contractor requires a deposit, the property owner will be responsible to pay the

contractor. Monthly payments will be a separate line item on the water bill. There will be no pre-payment penalties.

PROPERTIES NOT CURRENTLY CONNECTED TO MDC SEWER (Scenarios 1, 2 & 3)

For new house connection installations, the property owner will have the ability to hire a private contractor to install sewer house connections on private property and fund the entire new sewer connection cost (assessment plus construction costs), with reimbursement to the District by the property owner over time. Upon satisfactory completion of the work, the District will pay the property owner's contractor for the cost of the work, up to \$10,000, and the property owner will sign a voluntary lien and repay the District over time, including interest at the same rate as sewer assessments (6%). The Program would offer property owners the ability to roll the installation costs of a new house connection into the property's assessment and for property owners to pay for the installation of house connections as part of their monthly water bill. The Program would be limited to 6-inch house connections for residential properties. Exceptions to the service size or type would be subject to approval by the Chief Executive Officer or his/her designee. Sewer house connections will only be funded if the house connection is built in accordance with District standards, permitted and inspected by the District.

For new house connection installations, the Program shall be funded from a Sewer House Connection Revolving Fund. In 2019 as part of the Sewer Lateral Installation Program, the District Board established the Sewer Lateral Revolving Fund with funds from the Assessable Sewer Fund. The Sewer Lateral Revolving Fund currently has a balance of \$1.17 million and will be renamed the Sewer House Connection Revolving Fund. Coupled with the revenue from the principal and interest payments, the Sewer House Connection Revolving Fund is expected to be self-sustaining.

PROPERTIES CURRENTLY CONNECTED TO MDC SEWER (Scenarios 4 & 5)

For maintenance/inspection and renewal of existing house connections, the Program will be funded from the Clean Water Program Rate Stabilization Fund and/or applicable grant funding.

Maintenance and/or Inspection of Existing House Connections

For property owners with existing sanitary house connections, the property owners are responsible for maintenance of the entire length of house connection per MDC Sewer Ordinance § S3s, "Maintenance of Sewer Connections". As part of the Program, the District will offer emergency and non-emergency maintenance and inspection services and provide funding for scheduled renewal of the house connection upon request of the Property Owner.

For maintenance and inspection services, the District will offer the property owner a qualified registered contractor to perform sewer rodding and/or CCTV inspection services at no cost to the property owner. Alternatively, the property owner may hire their own contractor to perform the services and the District will reimburse the property owner up to \$200 for a sewer rodding and/or \$300 per CCTV inspection. Reimbursement is contingent upon the property owner obtaining a permit from Utility Services and arranging for an inspector to be on-site to witness the maintenance. Increases in reimbursement amounts will be subject to approval of the Chief Executive Officer or his/her designee. If the property owner chooses to utilize the District's qualified registered contractor, prior to the District's contractor performing any maintenance or inspection services the property owner will be required, in writing, to authorize the District and its contractor to perform the sewer rodding and/or CCTV inspection and release the District from any claims and liability for any damages incurred at the property that resulted from, or were caused by, a blockage within or the condition of the property's sewer house connection. The property owner shall also acknowledge in writing that the District is not assuming control or ownership over the house connection.

Following the maintenance and inspection services, the District will provide the property owner a report detailing the condition of the house connection based on the inspection. The District will utilize NASSCO guidelines, or other comparable industry guidelines, for assessment of the pipe's condition. If the condition report indicates that the house connection presently requires repair, then the District will schedule renewal of the house connection. The timeline for performing the renewal will be based on the condition of the pipe and the District's contractors' availability. The Property Owner must fully participate in the Backwater Valve and Private Property Inflow Disconnect Program before the District will perform renewal of the house connection.

If the condition report indicates that renewal of the house connection is not presently needed and routine maintenance can be performed to extend the life of the house connection, the District will provide the property owner with written instructions for a future maintenance plan including appropriate maintenance activities with suggested frequencies. Execution of the maintenance plan, including power rodding and/or CCTVing, will be the responsibility of the property owner at his/her own cost. The District will provide an estimated timeline for future inspection of the house connection based on the condition of the pipe and the potential likelihood of the house connection needing renewal in the future. Such timeline will be consistent with and based on criteria from the District's Capacity Management, Operations and Maintenance (CMOM) program for public sewer mains.

Renewal of Existing House Connections

Scenarios 4 & 5 relate to house connection renewals which may include pipe lining, pipe bursting or pipe replacement. Renewals must be for the full length of the house connection piping rather than only a damaged portion. If the property owner wants to point repair only a damaged section of the house connection, it will not be eligible for the Program.

For Scenario 4, the District will provide funding up to \$10,000 for the property owner to renew the private portion of the house connection. The property owner will be responsible for contracting with a licensed drainlayer or qualified, bonded and insured contractor. The District will provide the property owner its list of qualified contractors. Following completion and acceptance of the renewal work, the District will pay the contractor up to \$10,000.

For Scenario 5, if the District is rehabilitating or replacing a main line sewer under a construction contract, private property owners may participate in this program and have their house connection renewed at no cost. For circumstances where the length of the house connection or other factors make full renewal exceed \$10,000 in cost, the District reserves the right to renew the house connection under Scenario 4 where the District pays \$10,000 and the property owner would be required to pay for any work in excess of the \$10,000 limit.

At a meeting of the Bureau of Public Works held on July 12, 2023, it was:

VOTED: That the Bureau of Public Works recommends to the District Board passage of the following resolution:

RESOLVED: That the Sewer Lateral Installation Program approved in 2019 is hereby discontinued and the Sewer House Connection Program as described above and herein is hereby established:

Scenario	Sewer Type	New 6-inch House Connection in Public Right of Way	New 6-inch House Connection in Private Property	House Connection Renewal **
1	New sewer main – Layout & Assessment	District installs as part of the project, cost to property owner \$4,420* plus frontage and dwelling unit assessment	Property owner responsible for actual cost. District pays contractor and property owner repays District over time	N/A
2	Existing sewer main with existing lateral in ROW	District installed as part of the previous project, cost to property owner \$4,420* plus frontage and dwelling unit assessment	Property owner responsible for actual cost. District pays contractor and property owner repays District over time.	District responsible for public portion within the ROW.

3	Existing sewer main with no lateral in ROW	Property owner responsible for actual cost plus any assessment or connection charges due. District pays contractor and property owner repays District over time.	Property owner responsible for actual cost. District pays contractor and property owner repays District over time.	N/A
4	Existing sewer main with existing house connection to be renewed or replaced not under MDC construction contract	N/A	N/A	Property Owner hires contractor to renew or replace house connection and District will pay contractor up to \$10,000. Property owner must fully participate in BWV Program, as determined by the District, to qualify.
5	Existing sewer main with existing house connection to be renewed or replaced under MDC construction contract	N/A	N/A	With Property Owner permission, the District or its contractor will renew or replace house connection at no cost to property owner. Property owner must fully participate in BWV Program, as determined by the District, to qualify.

*\$4,420 – prevailing rate per lateral or inlet

** Renewals to include lining of lateral, require Private Property Inflow Disconnect work with prequalified contractors

Criteria of House Connection Program Scenarios 1, 2 & 3 (New House Connections):

- Properties requiring a new sanitary sewer house connection of 6" abutting an MDC sewer main. Exceptions to the lateral size or type is subject to approval of the Chief Executive Officer or his/her designee.
- Sewer house connections must be built to MDC standards by qualified, licensed, bonded and insured contractors.

- Limit of \$10,000 per property for sewer house connection installation for all work in public right-of-way and private property. Amount owed by property owner will be paid to District over fifteen years with same interest rate as sewer assessments (6%).
- Contracts and/or price quotes between the property owners and their contractors must be submitted to Utility Services for review to verify the reasonableness of the scope of work and/or cost proposal. The District reserves the right to deny any cost proposal. Any increase in the price of construction must be approved by District in order for property owner to receive any increase of District payment to contractor.
- Property owner bound to terms of the written contract with contractor.
- The property owner will be required to provide written acceptance of the completed work in order for the District to issue payment to the contractor. Failure by the property owner to provide written acceptance will not alleviate the property owner's responsibility to pay the contractor for the completed work.
- Property owner shall indemnify the District for all claims for damages arising out of the work performed at the property.
- Property owner will sign a voluntary lien to be recorded on the land records and repay the District by monthly payments as a separate line item on the water bill.
- Any deposit required by the contractor will be the sole responsibility of the property owner.
- No pre-payment penalties
- Funded from a revolving fund in the Assessable Sewer Fund

Criteria of House Connection Program Scenarios 4 & 5 (Existing House Connections)

Maintenance and/or Inspection of Existing House Connections

- The District will offer the property owner a qualified registered contractor to perform sewer rodding and/or CCTV inspection services at no cost to the property owner. Alternatively, the property owner may hire their own contractor to perform the services and the District will reimburse the property owner up to \$200 for a sewer rodding and/or \$300 per CCTV inspection. Reimbursement is contingent upon the property owner contacting Utility Services to arrange for an inspector to be on-site to witness the maintenance. Increases in reimbursement amounts will be subject to approval of the Chief Executive Officer or his/her designee.
- If the property owner chooses to utilize the District's qualified registered contractor, prior to the District's contractor performing any maintenance or inspection services the property owner will be required, in writing, to authorize the District and its contractor to perform the sewer rodding and/or CCTV inspection and release the District from any claims and liability for any damages incurred at the property that resulted from, or were caused by, a blockage within or the condition of the property's sewer house connection.

- The property owner shall also acknowledge in writing that the District is not assuming control or ownership over the house connection.
- Property owner must fully participate in BWV Program, as determined by the District, to qualify.
- Renewals shall be installed for the full length of house connection pipe. Point repairs do not qualify for the Program.
- Sewer house connections renewals must be built to MDC standards by qualified, bonded and insured contractors.

Scenario 4

- Limit of \$10,000 per property for sewer house connection renewal for all work in private property. Any costs above \$10,000 will be the property owner's responsibility and either paid at the time of work or the property owner can enter a payment plan with the District and sign a voluntary lien to be recorded on the land records.
- Contracts and/or price quotes between the property owners and their contractors must be submitted to Utility Services for review to verify the reasonableness of the scope of work and cost proposal. The District reserves the right to deny any cost proposal. Any increase in price of construction must be approved by District in order for property owner to receive increase of District payment to contractor.
- Owner bound to terms of the written contract with Contractor.
- The property owner will be required to provide written acceptance of the completed work in order for the District to issue payment to the Contractor. Failure by the property owner to provide written acceptance will not alleviate the property owner's responsibility to pay the Contractor for the completed work.
- Property owner shall indemnify the District for all claims for damages arising out of the work performed at the property.

Scenario 5

- If the District is rehabilitating or replacing a main line sewer under a construction contract, private property owners may participate in this program and have their house connection renewed at no cost to the property owner.
- For circumstances where the length of the house connection or other factors make full renewal exceed \$10,000 in cost, the District reserves the right to renew the house connection under Scenario 4 where the District pays \$10,000 and the property owner would be required to pay for any work in excess of the \$10,000 limit.
- For Scenario 5, contracts and/or price quotes between the property owners and their contractors must be submitted to Utility Services for review to verify the reasonableness of the scope of work and cost proposal. The District reserves the right to deny any price proposal. Any increase in price of construction must be approved by District in order for property owner to receive increase of District payment to contractor.

FURTHER

RESOLVED: The District's Sewer Lateral Revolving Fund, established in 2019, shall be renamed the Sewer House Connection Revolving Fund. Funding for Scenarios 1, 2 & 3 of the Sewer House Connection Program is authorized from the Sewer House Connection Revolving Fund.

FURTHER

RESOLVED: Funding for Scenarios 4 & 5 of the Sewer House Connection Program is authorized from the Clean Water Program Rate Stabilization Fund and use of any applicable grant money is hereby authorized.

Respectfully submitted,



John S. Mirtle, Esq.
District Clerk

On motion made by Commissioner Hoffman and duly seconded, the resolution was adopted by unanimous vote of those present.

**BOARD OF FINANCE
SUPPLEMENTAL APPROPRIATION OF \$129,900,000 FOR 2023
INTEGRATED PLAN AND AUTHORIZATION FOR ISSUANCE OF BONDS OR
NOTES NOT TO EXCEED \$129,900,000**

To: District Board

July 12, 2023

From: Board of Finance

The following is a list of the recommended **additional** Integrated Planning programs and Project to be funded through the MDC due to current proposals with DEEP to prioritize Project in North Hartford. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Integrated Plan

New authorizations

Sewer & Lateral Rehabilitation in North Branch Park River Drainage Area	\$ 36,120,000
Sewer & Lateral Rehabilitation in Gully Brook Drainage Area	\$33,600,000
Sewer & Lateral Rehabilitation in North Meadows Drainage Area (NM 5/6/7)	\$17,280,000
Sewer & Lateral Rehabilitation in North Meadows Drainage Area (NM 2/3/4)	\$5,520,000
Expedited Sewer Separation Contracts in North Hartford	\$15,000,000
Backwater Valve Program and Private Property Inflow Disconnections in North Hartford	\$12,200,000
Lateral Repair/Replacement/Rehabilitation Program - District Wide	\$4,000,000

Increase Existing Authorization

Program Management Consultant	\$1,180,000
Various Sewer Pipe Replacement/Rehabilitation – District Wide	\$5,000,000
Additional Integrated Plan Total	\$ 129,900,000

Program – Sewer & Lateral Rehabilitation in North Branch Park River Drainage Area

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$36,120,000		2600

Description

Design and construction of sewers and laterals within the North Branch Park River Drainage area. This Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. Work being completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan as a way to reduce Combined Sewer Overflow volumes through Inflow and Infiltration Removals. District forces may be utilized for this Program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines, laterals and structures within the North Branch Park River Drainage area.

Future Appropriations

No additional appropriation requests for this Project are anticipated over the next four years.

Bond Language

The sum of \$36,120,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the North Branch Park River Drainage Area. The PProject will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The Project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the PProject. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

Program – Sewer & Lateral Rehabilitation in Gully Brook Drainage Area

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
---------------	------------------	-------------

\$33,600,000

2600

Description

Design and construction of sewer and laterals within the Gully Brook Drainage area. This Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. Work being completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan as a way to reduce Combined Sewer Overflow volumes through Inflow and Infiltration Removals. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines, laterals and structures within the Gully Brook Drainage area.

Future Appropriations

No additional appropriation requests for this Project are anticipated over the next four years.

Bond Language

The sum of \$33,600,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the Gully Brook Drainage Area. The Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The Project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

Program – Sewer & Lateral Rehabilitation in North Meadows Drainage Area (NM 5/6/7)

Amount
\$17,280,000

Project #

Fund
2600

Description

Design and construction of sewer and laterals within the North Meadows Drainage area in the vicinity of the Combined Sewer Overflows NM-5, NM-6, and NM-7. This Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. Work being completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan as a way to reduce Combined Sewer Overflow volumes through Inflow and Infiltration Removals. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines, laterals and structures within the North Meadows Drainage area in the vicinity of CSOs NM-5, NM-6 and NM-7 in North Hartford.

Future Appropriations

No additional appropriation requests for this Project are anticipated over the next four years.

Bond Language

The sum of \$17,280,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the North Meadows Drainage Area in the vicinity of Combined Sewer Overflows NM-5, NM-6 and NM-7. The Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The Project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

Program – Sewer & Lateral Rehabilitation in North Meadows Drainage Area (NM 2/3/4)

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,520,000		2600

Description

Design and construction of sewer and laterals within the North Meadows Drainage area in the vicinity of Combined Sewer Overflows NM-2, NM-3, and NM-4. This Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. Work being completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan as a way to reduce Combined Sewer Overflow volumes through Inflow and Infiltration Removals. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines, laterals and structures within the North Meadows Drainage area in the vicinity of CSOs NM-2, NM-3 and NM-4 in North Hartford.

Future Appropriations

No additional appropriation requests for this Project are anticipated over the next four years.

Bond Language

The sum of \$5,520,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the North Meadows Drainage Area in the vicinity of Combined Sewer Overflows NM-2, NM-3 and NM-4. The Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The Project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

Program – Expedited Sewer Separation Contracts in North Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$15,000,000		2600

Description

Design and construction of new sanitary and/or storm sewers and laterals located within the North Branch Park River Drainage area, Gully Brook Drainage area, and North Meadows Drainage area as necessary to complete sewer separation work. Work being completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan as a way to reduce Combined Sewer Overflow volumes through Inflow and Infiltration Removals and may include costs associated with relocation of adjacent utilities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To eliminate and reduce the inflow and infiltration sources in North Hartford.

Future Appropriations

Additional appropriation requests for this Project may be anticipated in the future

Bond Language

The sum of \$15,000,000 is hereby appropriated for planning, design, and construction of new sanitary and/or storm water sewers and laterals within the North Branch Park River Drainage Area, Gully Brook Drainage Area and North Meadows Drainage Area as necessary to complete sewer separation work. The Project will be completed in

accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan and may include costs associated with the relocation of adjacent utilities. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

Program – Backwater Valve Program and Private Property Inflow Disconnections in North Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$12,200,000		2600

Description

This program will include the inspection of private property sewer laterals in order to identify defects and/or infiltration sources within the North Branch Park River Drainage area, Gully Brook Drainage area, and North Meadows Drainage area. The program will also include the installation and or replacement of backwater, and/or additional work required to remove private inflow sources as needed to protect customers from sewer surcharging. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To reduce or remove private inflow and infiltration sources in the North Branch Park River Drainage area, Gully Brook Drainage area and North Meadows Drainage area.

Future Appropriations

Additional appropriation requests for this Project may be anticipated in the future.

Bond Language

The sum of \$12,200,000 is hereby appropriated for the inspection of private property sewer laterals to identify defects and/or infiltration sources within the North Branch Park River Drainage Area, Gully Brook Drainage Area and North Meadows Drainage Area. The program will include the installation and/or replacement of backwater valves and/or work required to remove private inflow sources as needed to protect customers from sewer surcharging. The appropriation may also be expended for inspection, design and construction costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a

funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

Program – Lateral Repair/Replacement/Rehabilitation Program – District Wide

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,000,000		2600

Description

Design and construction of sewer laterals District-wide (not North Hartford). This Project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The replacement, rehabilitation and or upgrade of District equipment. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Replacement, rehabilitation and/or upgrade of sewer laterals District Wide.

Future Appropriations

Additional appropriation requests for this Project may be anticipated in the future

Bond Language

The sum of \$4,000,000 is hereby appropriated for the design and construction of sewer laterals District-wide. The appropriation may be expended for repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The appropriation may also be expended for design, inspection and construction costs, engineering and professional fees, mechanical, electrical, structural and architectural improvements, instrumentation, materials, equipment, legal fees and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

~~Project may be funded from the District's Rate Stabilization fund.~~ This project may utilize grant funding from the Connecticut Department of Energy and Environmental Protection (DEEP) for properties located in North Hartford area as defined by DEEP; however, there is no current agreement for grant funding District-wide (outside of North Hartford) for Sewer lateral renewals on private property. Any funds required beyond grants may be funded from the District's Rate Stabilization fund.

Program – Program Management Consultant

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,180,000		2600

Description

To satisfy the Program Management Consultant requirement for Consent Order Compliance, including legal fees, financing costs, professional fees, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead.

Purpose

To comply with Consent Order terms.

Future Appropriations

Additional appropriation requests for this Project are anticipated over the next four years.

Bond Language

The sum of \$1,180,000 is hereby appropriated for Project management consultants to ensure compliance with the Consent Order. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. This appropriation is in addition to the appropriation of \$4,000,000 approved on December 5, 2022 by the District's Board of Directors. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project.

Funding Sources

Project may be funded from the District's Rate Stabilization fund.

Program – Various Sewer Pipe Replacements/Rehabilitations – District Wide

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000		2600

Description

Design and construction of sewer system repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure located District-wide. The replacement, rehabilitation and or upgrade of District equipment. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines and structures.

Future Appropriations

Additional appropriation requests for this Project may be anticipated in the future.

Bond Language

The sum of \$5,000,000 is hereby appropriated for the planning, design and construction of the replacement and/or rehabilitation of existing sewer mains, pump stations and any related collection system appurtenances at various locations within the District, including upgrades to District equipment, electrical, mechanical, and renewable energy upgrades in addition to facility upgrades and site work at wastewater treatment facilities. The

appropriation may also be expended for water main replacements, construction and inspection costs, engineering and professional fees, materials, the replacement, rehabilitation and upgrade of District's transportation and power operated equipment fleet and related components, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the Project. District resources may be utilized for the Project. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the Project and for the payment of debt service on bonds or notes issued to pay for the Project. This appropriation is in addition to the appropriation of \$8,925,000 approved on December 5, 2022 by the District's Board of Directors.

Funding Sources

Project is eligible for a 50% grant from the Connecticut Department of Energy and Environmental Protection (DEEP) and is expected to be made available. The remaining 50% may be funded from a combination of loan under the State of Connecticut Clean Water Fund (subject to priority ranking and fund availability) and the District's Rate Stabilization fund.

At a meeting of the Board of Finance held on July 10, 2023, it was:

Voted: That the Board of Finance recommends to the District Board passage of the following resolutions from Bond Counsel

RESOLUTION MAKING A SUPPLEMENTAL APPROPRIATION OF \$129,900,000 FOR THE DISTRICT'S 2023 INTEGRATED PLAN AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$129,900,000 TO FINANCE SAID APPROPRIATION

WHEREAS, the District Board has resolved to make a supplemental appropriation and issue bonds or notes of the District for those Integrated Plan projects described in Resolutions Nos. 1 through 9 herein; and

WHEREAS, the District Board wishes to determine the form, date or dates, maturities, manner of sale and other details concerning such bonds or notes.

NOW, THEREFORE, BE IT RESOLVED:

Section 1. \$129,900,000 is hereby appropriated for the Integrated Plan projects set forth herein in the 2023 Supplemental Integrated Plan Project Resolutions Nos. 1 through 9, inclusive (collectively, referred to herein as the "Resolutions"), and bonds or notes of the District in an amount not to exceed \$129,900,000 are authorized to be issued to finance said appropriation. This appropriation is in addition to the appropriation of \$144,573,750 approved on December 5, 2022 by the District's Board of Commissioners, and represents the aggregate amount of the appropriation and authorizations set forth in the Resolutions. The bonds are authorized to be issued in one or more series in accordance with the applicable General Statutes of

Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds shall be hereafter determined by the District Board acting in accordance with the District's Charter. Said bonds shall be issued in fully registered form, be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The bonds may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board, in accordance with Connecticut laws and the District's Charter. Each of the bonds shall recite that every requirement of law relating to its issue has been duly complied with and that such bond is within every debt and other limit prescribed by law. The aggregate principal amount of the bonds to be issued, the form of issuance as serial, term or discount bonds, the dated date, final maturity, annual installments of principal, whether interest on the bonds will be fixed or variable, the rate or rates of interest, or method of determining interest rates thereon, whether such interest shall be excluded or included in gross income for federal income tax purposes, denominations, terms of redemption, if any, the date, time of issue and sale and all other terms, details and particulars of such bonds shall be determined by the District Board, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. It is hereby found and determined that the issuance of any such bonds the interest on which is included in gross income for federal income tax purposes is in the public interest. The bonds may be sold by competitive bid or negotiated sale, as determined by the District Board. If sold by negotiated sale, the form and details of the bond purchase agreement for the sale of the bonds shall be determined by the District Board.

Section 2. The Treasurer and the Deputy Treasurer are authorized to make temporary borrowings in anticipation of the receipt of the proceeds of said bonds. Notes or certificates of indebtedness evidencing such borrowings may be sold by competitive bid or negotiated sale, as determined by the Treasurer or Deputy Treasurer, in such manner as shall be determined by said officers. Said notes or certificates of indebtedness shall be issued in fully registered form, be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer, and bear the District seal or a facsimile thereof. The notes or certificates of indebtedness may be secured by the full faith and credit of the District and/ or by special revenues of the District pledged thereto by the District Board, in accordance with Connecticut laws and the District's Charter. Each of the notes shall recite that every requirement of law relating to its issue has been duly complied with and that such note is within every debt and other limit prescribed by law. The net interest cost on such notes or certificates of indebtedness, including renewals thereof, and the expense of preparing, issuing and marketing them, to the extent paid from the proceeds of such

renewals or said bonds, shall be included as a cost of the project. Upon the sale of the bonds, the proceeds thereof, to the extent required, shall be applied forthwith to the payment of the principal of and the interest on such notes or certificates of indebtedness then outstanding or shall be deposited with a bank or trust company in trust for such purpose.

Section 3. In connection with the issuance of the bonds, notes or certificates of indebtedness authorized hereunder and pursuant to the Resolutions (“Authorized Obligations”), the District Board is hereby authorized to approve the terms and conditions of, including necessary covenants, limitations and restrictions on, the District necessary to obtain standby bond purchase agreements, letters of credit, lines of credit, financial guaranty insurance policies, guarantees of the District or third parties, surety agreements or any similar agreements (“Credit Facilities”) with one or more financial institutions providing Credit Facilities (“Credit Facility Providers”) to provide for additional security for and the purchase upon tender of the Authorized Obligations, if any, under circumstances set forth in the Indentures (defined herein). Credit Facilities shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer.

Section 4. In connection with the issuance of Authorized Obligations, interim funding obligations and project loan obligations under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended, the so-called “Drinking Water Program” (“Drinking Water Obligations”) or under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended, the so-called “Clean Water Fund Program” (“Clean Water Fund Obligations”), the District Board is hereby authorized to approve the terms and conditions of indentures of trust or other instruments of trust (“Indentures”) with commercial banks or national banking associations with trust powers or trust companies to be appointed by the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer (“Trustees”), which provide for, among other things, the rate of rates of interest, or method of determining interest rates thereon, procedures for conducting auctions in an auction rate mode, the denominations, the tender rights of holders, if any, the rights of redemption and redemption prices, the payment of certain fees, the imposition of certain covenants, limitations and restrictions on the District necessary to issue the variable rate bonds, and the execution of various other instruments. Indentures shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer. The Chairman or Vice Chairman and the Treasurer or Deputy Treasurer are authorized to execute and deliver to the State of Connecticut a project loan and project grant agreement and/or project loan and subsidy agreement under the State’s Clean Water Fund Program and the State’s Drinking Water Program and apply for and accept or reject any federal, state or other grants-in-aid for the project.

Section 5. In connection with the issuance of Authorized Obligations bearing interest at variable interest rates, the District Board is hereby authorized to approve the terms and conditions of, including necessary covenants, limitations and restrictions on

the District necessary to enter into, remarketing agreements, broker-dealer agreements, auction agency agreements and other agreements (the "Reoffering Agreements") with remarketing agents, investment banking firms or other financial institutions to be appointed by the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer ("Reoffering Agents"), which provide for, among other things, the terms and conditions for reoffering Authorized Obligations bearing interest at variable interest rates, the Reoffering Agents' compensation and the disclosure of the District's financial condition. Reoffering Agreements shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer.

Section 6. In connection with the issuance of Authorized Obligations, if permitted by Connecticut laws and the District's Charter, the District Board is hereby authorized to approve the terms and conditions of, including necessary covenants, limitations and restrictions on the District necessary to obtain an interest rate swap agreement, together with applicable annexes, schedules and confirmations thereto, contracts to manage interest rate risk, including interest rate caps, options, puts, calls or similar arrangements, or such other agreements permitted by Connecticut laws and the District's Charter ("Swap Agreements"), with one or more counterparties to be selected by the Chairman or Vice Chairman and Treasurer or Deputy Treasurer, as Swap Provider (the "Swap Providers"), which provides for, among other things, the effective date or dates of the Swap Agreements, the rate of interest to be paid by the District to the Swap Providers on the principal amount of the bonds (which may be a fixed rate or a variable rate based on an index determined by the Chairman or Vice Chairman and Treasurer or Deputy Treasurer), the rate of interest to be received by the District from the Swap Providers (which may be a fixed rate or a variable rate based on an index determined by the Chairman or Vice Chairman and Treasurer or Deputy Treasurer), the payment of certain fees, the imposition of certain covenants, limitations and restrictions on the District and the execution of various other instruments. Swap Agreements shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer. To the extent provided by Connecticut laws, the full faith and credit of the District may be pledged to any and all payments to be made by the District with respect to the Swap Agreements, including, any termination or netting payments to be made by the District.

Section 7. The Chairman or Vice Chairman and Treasurer or Deputy Treasurer are hereby authorized, on behalf of the District, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") or any other information depository, and to provide notices to the MSRB or such depository of material events as enumerated in the Securities and Exchange Commission Securities Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds, notes and certificates of indebtedness authorized by this Resolution. Any agreements or representations to provide information to the MSRB made prior hereto are hereby confirmed, ratified and approved.

Section 8. The District hereby expresses its official intent pursuant to Treasury Regulations Section 1.150-2 to reimburse expenditures of not more than \$129,900,000 paid up to 60 days prior to the date of passage of this Resolution in connection with the Resolutions with the proceeds of Authorized Obligations, Drinking Water Obligations or Clean Water Fund Obligations. Said obligations shall be issued to reimburse such expenditures not later than 18 months after the later of the date of the expenditure or such later date as such Regulations may authorize. The District hereby certifies that the intention to reimburse as expressed herein is based upon its reasonable expectations as of this date. The Chairman or Vice Chairman and the Treasurer or Deputy Treasurer is each individually authorized to pay project expenses in accordance herewith pending the issuance of the Authorized Obligations. This Section is included herein solely for purposes of compliance with Treasury Regulations Section 1.150-2 and may not be used or relied on for any other purpose.

Section 9. In connection with the issuance of Authorized Obligations, Drinking Water Obligations or Clean Water Fund Obligations, the District Board is hereby authorized to, and if any such action shall heretofore have been taken, such action is hereby ratified and confirmed, (a) publish such notices, hold such hearings, make such representations and agreements, and take such other actions as shall be necessary to enable bond counsel to render its opinions as to the validity of said obligations and the exclusion of the interest thereon, if applicable, from gross income for federal income tax purposes, (b) make, execute and deliver all such additional and supplemental documents, including, but not limited to, any tax compliance agreements, tax certificates, tax forms, investment agreements or assignments, and (c) do and perform such acts and take such actions as may be necessary or required for the consummation of the transactions provided for and contemplated by this Resolution.

Section 10. The provisions contained in Sections 1 through 9 of this Resolution shall apply to the 2023 Supplemental Integrated Plan Project Resolutions Nos. 1 through 9, inclusive, herein; and the District Board hereby finds and determines that each project described in Resolutions Nos. 1 through 9 is a single item of capital expense not regularly recurring.

Section 11. In accordance with Section 2 of Public Act No. 15-114, the Board of Commissioners anticipates that fifty percent (50%) of the amount appropriated for each individual project specified in Resolutions No. 1 through 6 and Resolution No. 9 shall be funded by grants.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 1

RESOLUTION APPROPRIATING \$36,120,000 FOR SEWER AND LATERAL REHABILITATION IN THE NORTH BRANCH PARK RIVER DRAINAGE AREA AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$36,120,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$36,120,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the North Branch Park River Drainage Area. The project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$36,120,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and

credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 2

RESOLUTION APPROPRIATING \$33,600,000 FOR SEWER AND LATERAL REHABILITATION IN THE GULLY BROOK DRAINAGE AREA AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$33,600,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$33,600,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the Gully Brook Drainage Area. The project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$33,600,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations

in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 3

RESOLUTION APPROPRIATING \$17,280,000 FOR SEWER AND LATERAL REHABILITATION IN THE NORTH MEADOWS DRAINAGE AREA (NM-5, NM-6 AND NM-7) AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$17,280,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$17,280,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the North Meadows Drainage Area in the vicinity of Combined Sewer Overflows NM-5, NM-6 and NM-7. The project will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$17,280,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts

of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 4

RESOLUTION APPROPRIATING \$5,520,000 FOR SEWER AND LATERAL REHABILITATION IN THE NORTH MEADOWS DRAINAGE AREA (NM-2, NM-3 AND NM-4) AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$5,520,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$5,520,000 is hereby appropriated for the planning, design and construction of sewers and laterals within the North Meadows Drainage Area in the vicinity of Combined Sewer Overflows NM-2, NM-3 and NM-4. The project

will include repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$5,520,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to

its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 5

RESOLUTION APPROPRIATING \$15,000,000 FOR EXPEDITED SEWER SEPARATION CONTRACTS IN NORTH HARTFORD AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$15,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$15,000,000 is hereby appropriated for planning, design, and construction of new sanitary and/or storm water sewers and laterals within the North Branch Park River Drainage Area, Gully Brook Drainage Area and North Meadows Drainage Area as necessary to complete sewer separation work. The project will be completed in accordance with the Combined Sewer Overflow Long Term Control Plan/Integrated Plan and may include costs associated with the relocation of adjacent utilities. The appropriation may also be expended for construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$15,000,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the

District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 6

RESOLUTION APPROPRIATING \$12,200,000 FOR THE BACKWATER VALVE PROGRAM AND PRIVATE PROPERTY INFLOW DISCONNECTIONS IN NORTH HARTFORD AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$12,200,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$12,200,000 is hereby appropriated for the inspection of private property sewer laterals to identify defects and/or infiltration sources within the North Branch Park River Drainage Area, Gully Brook Drainage Area and North Meadows Drainage Area. The program will include the installation and/or replacement of backwater valves and/or work required to remove private inflow sources as needed to protect customers from sewer surcharging. The appropriation may also be expended for inspection, design and construction costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$12,200,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter.

The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 7

RESOLUTION APPROPRIATING \$4,000,000 FOR THE REPAIR, REPLACEMENT AND REHABILITATION OF SEWER LATERALS IN THE DISTRICT

Section 1. The sum of \$4,000,000 is hereby appropriated for the design and construction of sewer laterals District-wide. The appropriation may be expended for repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. The appropriation may also be expended for design, inspection and construction costs, engineering and professional fees, mechanical, electrical, structural and architectural improvements, instrumentation, materials, equipment, legal fees and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source

for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$4,000,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

RESOLUTION APPROPRIATING \$1,180,000 FOR PROJECT MANAGEMENT CONSULTANTS

Section 1. The sum of \$1,180,000 is hereby appropriated for project management consultants to ensure compliance with the Consent Order. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. This appropriation is in addition to the appropriation of \$4,000,000 approved on December 5, 2022 by the District's Board of Commissioners. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project.

Section 2. To finance said appropriation, \$1,180,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 SUPPLEMENTAL INTEGRATED PLAN PROJECT RESOLUTION NO. 9

RESOLUTION APPROPRIATING \$5,000,000 FOR VARIOUS SEWER PIPE REPLACEMENTS AND REHABILITATIONS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$5,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$5,000,000 is hereby appropriated for the planning, design and construction of the replacement and/or rehabilitation of existing sewer mains, pump stations and any related collection system appurtenances at various locations within the District, including upgrades to District equipment, electrical, mechanical, and renewable energy upgrades in addition to facility upgrades and site work at wastewater treatment facilities. The appropriation may also be expended for water main replacements, construction and inspection costs, engineering and professional fees, materials, the replacement, rehabilitation and upgrade of District's transportation and power operated equipment fleet and related components, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead. The District's Rate Stabilization Fund may be utilized as a funding source for the project and for the payment of debt service on bonds or notes issued to pay for the project. This appropriation is in addition to the appropriation of \$8,925,000 approved on December 5, 2022 by the District's Board of Commissioners.

Section 2. To finance said appropriation, \$5,000,000 of bonds or notes of the District are authorized to be issued in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, project loan and project grant agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or the Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

Respectfully submitted,

A handwritten signature in black ink that reads "John Mirtle". The signature is written in a cursive, slightly stylized font.

John S. Mirtle, Esq.
District Clerk

Commissioner Pane moved to amend the resolution as shown in redline above. The motion was duly seconded and the resolution amended by unanimous vote of those present.

On motion made by Commissioner Salemi and duly seconded, the resolution, as amended in redline above, was adopted by unanimous vote of those present.

**BOARD OF FINANCE
CLOSEOUT OF WATER, SEWER, COMBINED & CLEAN WATER PROJECTS**

To: District Board

July 12, 2023

From: Board of Finance

The following represents 29 Capital Projects and 5 Clean Water Projects for your review and approval to close. Capital projects listed here have been reviewed and staff has concluded that these projects have been completed, cancelled or had a change of scope to the project. As a result, the remaining funds are no longer required and we are now requesting that the funds be deauthorized.

Sewer projects that are deauthorized with a remaining balance will increase our ability to issue more debt by this balance, while water funded projects that are deauthorized do not affect our debt limit.

Clean Water projects have no remaining balances as any remaining balances have been liquidated and transferred to fund other projects.

A brief summary is below:

	Appropriation	Expended Amount	Remaining Balance (Deauthorize)
Water (11)	\$ 35,005,641.29	\$ 30,027,232.07	\$ 4,978,409.22
Sewer (14)	42,658,209.00	24,802,668.28	17,855,540.72
Combined (4)	14,300,000.00	11,493,882.60	2,806,117.40
Total - Capital (29)	\$ 91,963,850.29	\$ 66,323,782.95	\$ 25,640,067.34
Clean Water I (2)	\$ 39,785,790.76	\$ 39,785,790.76	\$ -
Clean Water II (3)	182,840,198.20	182,840,198.20	-
Total - Clean Water (5)	\$ 222,625,988.96	\$ 222,625,988.96	\$ -

Finance has worked diligently with Procurement, Engineering, Facilities & Maintenance, Water Pollution Control and Water Treatment to review all of the following projects for closure.

WATER CAPITAL PROJECTS

Project Definition	Year	BA	Project Description	Town	Appropriation	Expended Amount	Remaining Balance (Deauthorize)
C-99M12/WAT.CW1329.01	2012	2120	Radio Frequency Automated Meter Reading	Various	\$ 5,000,000.00	\$ 4,242,335.85	\$ 757,664.15
	2012 Total				5,000,000.00	4,242,335.85	757,664.15
C-13002/WAT.CW1359.01	2013	2120	Asset Management Water Main Replacement	Various	4,460,000.00	3,054,136.20	1,405,863.80
C-13003/WAT.CW1362.02	2013	2120	Water Treatment Facilities Upgrades	Various	2,160,000.00	1,461,163.24	698,836.76
C-13010/WAT.CW1385.01	2013	2120	General Purpose Water	Various	3,860,000.00	3,829,950.27	30,049.73
	2013 Total				10,480,000.00	8,345,249.71	2,134,750.29
C-14002/WDS.DM0114.01	2014	2120	Water Main Replacement-Wethersfield	Wethersfield	3,700,000.00	2,683,704.93	1,016,295.07
C-14011/WTF.TP0014.01	2014	2120	Water Treatment Facilities Upgrades	Various	2,300,000.00	2,244,860.24	55,139.76
	2014 Total				6,000,000.00	4,928,565.17	1,071,434.83
C-17000/WDS.DM0017.01	2017	2120	General Purpose Water Program	Various	2,000,000.00	1,991,725.01	8,274.99
	2017 Total				2,000,000.00	1,991,725.01	8,274.99
C-18000/WDS.DM0018.01	2018	2120	General Purpose Water	Various	2,000,000.00	1,986,065.50	13,934.50
	2018 Total				2,000,000.00	1,986,065.50	13,934.50
C-19005/WDS.DM1019.06	2019	2120	Oakwood Avenue Area Water Main Replacement - Phases I & II	West Hartford	3,000,000.00	2,007,649.54	992,350.46
C-99P19	2019	2120	Paving Program & Restoration	Various	5,000,000.00	5,000,000.00	-
	2019 Total				8,000,000.00	7,007,649.54	992,350.46
C-21017	2021	2120	AWMR-Contract#3 Change Order #5	Various	1,525,641.29	1,525,641.29	-
	2021 Total				1,525,641.29	1,525,641.29	-
	Grand Total				\$ 35,005,641.29	\$ 30,027,232.07	\$ 4,978,409.22

SEWER CAPITAL PROJECTS

Project Definition	Year	BA	Project Description	Town	Appropriation	Expended Amount	Remaining Balance (Deauthorize)
C-09003/WWA.CS1135.01	2009	2110	Hartford Odor Control Construction	Hartford	\$ 4,888,000.00	\$ 3,396,121.13	\$ 1,491,878.87
	2009 Total				4,888,000.00	3,396,121.13	1,491,878.87
C-11004/WWA.CS1167.01	2011	2110	2011 WPC Renewal & Replacements	Various	2,250,000.00	2,168,835.54	81,164.46
	2011 Total				2,250,000.00	2,168,835.54	81,164.46
C-12004/WWA.CS1175.01	2012	2110	2012 Fishfry Pump St Upgrade	Hartford	1,472,000.00	176,199.45	1,295,800.55
	2012 Total				1,472,000.00	176,199.45	1,295,800.55
C-13008/WWA.CS1219.01	2013	2110	WPC Plant Infrastructure Renewal and Replacements	Various	1,090,000.00	806,727.24	283,272.76
C-13009/WWA.CS1220.01	2013	2110	WPC SCADA Upgrades	Various	1,260,000.00	744,444.70	515,555.30
	2013 Total				2,350,000.00	1,551,171.94	798,828.06
C-14012/SCS.SR0014.04	2014	2110	Various Sewer Pipe Replacement/Rehab District Wide	Various	5,000,000.00	3,955,289.86	1,044,710.14
	2014 Total				5,000,000.00	3,955,289.86	1,044,710.14
C-15013/WPC.FA0115.02	2015	2110	Hartford WPCF FOG Receiving Facility (GT Solids)	Hartford	3,600,000.00	-	3,600,000.00
C-15014/WPC.FA0115.03	2015	2110	Hartford WPCF Odor Control Construction (GT Solids)	Hartford	5,000,000.00	-	5,000,000.00
C-15022/SCS.SR0015.02	2015	2110	CCTV Generated Sewer Contract	Hartford	1,200,000.00	464,835.17	735,164.83
C-15024/SCS.SR0015.05	2015	2110	Sanitary Sewer Easement Acquisitions & Improvements	Various	3,600,000.00	3,298,238.91	301,761.09
C-15028/SCS.SR0015.04	2015	2110	General Purpose Sewer	Various	2,698,209.00	2,619,738.27	78,470.73
	2015 Total				16,098,209.00	6,382,812.35	9,715,396.65
C-19014/SCS.SR1019.05	2019	2110	2019 Oakwood Avenue Area Sewer Replacement - Phase I	West Hartford	7,000,000.00	3,572,238.01	3,427,761.99
C-99P19	2019	2110	2019 Paving Program & Restoration	Various	3,000,000.00	3,000,000.00	-
	2019 Total				10,000,000.00	6,572,238.01	3,427,761.99
C-21000	2021	2110	2021 New Park Avenue Sewer Replacement	West Hartford	600,000.00	600,000.00	-
	2021 Total				600,000.00	600,000.00	-
	Grand Total				\$ 42,658,209.00	\$ 24,802,668.28	\$ 17,855,540.72

COMBINED CAPITAL PROJECTS

Project Definition	Year	BA	Project Description	Town	Appropriation	Expended Amount	Remaining Balance (Deauthorize)
C1H02	2022	2130	Survey & Construction	MDC	\$ 2,500,000.00	\$ 1,732,245.06	\$ 767,754.94
C1H03	2022	2130	Engineering Services	MDC	4,800,000.00	3,779,000.44	1,020,999.56
C1H04	2022	2130	Construction Services	MDC	2,000,000.00	1,484,958.37	515,041.63
C1H05	2022	2130	Technical Services	MDC	5,000,000.00	4,497,678.73	502,321.27
	2022 Total				\$ 14,300,000.00	\$ 11,493,882.60	\$ 2,806,117.40

CLEAN WATER FUND PROJECT PROGRAMS

Project Definition	Year	BA	Project Description	Town	Appropriation	Expended Amount	Remaining Balance (Deauthorize)
C-15004/CW1.CONSB.R.03	2015	2300	Kane Brook Design	Hartford	\$ 1,157,311.77	\$ 1,157,311.77	\$ -
C-15037/CW1.TUNTHS.00	2015	2300	South Hartford Conveyance Tunnel Design & Contract 1	MDC	38,628,478.99	38,628,478.99	-
		2300 Total			39,785,790.76	39,785,790.76	-
C-14000/CW2.WTFHAR.21	2014	2400	Wet Weather Expansion Project #2012-21	Hartford	181,897,496.02	181,897,496.02	-
C-15033/CW2.TUNSTH.04	2015	2400	South Hartford Conveyance Tunnel Contract #4	Hartford	50,000.00	50,000.00	-
C-16012/CW2.NSSGRA.04	2016	2400	Sanitary Sewer Evaluation Bloomfield	Hartford	892,702.18	892,702.18	-
		2400 Total			182,840,198.20	182,840,198.20	-
		Grand Total			\$ 222,625,988.96	\$ 222,625,988.96	\$ -

At a meeting of the Board of Finance held on Monday, July 10, 2023, it was:

Voted: That the Board of Finance recommends to the District Board passage of the following resolution:

Resolved: That the District Board approves appropriation closeouts for the projects listed above.

Respectfully Submitted,



John S. Mirtle, Esq.
District Clerk

On motion made by Commissioner Pane and duly seconded, the resolution was adopted by unanimous vote of those present.

**COMMITTEE ON MDC GOVERNMENT
SEWER ORDINANCE REVISIONS**

To: District Board

July 12, 2023

From: Committee on MDC Government

District staff, through the Office of District Counsel, submits the following ordinance revisions to The Metropolitan District Sewer Ordinances for consideration by the Committee on MDC Government.

At a meeting of the Committee on MDC Government held on July 10, 2023, it was:

VOTED: That the Committee on MDC Government recommends to the District Board passage of the following resolution:

RESOLVED: That the following revisions to The Metropolitan District Sewer Ordinances be adopted as follows:

SEWER ORDINANCES:**§ S3c “CONNECTIONS TO SEWERS”****§ S3s “MAINTENANCE OF SEWER CONNECTIONS”****§ S3t “SEWER STOPPAGES”****§ S3u “REPAIR OF HOUSE CONNECTIONS CAUSING STREET CAVITIES”****SEC. S3c CONNECTIONS TO SEWERS**

No person shall make any connection to any public sewer of the District or appurtenance thereof, or to any pipe or appurtenance discharging thereinto, or remove or disconnect any existing connection thereto, except as provided in this ordinance; provided, plumbing work and fixtures within buildings and similar structures may be built and connected as provided by local or state plumbing codes, laws and regulations and by permits issued thereunder. For new house connections to the District’s sewer, as defined in Section S1b(13)-House Connections, the property owner may, at his or her election, request to participate in the District’s Sewer House Connection Program (“SHCP”) established by the Bureau of Public Works, as may be modified or amended from time to time. Subject to certain requirements, including the payment of any applicable assessments, the SHCP provides property owners with the option to pay for a new house connection over time as part of their monthly water bill.

The District may, in coordination with or as part of a District or member town’s capital improvement project, elect to replace or reline a property’s sewer house connection at no cost to the property owner.

SEC. S3s MAINTENANCE OF SEWER CONNECTIONS

Maintenance and repair of the entire length of house connections (as defined in § S 1b(14)) shall, at all times, ~~be~~ the responsibility of the property owner. When maintenance or repair of an existing house connection is needed, the property owner may request to participate in **the District's Sewer House Connection Program ("SHCP")** established by the Bureau of Public Works, as may be modified or amended from time to time. If the requirements of the ~~SHCP~~Power House Connection Program are met, the District, ~~or will pay~~ its contractor, ~~or the property owner's qualified contractor, directly or as reimbursement to~~ the property owner, the approved cost for repair, replacement or lining of the ~~an~~ existing sewer house connection, at no cost to the Property Owner. If the requirements of the SHCP are not met, ~~or if the property owner chooses to not participate in the District's program,~~ all maintenance and any repair expenses are borne by the property owner and will not be reimbursed by the District. If the property owner chooses to not participate in the District's program, the District will reimburse the property owner as long as the house connection cost estimate was approved, permitted and inspected by the District.

SEC. S3t SEWER STOPPAGES

In the event of complaint regarding a sewer stoppage, the District will ascertain if the main sewer is clear of any blockage, and if not clear, any blockage(s) therein will be relieved by the District as quickly as possible.

If the main (public) sewer is found by the District to be clear of any blockages, the Owner will be so informed. The Owner is responsible to address the any blockage in the house connection, and may, at his/her own expense, employ a licensed plumber, cleaner or licensed drain layer to clear any blockage/stoppage within the sewer house connection.

Alternatively, the Owner may request to participate in the District's Sewer House Connection Program established by the Bureau of Public Works, as may be modified or amended from time to time. If the requirements of the SHCP are met, the District or its contractor, will power rod the house connection to clear a blockage, at no cost to the Owner. If repair, replacement or relining the sewer house connection is required, the District, its contractor or the property owner's ~~ies~~ qualified contractor will perform the work at no cost to the Owner. If the Owner elects to participate in the SHCP, the District will make reasonable efforts to clear the blockage in a timely manner and notify the Owner of the anticipated schedule of repair. The owner can choose to hire its own qualified contractor to perform this work to avoid possible loss of service or property damage. In any case, the Owner maintains the responsibility for any necessary repairs to the house connection, and shall be the party ultimately responsible for determining whether the anticipated schedule for maintenance/repair under the SHCP will resolve any blockages or other issues in the sewer house connection in a timely manner. If the Owner determines that the anticipated schedule for maintenance/repair under the SHCP is not timely, the Owner will not be eligible for the SHCP, however the Owner can be reimbursed provided the contractor is qualified by the District, the cost estimate for maintenance/repair is consistent with the District's cost for outside contractors, and any required District permits are issued and inspections satisfactorily completed.

Prior to any cleaning or repair being performed under the SHCP, the Owner shall, in writing: (1) authorize the District or its contractor to perform work on and within the property and house connection; (2) acknowledge that by performing the work the District does not assume ownership of, or have a continued obligation to maintain or repair, the house connection; and (3) release the District from liability for future potential damages arising from, or related to,

the timeliness or scheduling of any planned maintenance or repair work and damages that may occur as a result of the condition of the house connection prior to performance of the work by the District or its contractor.

In the event only that portion of the house connection located within the public right of way requires maintenance or repair, ~~Where necessary,~~ the District will power rod, replace, repair or line/renew that portion, at no cost to the Owner.

It is to be understood that maintenance of the house connection as defined herein is entirely the Owner's responsibility.

SEC. S3u REPAIR OF HOUSE CONNECTIONS CAUSING STREET CAVITIES

Whenever the District is informed or learns that a cavity, depression or other abnormality in the public street is or may be caused by the condition of the main (public)-sewer or house connection, the District will ascertain if the main public sewer or the sewer house connection within the public right of way is the cause of the street cavity, depression or other abnormality.

If the District determines that such cavity within the public street is caused or contributed to by the condition of the main public sewer or the condition of that by disrepair in the portion of the house connection located within the public right of way~~sewer the house connection within the said street~~, the District shall proceed to excavate and make the necessary repairs._or have its contractor do so.

If, as determined by the District, that: (1) disrepair of the house connection ~~from the end of the public right of way to on in the house private property lands~~ outside the public right of way is the cause of any cavity, depression or other abnormality within the public right of way; (2) the condition of the house connection from the end of the public right of way to the house connection located ~~on in private property lands~~ allows or may allow the discharge of excluded or non-permissible wastes to the public sewer; or (3) any house connection is not properly maintained, the Owner will be so informed and the Owner may then, at his/her own expense, employ a licensed plumber, cleaner or licensed drain layer to repair the house connection or take such measures as are necessary to address the condition of the house connection.

Alternatively, the Owner may request to participate in the District's SHCP established by the Bureau of Public Works, as may be modified or amended from time to time. If the requirements of the SHCP are met, the District or its contractor will power rod the house connection to clear a blockage at no cost to the Owner, if applicable. If repair, replacement or relining the sewer house connection is required, the District, ~~or its contractor~~ or the property owner's qualified contractor will perform the work at no cost to the Owner. If the Owner elects to participate in the SHCP, the District will make reasonable efforts to clear ~~the~~ any blockage in a timely manner and notify the Owner of the anticipated schedule of repair. In any case, ~~the~~ the Owner maintains the the responsibility for any necessary repairs to the house connection and shall be the party ultimately responsible for determining whether the anticipated schedule for maintenance/repair under the SHCP will resolve any blockages or other issues in the sewer house connection in a timely manner. If the Owner determines that the anticipated schedule for maintenance/repair under the SHCP is not timely, the Owner will not be eligible for the SHCP; however the Owner can be reimbursed provided the contractor

is qualified by the District, the cost estimate for maintenance/repair is consistent with the District's cost for outside contractors, and any required District permits are issued and inspections satisfactorily completed.

Prior to any cleaning or repair being performed under the SHCP, the Owner shall, in writing: (1) authorize the District or its contractor to perform work on and within the property and house connection, ~~including on private property~~; (2) acknowledge that by performing the work the District does not assume ownership of, or have a continued obligation to maintain or repair, the house connection; and (3) release the District from liability for future potential damages arising from, or related to, the timeliness or scheduling of any planned maintenance or repair work and damages that may occur as a result of the condition of the house connection prior to performance of the work by the District or its contractor.

Respectfully submitted,



John S. Mirtle, Esq.
District Clerk

Commissioner Pane moved to amend the resolution as shown in redline above. The motion was duly seconded and the resolution amended by unanimous vote of those present.

On motion made by Commissioner Pane and duly seconded, the resolution was adopted, as amended in redline above, by unanimous vote of those present.

OPPORTUNITY FOR GENERAL PUBLIC COMMENTS

Alyssa Peterson, of Hartford, stated that the MDC has known a long time about the flooding in North Hartford and that Wethersfield got the Cove issues taken care of because of efforts from an elite member of the community who was a descendant of a Mayflower passenger. She also stated that the MDC needs to design a website that clearly shows step-by-step efforts that have been taken to address flooding in Hartford.

Bridgette Prince, of East Hartford, thanked Commissioner Taylor for his comments at the meetings held on July 10th. She also wanted to know when the MDC will start working on these projects.

Eileen Nelson, of Lyme Street in Hartford, shared her story of four to five sewer backups that have occurred at her home. She asked if the MDC will do something in that area of Hartford to address sewer backups and hopes that the MDC does not forget about the people near Lyme Street and Pine Brook Drive.

Cynthia Jennings, of Hartford, wants information to go out to the community to let people know where the separation work will be done, as well as something in writing about who residents should contact if they have issues or need to file a claim, not just on the website. She also wants there to be communication as to what changes will occur in the area where work is being done so residents have expectations set.

Preston Neal, of Penny Construct Co., expressed his concern about homeowners selecting contractors for backwater valve installations and thinks that there needs to be guidelines for the installations.

ADJOURNMENT

The meeting was adjourned at 6:45 PM

ATTEST:

John S. Mirtle, Esq.
District Clerk

Date of Approval