



The Metropolitan District
water supply · environmental services · geographic information

**WATER BUREAU
SPECIAL MEETING
WEDNESDAY, SEPTEMBER 27, 2023
5:30 PM**

Location

Board Room
District Headquarters
555 Main Street, Hartford

Dial in #: (415)-655-0001
Access Code: 2317 644 0175#

[Meeting Video Link](#)

Commissioners

Adil (VC)	Lewis
Anderson	Mandyck
Buell	Pane (C)
Desai	Petoskey
DiBella (Ex-Officio)	Salemi
Gardow	Taylor
Holloway	

Quorum: 7

1. CALL TO ORDER
2. PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS
3. APPROVAL OF MEETING MINUTES OF AUGUST 30, 2023
4. CONSIDERATION AND POTENTIAL ACTION RE: RAW WATER MASTER PLAN AND RATE STABILIZATION FUND
5. CONSIDERATION AND POTENTIAL ACTION RE: POTENTIAL PURCHASE OF REAL ESTATE IN NEW HARTFORD (EXECUTIVE SESSION)
6. OPPORTUNITY FOR GENERAL PUBLIC COMMENTS
7. COMMISSIONER REQUESTS FOR FUTURE AGENDA ITEMS
8. ADJOURNMENT

**WATER BUREAU
REGULAR MEETING**
555 Main Street, Hartford
Wednesday, August 30, 2023

Present: Commissioners Andrew Adil, Dimple Desai, Peter Gardow, Jean Holloway, Dominic Pane, Pasquale Salemi, Alvin Taylor and District Chairman William DiBella (8)

**Remote
Attendance:** (0)

Absent: Commissioners Kyle Anderson, Clifford Avery Buell, Diane Lewis, Jon Petoskey and Special Representative Michael Carrier (5)

Also

Present: Commissioner Richard Bush
Commissioner John Gale
Commissioner Byron Lester (Remote Attendance)
Scott W. Jellison, Chief Executive Officer
Christopher Stone, District Counsel
John S. Mirtle, District Clerk
Christopher Levesque, Chief Operating Officer (Remote Attendance)
Kelly Shane, Chief Administrative Officer
Robert Barron, Chief Financial Officer (Remote Attendance)
Susan Negrelli, Director of Engineering
David Rutt, Director of Operations
Tom Tyler, Director of Facilities
Jessica Coelho, Project Manager
David Banker, Senior Project Manager
Jason Waterbury, Manager of Engineering Services
Ray Baral, Assistant Manager of Water Treatment
Jeff King, Construction Manager
Nick Salemi, Communications Administrator
Julie Price, Executive Assistant
David Baker, IT Consultant (Remote Attendance)
Joseph Szerejko, Independent Consumer Advocate (Remote Attendance)

CALL TO ORDER

The meeting was called to order by Chairman Pane at 5:37 PM.

PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS

Judy Allen spoke on Agenda Item # 4 "Economic Development Rate" and stated that our water and sewer ordinances never use the term "economic development rate." Instead, they are

discount rates for large volume users. Ms. Allen looked at Regional Water Authority's economic development rate for customers the local towns and cities.

Independent Consumer Advocate Joseph Szerejko spoke on Agenda Item #4 "Economic Development Rate" and reminded the Bureau of comments made by the prior Independent Consumer Advocate David Silverstone in February 2020 that the rate should have fixed terms for incentives, conditioning the applicability of the rate on yearly consumption requirements, making it applicable beyond large users or distressed businesses, and making it more malleable so it can apply in more circumstances. Attorney Szerejko noted that one of the rationales in 2020 was that MDC was the only water company in Connecticut that did not have a large user rate. He urged that the rate be reexamined and potentially repealed.

APPROVAL OF MEETING MINUTES

On a motion made by Commissioner Gardow and duly seconded, the Meeting Minutes of April 24, 2023 and June 13, 2023 were passed by unanimous vote of those present.

ECONOMIC DEVELOPMENT RATE

Senior Project Manager David Banker and Chief Executive Officer Scott Jellison led a discussion about the economic development rate, specifically historical usage by Niagara Bottling.

RAW WATER MASTER PLAN

Project Manager Jessica Coelho led the Raw Water Master Plan discussion. The presentation outlined the work over the last six years to prepare the raw water master plan and gave the Water Bureau recommendations on how to move forward with the plan.



Water Bureau Meeting, Agenda Item #5

August 30, 2023

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Progress to Date

2017-2018

- Hired Consultant
- Workshops
- Site Visits
- Initial Plan

2019

- Condition Assessments

2020-2021

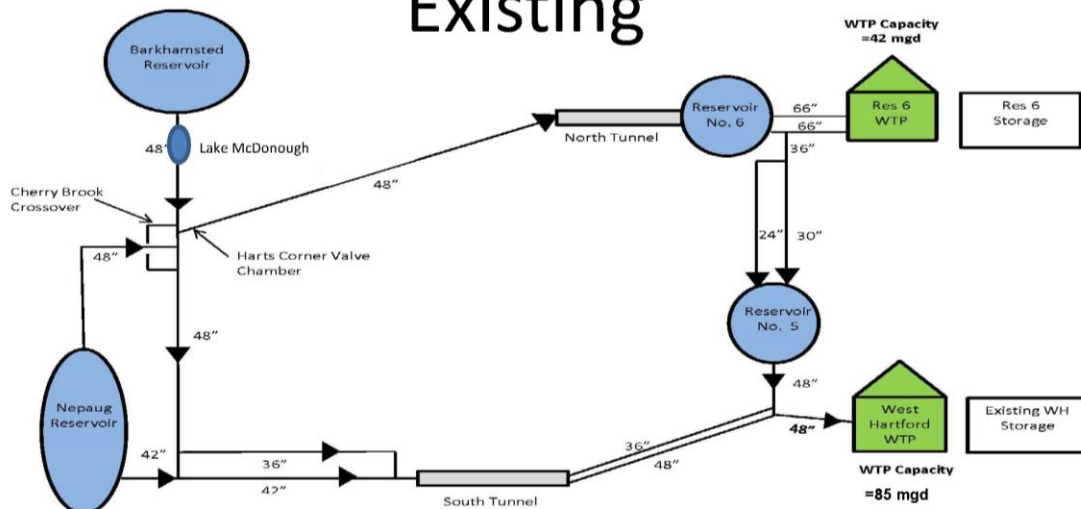
- AECOM Presentations
- AECOM Revised Reports

2022-2023

- Risk Matrix
- Project Phasing
- Financial Analyses
- Final Alternative Selection
- Bureau Presentation
- Next Steps

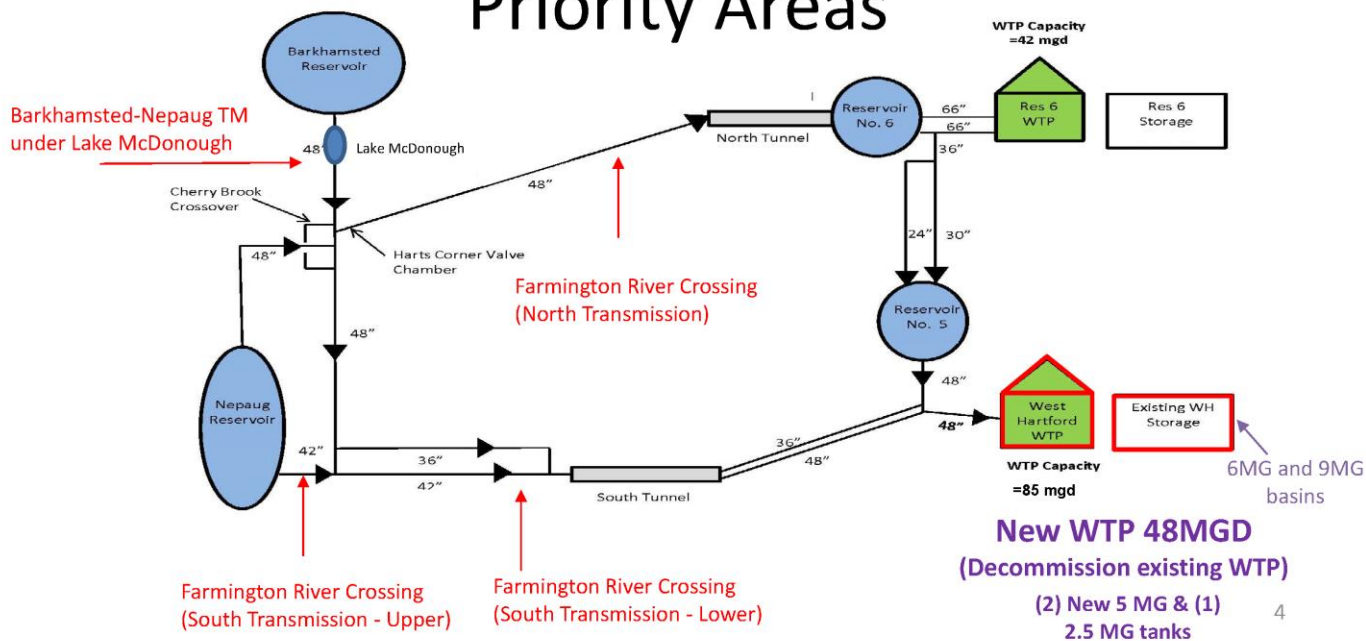
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MDC Raw Water System Existing



3

Recommended Plan Priority Areas



4



Recommended Plan

Treatment Upgrades

- New 48 MGD plant (@ WH)
 - 2 (5) MG tank
 - (3) residual lagoons
 - Backwash pump station
 - Electrical and chemical buildings
 - Decant/recycle pump station
 - 2.5 MG tank
 - (2) spent wash water ponds
 - Demolish filters

Transmission Upgrades

- New Transmission Main Installations:
 - 36-in & 48 in Supply Lines
 - 42-in Nepaug 3
 - 48-in Barkhamsted-Nepaug
 - 48-in Cherry Brook
 - 36-in Cherry Brook crossover
 - 48-in Collinsville Bypass
 - Priority Projects (river and lake crossings)
- } As-needed Upgrades

Recommended Plan – Next Steps

- Design & Construct 5MG tank at WH WTP
- Reservoir 6 WTP Upgrades & Maintenance
- Design & Construct New and/or Redundant Pipelines
 - Farmington River Crossing - Upper
 - Elizabeth Park Transmission Main within the distribution system
- Lake McDonough By-pass System
- Transmission Appurtenances
- New Water Treatment Facility
 - Preliminary Study & Pilot Design

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Implementation Plan Phase 1: 2023-2029



Project	Year
Design & Construct 5MG tank at WH WTP	2023-2025
Reservoir 6 WTP Upgrades & Maintenance	2023-2024
Design & Construct "Upper" River Transmission Main X-ing	2024-2026
Design & Construct Lake McDonough By-pass	2024-2026
Design & Construct Elizabeth Park Transmission Main	2025-2027
Transmission Appurtenances	2025-2027
<i>Referendum</i>	<i>2028</i>
New Water Treatment Facility (Preliminary Design)	2024-2029

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Implementation Plan

Phase 2: 2030-2043

\$264M

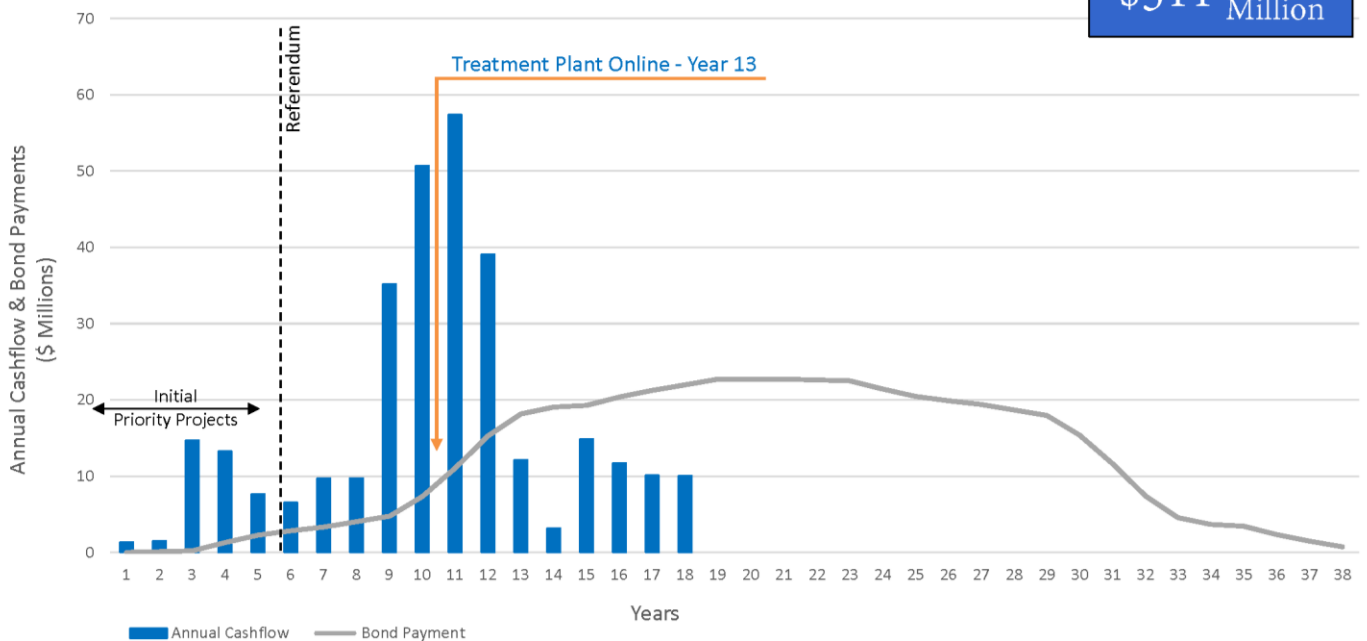
Project	Year
Construct New Treatment Plant & Abandon ex.	2029-2035
Design & Construct Supply Lines	2031-2034
Design & Construct Storage Tanks	2035-2038
Design & Construct "Lower" River Crossing	2036-2040
Reservoir 6 WTP Upgrades	2035-2040
Planning – Transmission Mains*	2041-2043

*35 miles of Transmission Mains remaining after river crossings are built

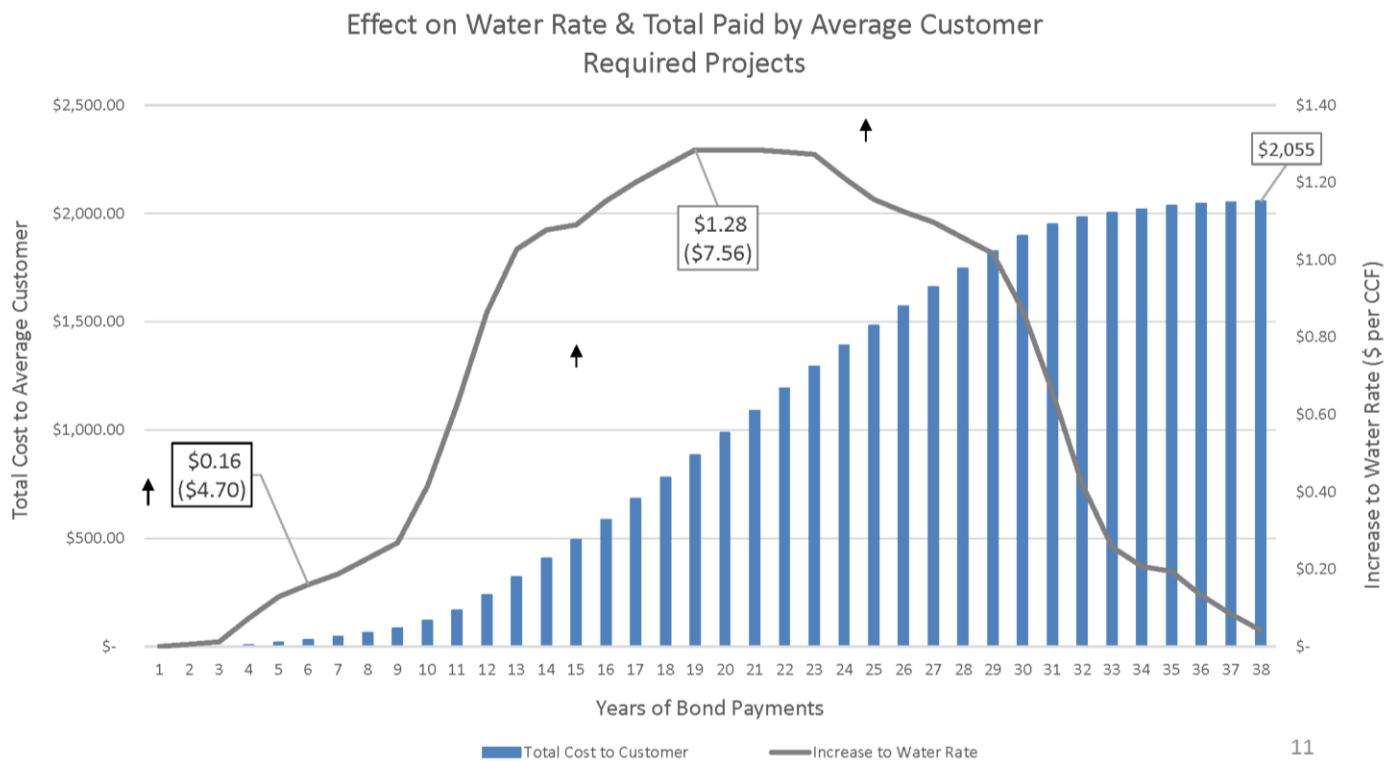
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Annual Cashflows & Bond Payments
Comparison of Required Project Costs

\$311 Million



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Recommended Plan

Future Phases: 20+ Years

Remaining 35 miles of Transmission Mains

- Continue condition assessments to determine:
 - No action (status quo)
 - Replacement
 - Trenchless structural lining
 - Combination of options

\$0-336M

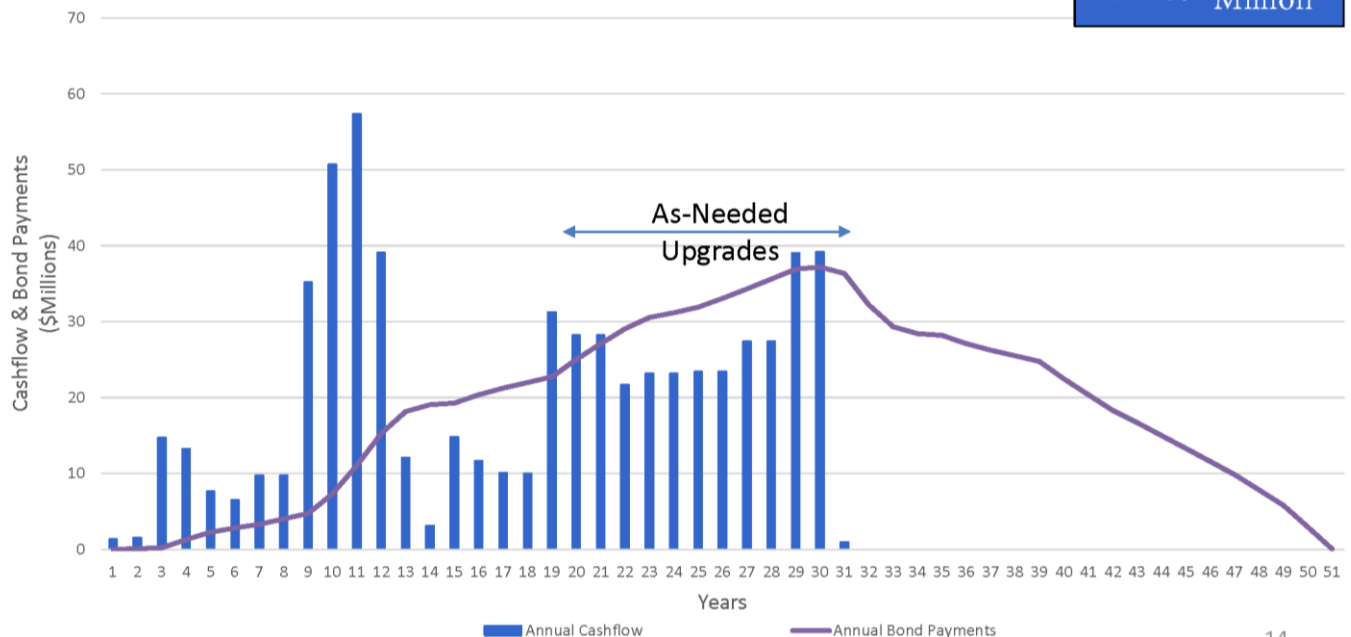
Total Cost Estimate

Required & Priority Projects <i>Plus</i> Condition-Dependent Projects	
Initial Priority & Required Projects Subtotal:	\$311M
Condition-Dependent Transmission Upgrades (Years 19-30)	\$0-336
Maximum Total: All Projects	Up to \$647M

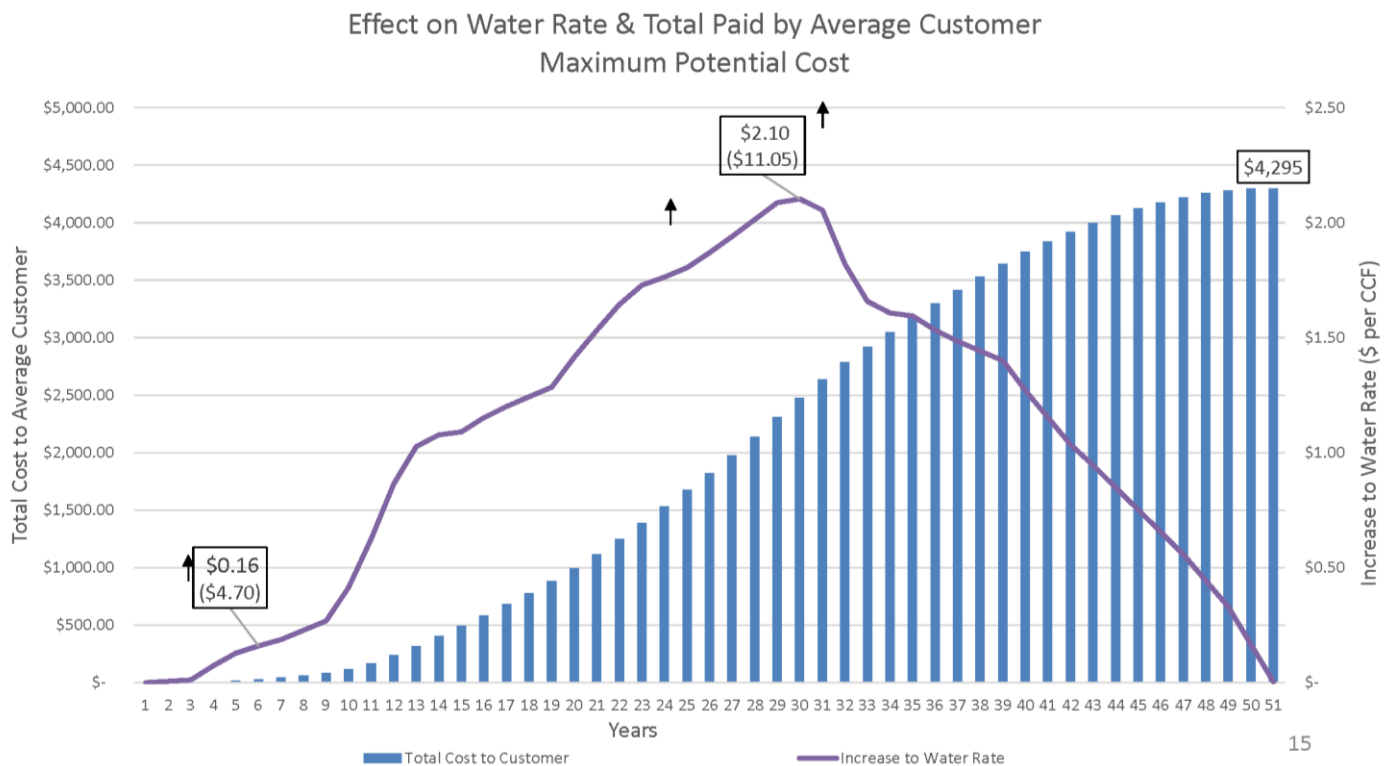
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Annual Cashflow & Bond Payments
Comparison Maximum Potential Cost

\$647 Million



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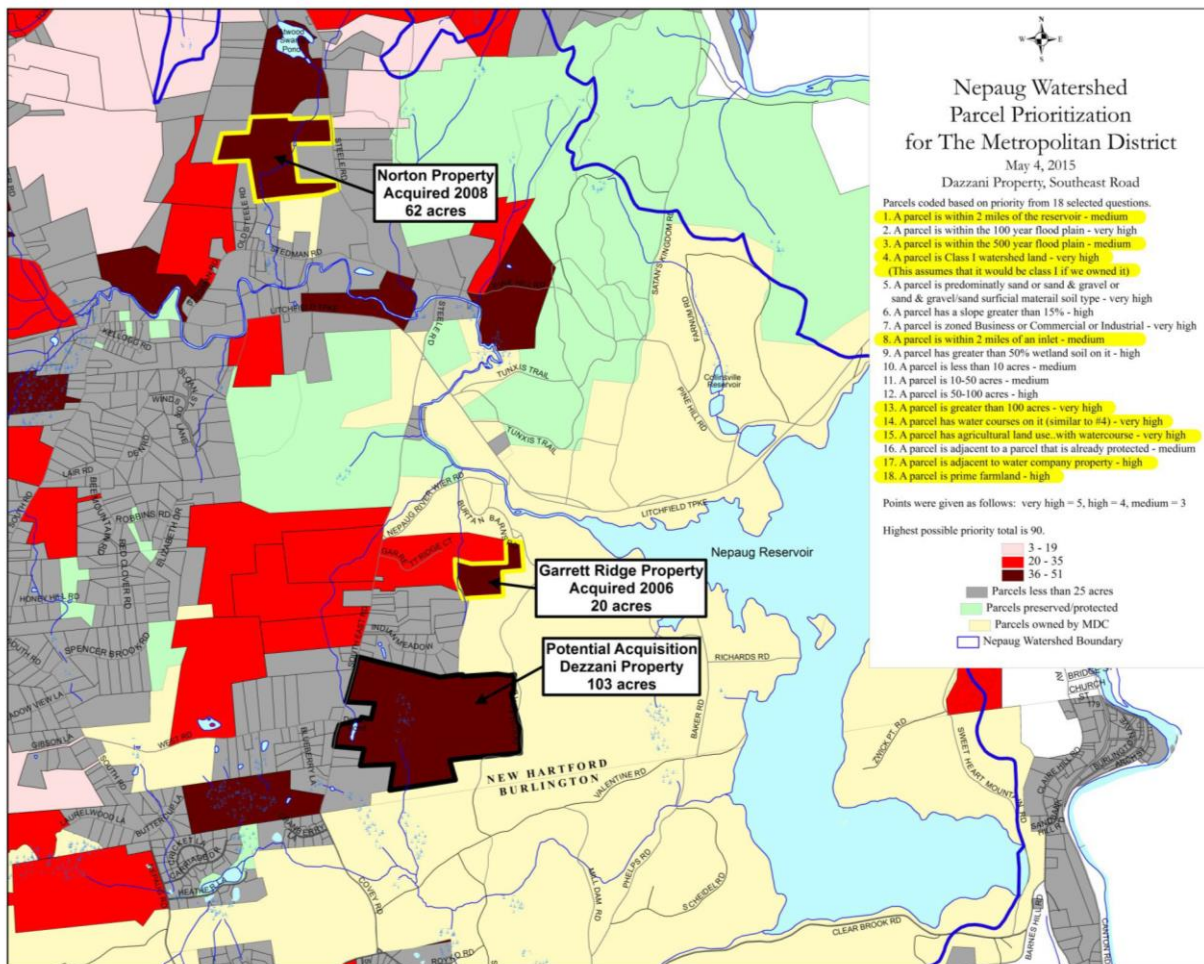
Next Steps

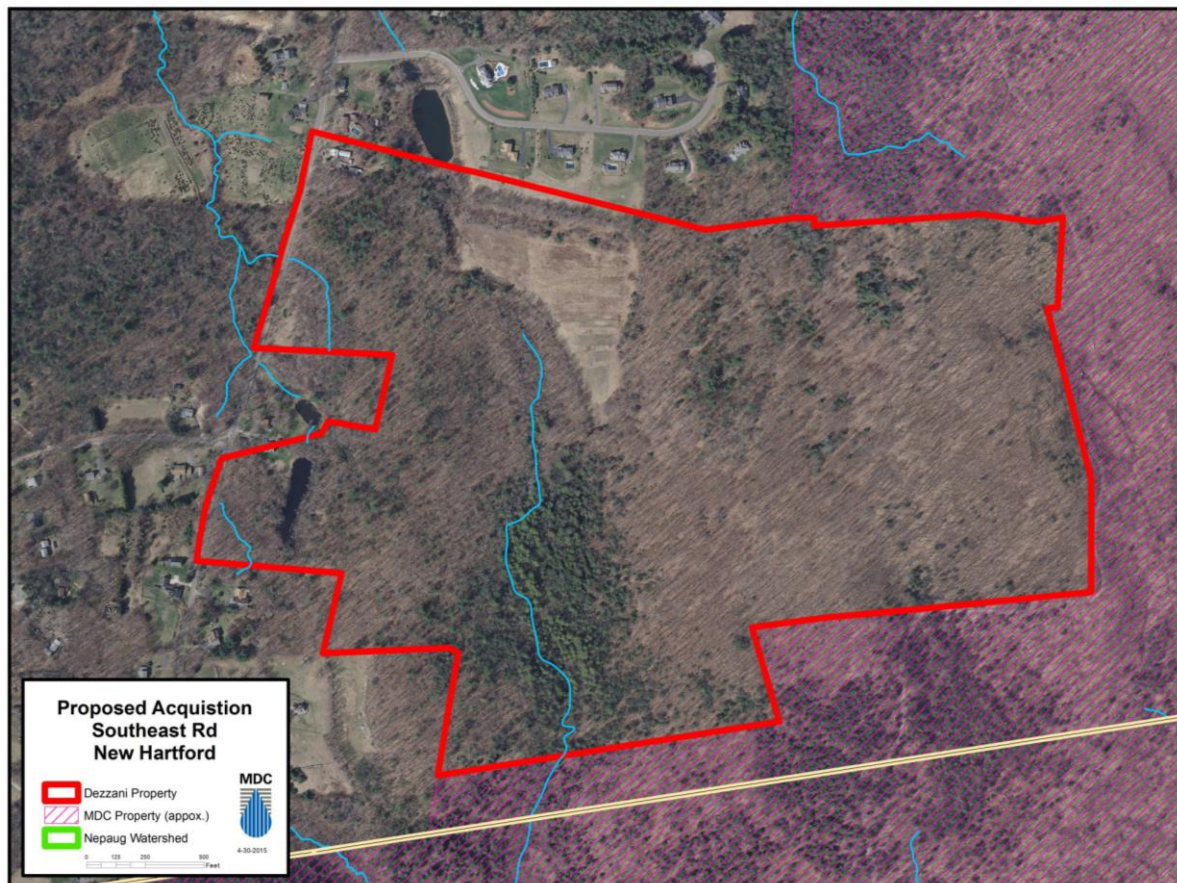
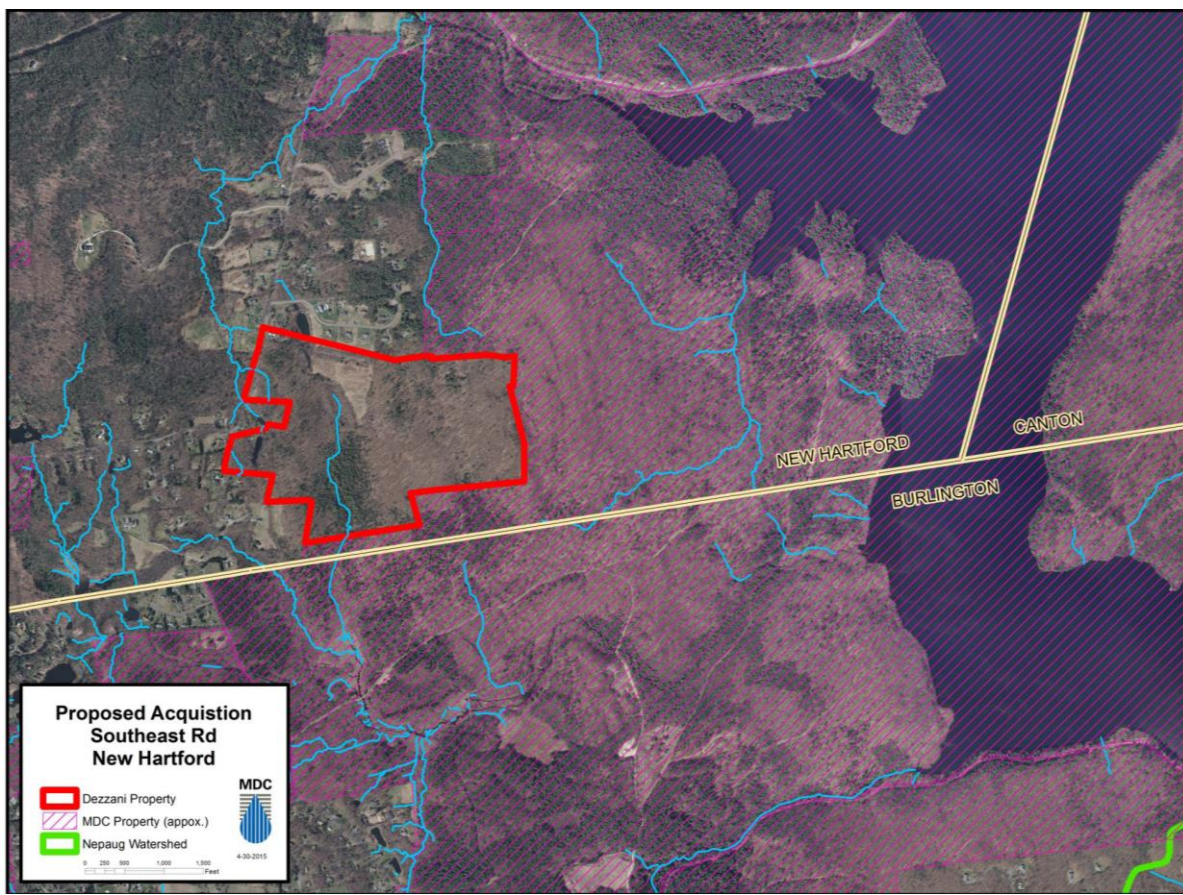
- Begin initial priority projects
- Prepare for a future referendum
- Design & build a new plant in West Hartford
- Address remaining priority infrastructure
- Continue to assess aging infrastructure

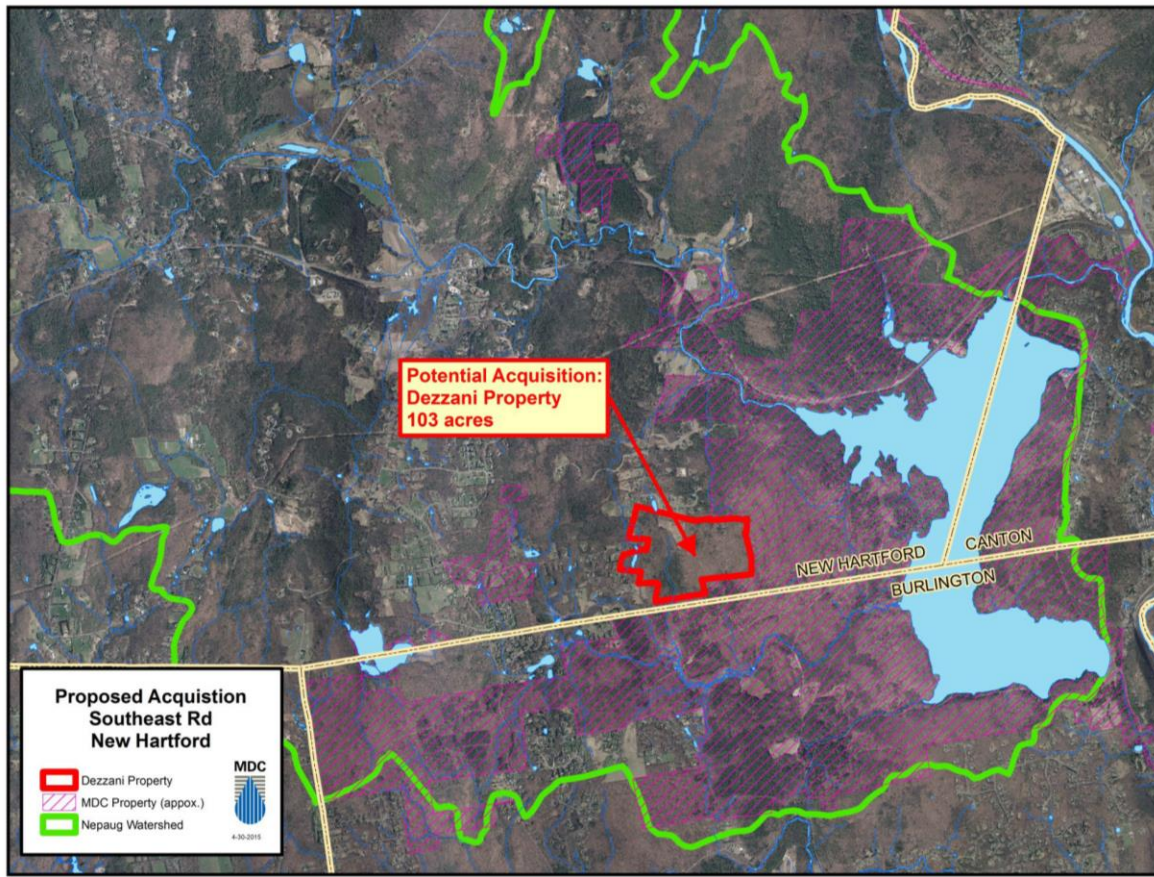
Commissioner Holloway exited the meeting at 6:11 PM.

POTENTIAL SALE OF CLASS III GLASTONBURY LAND AND POTENTIAL PURCHASE OF PROPERTY ADJACENT TO NEPAUG RESERVOIR

Ray Baral, Assistant Manager of Water Treatment, discussed a property adjacent to Nepaug Reservoir in New Hartford that the MDC has the potential to purchase.







Chief Executive Officer Scott Jellison discussed the potential sale of Class III land in Glastonbury to the town.

OPPORTUNITY FOR GENERAL PUBLIC COMMENTS

Judy Allen recommended editing the economic development language in the ordinances. She would also request that the Bureau take a look at the doing an economic development rate like Regional Water Authority.

COMMISSIONER REQUESTS FOR FUTURE AGENDA ITEMS

Commissioner Adil requested a discussion or consideration of electric vehicle charging stations on a future agenda.

Commissioner Mandyck requested a discussion regarding the two cannabis growing facilities within the District, specifically whether there are any concerns about discharges and whether we can expect any significant revenue for the District.

ADJOURNMENT

The meeting was adjourned at 6:48 PM

ATTEST:

John S. Mirtle
District Clerk

Date of Approval