



The Metropolitan District

water supply • environmental services • geographic information

May 22, 2012

Mr. Cameron Walden  
Supervising Sanitary Engineer  
State of Connecticut  
Department Public Health  
410 Capitol Avenue, MS#5WAT  
PO Box 340308  
Hartford, CT 06134-0308

Dear Mr. Walden:

Thank you for holding yesterday's public hearing on the Department of Public Health, DWSRF Funding. It was my pleasure to appear and present testimony on behalf of the Metropolitan District of Hartford. Anticipating many speakers at the hearing I purposely kept my presentation short, now I would like to supplement my testimony with further information on the MDC's pursuit of clean, affordable drinking water. The following should be added to my comments from yesterday:

The Asset Management Plan includes the following blocks:

- An asset inventory of all linear and point assets including the data associated with these assets to account for:
  1. Physical characteristics
  2. Age
  3. Break history
  4. Pressure / flow /water quality deficiencies
  5. Deterioration curves and service level
  6. Field testing data and soil conditions
  7. Criticality
  8. Paving management
  9. Interaction with other District's assets.
- A prioritization method for ranking the replacement / rehabilitation for each asset.
- A 45-year schedule for a Capital Improvement Plan (CIP) broken down by phases in five and ten year durations through the use of the asset management program for water mains, transmission mains, gate valves, pumping stations and storage tanks.

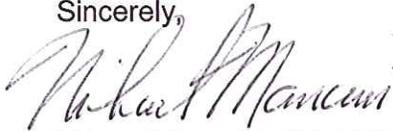
In accordance with the Asset Management Plan, in order to maintain an acceptable level of service, the District should ideally allocate the following budget for the replacement / rehabilitation of its assets:

Phase	Water Main CIP	Valve CIP	Pump Station Asset Unit CIP	Storage Tank CIP	Total CIP
Phase 1 (2009 - 2013)	\$498,163,000	\$11,681,000	\$2,212,000	\$840,000	\$512,896,000
Phase 2 (2014 - 2018)	\$136,997,000	\$3,872,000	\$1,980,000	\$352,000	\$143,201,000
Phase 3 (2019 - 2023)	\$171,673,000	\$778,000	\$2,994,000	\$160,000	\$175,605,000
Phase 4 (2024 - 2033)	\$477,286,000	\$4,950,000	\$4,079,000	\$1,350,000	\$487,665,000
Phase 5 (2034 - 2043)	\$706,703,000	\$1,156,000	\$5,311,000	\$840,000	\$714,010,000
Phase 6 (2044 - 2053)	\$352,175,000	\$2,577,000	\$7,100,000	\$2,942,000	\$364,794,000
<b>Grand Total</b>	<b>\$2,342,997,000</b>	<b>\$25,014,000</b>	<b>\$23,676,000</b>	<b>\$6,484,000</b>	<b>\$2,398,171,000</b>

I am writing in support of increased state funding for the DWSRF program and to support changes in the Priority Points System to recognize and compensate water utilities that have undertaken measures to improve water system management including an asset management plan or asset replacement schedule.

Thank you for this opportunity to present to you all the work MDC has done in preparing for the challenge of providing sufficient clean drinking water to the citizens of Central Connecticut.

Sincerely,



Michael Mancini, PE & LS  
Director of Engineering

Cc: Scott Jellison, COO  
Stephanie Russo, MDC  
Beth Nesteriak, MDC

MM/rw