

**TOWN of NORTH READING  
TEN YEAR PROJECT SUMMARY - MWRA WATER SUPPLY**

Public Works  
Water  
Enterprise

Description	Project #	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
<b>DISTRIBUTION SYSTEMS PROJECTS</b>													
Chlorine Residual Evaluation- Phase I & II	WTR-38		\$30,000	\$70,000									\$100,000
AMR & Meter Replacement Program	WTR-26		\$1,700,000										\$1,700,000
Water Main Improvements for ISO Needed Fire Flow	XXX												
Main Street-Park St to Burroughs Rd (10,300 LF of 12" pipe)									\$2,678,000				\$2,678,000
Sherman & Oakdale Roads(2,450 LF of 12" pipe)								\$637,000					\$637,000
North Street-Lowell Rd to Main St (2,200 LF of 8" pipe)										\$429,000			\$429,000
North Street - Main St to Pomeroy Rd (2,500 LF of 12" pipe)										\$650,000			\$650,000
Water Main Rehabilitation & Replacements (0.9 miles/ year)	XXX						\$1,148,000	\$1,148,000	\$1,148,000	\$1,148,000	\$1,148,000	\$1,148,000	\$6,888,000
Water Distribution System Upgrades	WTR 07	\$150,000		\$150,000	\$154,500	\$159,135	\$163,909	\$168,826	\$173,891	\$179,108	\$184,481	\$190,016	\$1,673,866
Swan Pond Road Fire Safety Improvements	WTR 25											\$204,600	\$204,600
Tower Hill Anchor Bolt Repairs	WTR-33	\$85,000											\$85,000
Water Tank Painting (last done in 2001/2002 timeframe)	XX												
Moose Hill Tank (1.58 MG)									\$450,000				\$450,000
Swan Pond Tank (1.3MG)									\$405,000				\$405,000
Water Audit/ Demand Management Study	WTR-28			\$50,000									\$50,000
SCADA System upgrades	WTR-32			\$150,000	\$100,000								\$250,000
Emergency Power- telemetry & security	XXX												
Swan Pond Tank					\$35,000								\$35,000
Moose Hill tank						\$35,000							\$35,000
Town Building Water Conservation						\$84,000							\$84,000
Comprehensive Master Plan Update	XXX									\$200,000			\$200,000
Treatment - Temporary Improvements													
West Village WTP	XX			\$25,000									\$25,000
Lakeside WTP	XX			\$25,000									\$25,000
Lakeside WTP generator roof replacement			25,000										\$25,000
Supply - Temporary Wellfield Improvements													
Lakeside Wellfiend Improvements	XX												
West Village Bed Wellfield Improvements	XX												
Route 125 Well Improvements	XX												
Supply - Temporary Interconnection				\$250,000									\$250,000
Replace Tower Hill water tank- 0.5 MG						\$1,700,000							\$1,700,000
<b>SUBTOTAL DISTRIBUTION SYSTEMS PROJECTS</b>		<b>\$235,000</b>	<b>\$1,755,000</b>	<b>\$720,000</b>	<b>\$289,500</b>	<b>\$1,978,135</b>	<b>\$1,311,909</b>	<b>\$2,165,000</b>	<b>\$4,854,891</b>	<b>\$2,606,108</b>	<b>\$1,332,481</b>	<b>\$1,542,616</b>	<b>\$18,579,466</b>
<b>VEHICLE &amp; EQUIPMENT</b>													
#3 2005 Replace 4x4 SUV-2016 & 2026	WTR-30		\$27,500									\$34,925	\$62,425
#11 2002 Replace 5/4 ton Pick up truck- 2017 & 2027				\$50,000								\$62,000	\$112,000
#21 2007 Replace 5/4 ton utility body truck-2017 & 2027				\$50,000								\$62,000	\$112,000
#23 2010 Replace 5/4 ton utility body truck - 2020 & 2030							\$50,000					\$57,500	\$107,500
#24 2001 Replace 3/4 ton Pick up truck - 2025		\$25,000										\$32,500	\$57,500
# 68 2009 Replace Tracked Excavator -2021								\$230,000					\$230,000
#69 2012 Replace 4 x 4 backhoe - 2024											\$190,400		\$190,400
<b>SUBTOTAL VEHICLE &amp; EQUIPMENT</b>		<b>\$25,000</b>	<b>\$27,500</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$248,925</b>	<b>\$451,425</b>
<b>PROJECTS REQUIRED FOR MWRA CONNECTION</b>													
FEIR - Water	WTR-17		\$150,000										\$150,000
IBTA Permit			\$25,000										\$25,000
MWRA OP-10 application			\$25,000										\$25,000
Water Distribution Modeling-MWRA Connection	WTR-11	\$50,000											\$50,000
Design & Construct MWRA Infrastructure Needs													
Coordination/ Negotiation Support/ PS siting/ etc			25000	\$25,000									\$50,000
Pipeline to connect to Reading - DESIGN/PERMIT/BID	XX			\$175,000									\$175,000
Pipeline to connect to Reading - CONSTRUCTION					\$825,000								\$825,000
Pipeline improvements for Reading - DESIGN /PERMIT/BID	XX			\$380,000									\$380,000
Pipeline improvements for Reading - CONSTRUCTION	XX				\$3,770,000								\$3,770,000
NR Pump station - DESIGN / PERMIT/ BID ( FY 14 -200k appropriated)	XX			\$100,000									\$100,000
NR Pump station - CONSTRUCTION	XX				\$2,550,000								\$2,550,000
NR Pump Station - land aquisition				\$750,000									\$750,000
Facility Decommissioning (TBD-placeholder)													
Central Street well	XX							\$200,000					\$200,000
West Village WTP	XX							\$200,000					\$200,000
Lakeside WTP	XX							\$200,000					\$200,000
<b>SUBTOTAL PROJECTS REQUIRED FOR MWRA CONNECTION</b>		<b>\$50,000</b>	<b>\$225,000</b>	<b>\$1,430,000</b>	<b>\$7,145,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,450,000</b>
Bondable debt (less project <\$50,000 funded by stabilization fund & MWRA fee)		\$0	\$150,000	\$1,405,000	\$7,145,000	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$9,300,000
Additional Debt Service - see actual debt service tables for FY 16-21													
<b>TOTAL ALL PROJECTS LESS MWRA</b>		<b>\$260,000</b>	<b>\$1,782,500</b>	<b>\$820,000</b>	<b>\$289,500</b>	<b>\$1,978,135</b>	<b>\$1,361,909</b>	<b>\$260,000</b>	<b>\$4,854,891</b>	<b>\$2,606,108</b>	<b>\$1,332,481</b>	<b>\$1,791,541</b>	<b>\$19,030,891</b>
Bondable debt (less project <\$50,000 funded by stabilization fund)			\$1,725,000	\$620,000	\$254,500	\$1,943,135	\$1,311,909	\$2,365,000	\$4,854,891	\$2,606,108	\$1,332,481	\$1,734,041	\$18,930,891
Additional Debt Service - see actual debt service tables for FY 16-25								\$104,953					