

Notes on benefits of clean water to New Hampshire, financial needs, and State and federal investments
Boyd Smith, NH Water Works Association, April 2021

NH SB60 Report (Nov. 2013) – Appendix C

WATER SERVICES BENEFITS..WHAT ARE THEY AND WHO BENEFITS?

APPENDIX C

Benefits →	APPENDIX C							
	Prevent Disease Outbreaks	Support Tourism	Prevents Flooding / Erosion	Retains/Attracts Business	Provides Fire Protection	Healthy Ecosystems ..e.g. Fish & Wildlife	Quality of Life	
Water Services								
Drinking Water Infrastructure..... 100 large municipal systems (1 private), 600 small systems								
Wastewater Infrastructure..... 91 public systems, 30 privates								
Stormwater Infrastructure..... All municipal centers, major roads								
Dams.....State owned (273), Municipally owned (368), @1/2 recreational impoundments, @1/4 agricultural, 1/10th stormwater, <1% flood control retention								

Direct User = ratepayers or potential stormwater utility customers. Not defined for Dams.

BENEFICIARIES					
DIRECT USERS	MUNICIPALITIES	STATE OF NH (S R&M, BET)	BUSINESSES	CITIZENS & VISITORS	NATURAL ENVIRONMENT

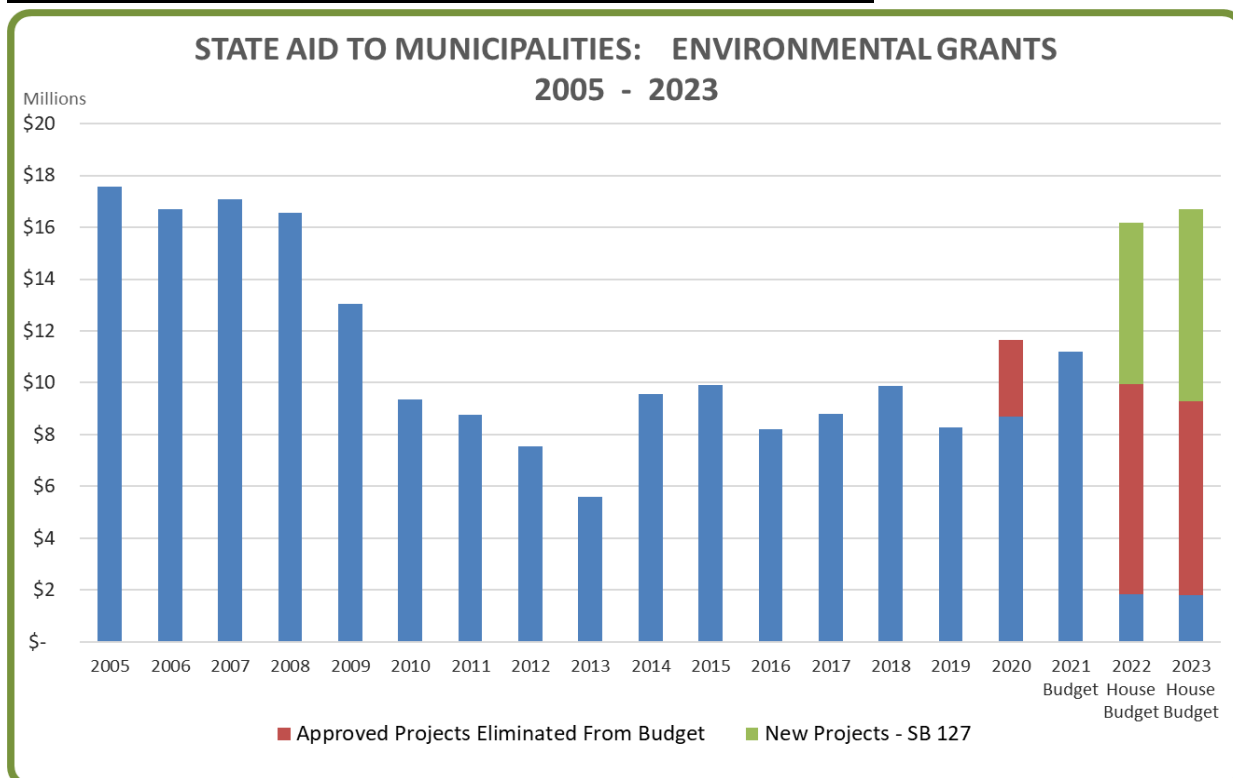
Infrastructure Type	10 Year Need
Wastewater	\$1,710,000,000
Stormwater	\$272,000,000
Drinking Water	\$857,000,000
Dams – State Owned	\$18,000,000
<u>Dams- Municipal</u>	<u>\$40,000,000</u>
<i>Total</i>	<i>\$2,897,000,000</i>

State Revolving Loan Fund (SRF, 2020)

Water System	Requested (need)	Awarded (available)
Drinking Water Supply	\$125 Mm	\$25 Mm
Waste Water Treatment	\$280 Mm	\$50 Mm

Maintenance, sustainability and resilience. Policies to ensure maintenance are critical
[Without a focus on maintenance, infrastructure dollars will be wasted \(msn.com\)](https://www.msn.com)

State of NH Funding for Water Infrastructure (April 2021)



The Economic Benefits of Investing in Water Infrastructure (Value of Water, 2017)

Based on a 2016 assessment by the American Society of Civil Engineers (ASCE), this study estimates that the **US needs to invest an additional \$82 billion per year in water infrastructure at all levels of government over the next 10 years** to meet projected capital needs.

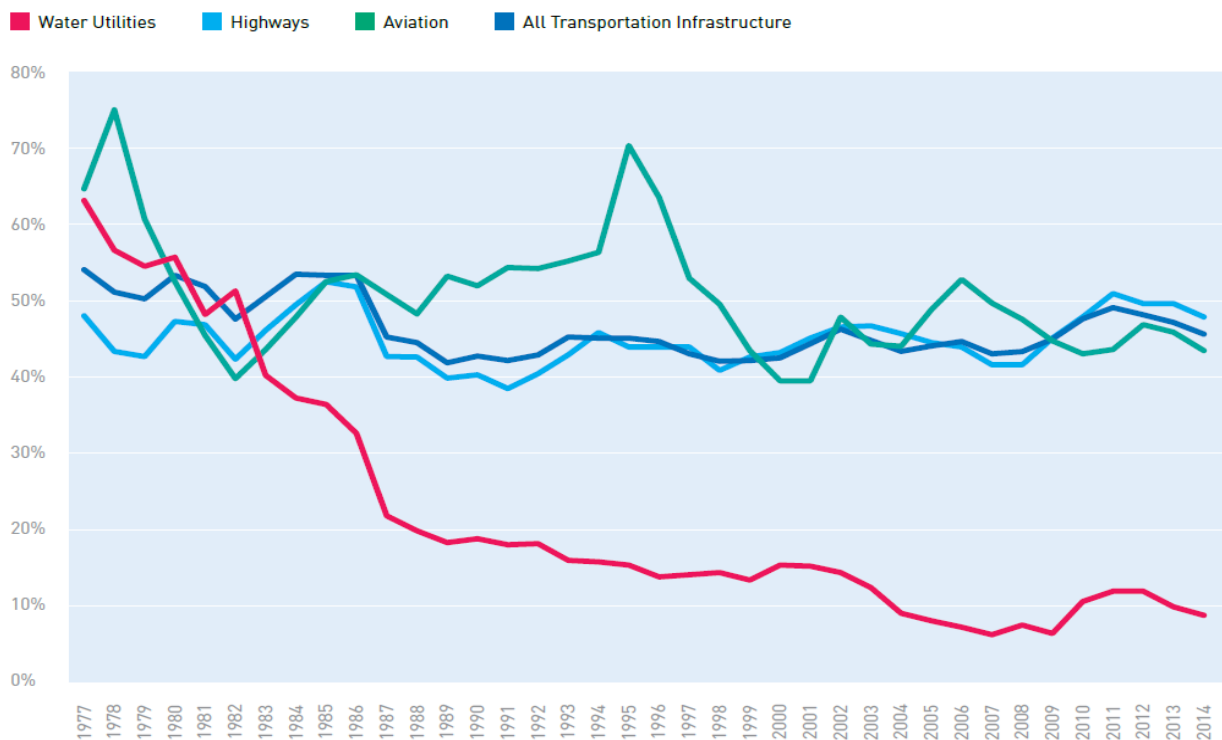
If the (\$82 billion) estimated investment gap were closed, it would result in **over \$220 billion** in total annual economic activity to the country. These investments would generate and sustain approximately **1.3 million jobs** over the 10-year period.

Furthermore, the value of safe provision, delivery, and treatment of water to customers results in significant avoided costs for businesses that would otherwise have to provide their own water supplies. These investments would save US businesses approximately **\$94 billion a year** in sales in the next 10 years and as much as **\$402 billion a year** from 2027 to 2040.

Federal Investment in Drinking Water (Value of Water, 2017)

Figure 3

Federal Contribution to Total Infrastructure Spending



Source: CBO 2015.