Get Inspired on How Grow Awareness Among the Public and Decision Makers about the Value of Water

AN INTERACTIVE PRESENTATION ON THE VALUE OF WATER TOOL KIT

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Value of Water Campaign

- Coordinated by the US Water Alliance.
- Educate and engage the public on the importance of clean, safe, and reliable water and help ensure quality water service for future generations.
- Raising awareness about the importance of water and the often invisible water challenges threatening our country (i.e. old infrastructure, etc.).
- Building national will for investment in water infrastructure and water resources.
- Spearheaded by top leaders in the water industry.

US Water Alliance

- ONE WATER movement
- Businesses, Utilities, Environmental Groups
- US Water Prize
 - Sustainable water management/future
- One Water Summit
 - June 27-29, New Orleans



American Water

Black & Veatch

Brown & Caldwell

Carollo Engineers

CDM Smith

CH2M

Dow Chemical Company

Greeley & Hansen

Hatch

Hazen and Sawyer

Jacobs

MWH Global - Stantec

River 2 Tap, Inc.

Tetra Tech, Inc.

Veolia North America

WSP | Parsons Brinckerhoff

Xylem



Goals of the Coalition

- Educate
- Convene
- Cultivate

What is the Value of Water?

- Essential. Reliable. Invaluable.
- It's the thread that weaves together our daily lives.
- It keeps our communities healthy, our cities running, and our economies growing.
- While essential, water infrastructure is largely invisible.
- Few people realize what it takes to treat and deliver drinking water every day or how wastewater is cleaned so that it can be safely reused or returned to the environment.
- The high quality of life we enjoy in America would not be possible without water and the infrastructure that fuels it.

64,240 gallons HOW MUCH WATER THE AVERAGE AMERICAN USES IN A YEAR

Source: WATER.ORG

Our Infrastructure is at Risk

- One of the crowning achievements of the 20th century was building reliable water and wastewater systems.
- Since then, public and private utilities across the country have been putting people to work to construct, operate, and maintain the water and wastewater infrastructure that Americans rely on daily.
- After working around the clock for more than 100 years, this infrastructure is aging and failing.
- In America today, a water main breaks every 2 minutes.

Water and You

- Average American 176 gal per day / 66,240 gal per year
- 40% of Water in America used to produce food and beverages
- At home
 - 17% Showering
 - 27 % Toilet
 - 15% Facets
 - 15% Washing Machine
 - 14% Leaks
- If Water \$ = Soda \$, your bill would increase by 10,000%

More fun facts...



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GALLONS OF WATER TO MAKE ONE GLASS OF WINE

Source: Science Media Center 2009



1,230

GALLONS OF WATER TO YIELD ONE BEEF STEAK

Source: Science Media Center 2009



19

GALLONS OF WATER TO GROW ONE APPLE

Source: Science Media Center 2009

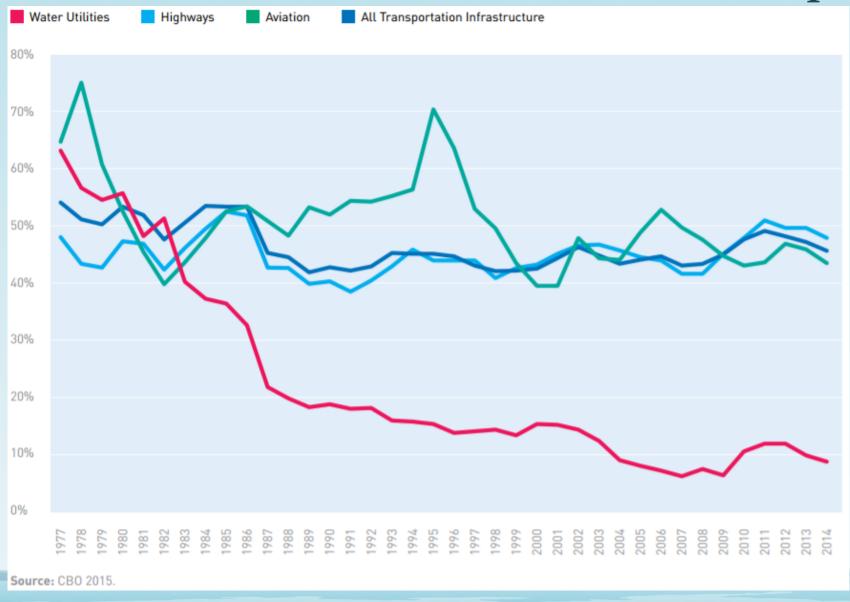


2,110

GALLONS OF WATER TO MAKE ONE PAIR OF SHOES

Source: Science Media Center 2009

Federal Contribution to Total Infrastructure Spending



Federal Contribution to Total Infrastructure Spending Per Capita



\$76 Water Infrastructure



\$139 Highway





\$199 Other

2014 Federal Contribution to Total Infrastructure Spending Per Capita









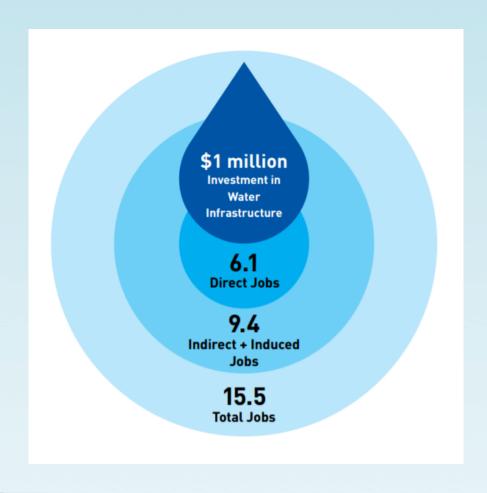
Annual Federal Investment Per Capita



Industries Most Dependent on Water Utilities

Industry	Gallons /\$1000 sales	Gallons /Job
Junior colleges, colleges, universities, and professional schools	4,700	563,600
Other basic organic chemical manufacturing	1,100	2,116,500
Dry-cleaning and laundry services	700	48,300
Car washes	600	33,700
Wineries	400	141,600
Hotels and motels, including casino hotels	400	48,300
Paper mills	300	284,200
Breweries	300	328,000
All other food manufacturing	300	111,300
Plastics material and resin manufacturing	300	505,300
Full-service restaurants	300	14,100
Other aircraft parts and auxiliary equipment manufacturing	300	90,200
Metal coating and nonprecious engraving	300	71,100
Other concrete product manufacturing	300	59,900
Pharmaceutical preparation manufacturing	300	473,200
Source: IMPLAN 2015, USGS 2014.		

Ripple Effect of Water Investment



Day without Water

 A one-day disruption in water service represents loss of \$43.5 billion in sales and \$22.5 billion in GDP

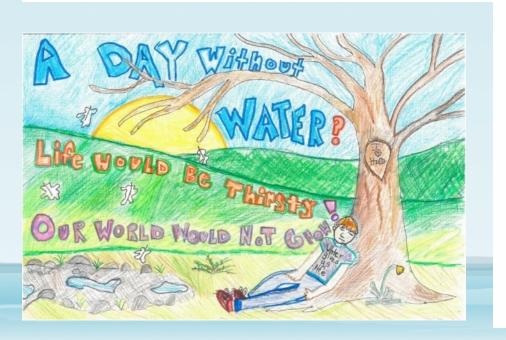


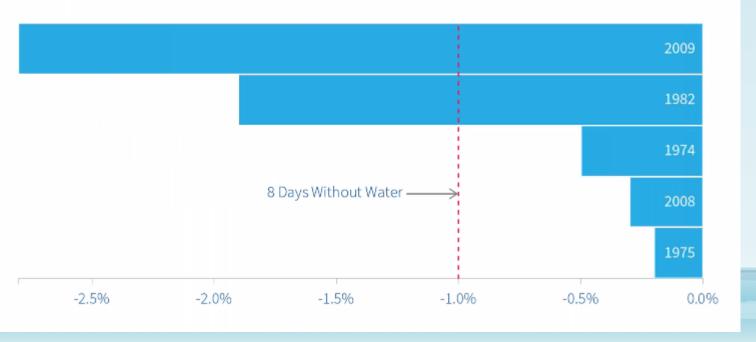


Imagine a Day Without Water

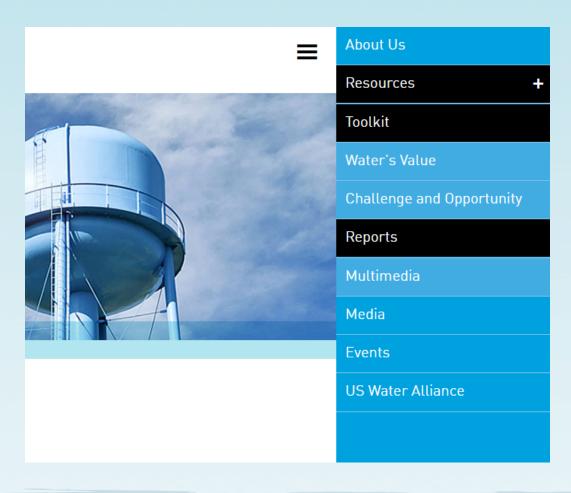
October 12, 2017

Costs of Service Disruption





Thevalueofwater.org

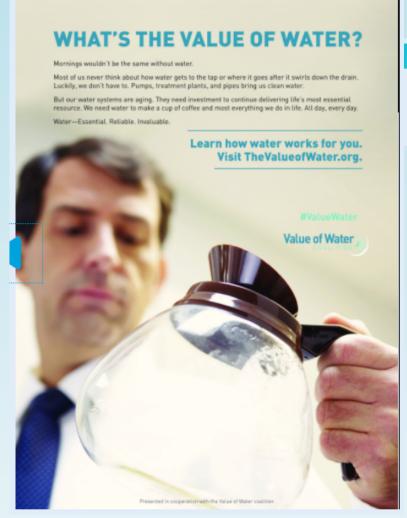




SPLASHING IN A POOL, TOSSING A WATER BALLOON- WATER IS ONE OF LIFE'S GREATEST PLEASURES.

THERE ARE NEARLY
400,000 HOUSE FIRES IN
THE U.S. EACH YEAR, AND
WATER THAT FLOWS FROM
HYDRANTS IS OUR BEST
DEFENSE.





MORNINGS WOULDN'T BE THE SAME WITHOUT WATER.

WITHOUT CLEAN WATER, SOCCER UNIFORMS WOULD NEVER MAKE IT THROUGH THE SEASON.



Conclusions

- Water infrastructure is fundamental to our nation's economic health.
- By keeping water infrastructure in a state of good repair, we strengthen our economy.
- Investments in water infrastructure generate highquality jobs, increase the competitiveness of American businesses, and lead to a significant injection of economic activity throughout the nation.
- Investments in water systems during the prior century helped to drive economic growth, improve public health, and protect the nation's waterways.
- As infrastructure ages and capital needs escalate, we must uphold our commitment to the nation's water infrastructure.

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