

**Imagine a Day Without Water**

**Trivia Answer Sheet**

***General Water Knowledge***

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| 1. Most of the world’s water is salty or otherwise undrinkable, another 2 percent is locked in ice caps and glaciers. What percent of the world’s water supply can be used as drinking water?
 | 1. 1
2. 5
3. 10
 |
| 1. True or false. There is the same amount of water on Earth as there was when the planet was formed?
 | 1. True
2. False
 |
| 1. What are the three states of water during the water cycle? Liquid, vapor and \_\_\_\_\_\_.
 | 1. Plasma
2. Gel
3. Ice
 |

***Water is an Essential Resource***

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| 1. The average person could live without food for nearly a month. But water is so essential to human life, a person can only survive about \_\_\_\_ week(s) without water.
 | * 1. One
	2. Two
	3. Three
 |
| 1. About how many gallons of water does the average American use per day?
 | 1. 20-30
2. 50-60
3. 80-100
 |
| 1. What is the largest use of household water?
 | 1. Taking showers and baths
2. Flushing the toilet
3. Laundry
 |
| 1. What is the largest use of water in the US?
 | 1. Irrigation of agriculture
2. Consumption at homes and businesses
3. Generating electric power
 |

***Costs and Affordability of Drinking Water***

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| 1. The average cost for water supplied to a home in the U.S. is about $2 for 1,000 gallons, which equals how many gallons for a penny?
 | 1. One
2. Three
3. Five
 |
| 1. What percent of American voters say what they pay for water service is affordable?
 | 1. 30 percent
2. 50 percent
3. 80 percent
 |
| 1. True of False: Three in five American voters would be willing to pay a modest increase in local water rates to fund improved service.
 | 1. True
2. False
 |

***Threats to our Water Supply and Infrastructure***

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| 1. True or false: Just as water regulates the temperature of the human body, water regulates the Earth’s temperature.
 | 1. True
2. False
 |
| 1. What factors threaten our water supply?
 | 1. Aging infrastructure/systems
2. Climate Change
3. Growing cities
4. All of the above
 |
| 1. Name the two main nutrients that pollute our nation’s waterways as a result of agriculture.
 | 1. Nitrogen and phosphorus
2. Hydrogen and oxygen
3. Calcium and magnesium
 |
| 1. Global warming occurs when \_\_\_\_\_\_\_\_\_\_\_, along with other air pollutants and greenhouse gases collect in the atmosphere, absorb sunlight and solar radiation that have bounced off the earth’s surface, and heats the planet.
 | 1. Chlorine
2. Carbon dioxide
3. Carbon monoxide
 |

***State of our Water Infrastructure***

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| 1. How often does a water main burst in the US?
 | 1. Every two minutes
2. Every two hours
3. Two times per day
 |
| 1. Every year \_\_\_\_ gallons of untreated wastewater and stormwater are released to water bodies without being treated.
 | 1. 900,000
2. 900 million
3. 900 billion
 |
| 1. Much of the nation’s underground pipes have a lifespan of \_\_\_ to \_\_\_ years and are due for replacement.
 | 1. 25 to 50
2. 50 to 75
3. 75 to 100
 |

***National Water Investment Gap***

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| 1. The US is currently funding what proportion of its water infrastructure needs?
 | 1. One-fourth
2. One-third
3. One-half
 |
| 1. From 1977 to 1944 federal contribution to water infrastructure capital spending has declined from 63 percent to what percent?
 | 1. 9
2. 29
3. 49
 |
| 1. How much money needs to be invested in water infrastructure over the next 20 years to get to a state of good repair?
 | 1. $480 million
2. $4.8 billion
3. $4.8 trillion
 |
| 1. The federal government spends \_\_\_\_ times more resources upgrading and maintaining IT infrastructure of federal agencies than it does repairing water systems.
 | 1. 4
2. 14
3. 24
 |

***Cost of National Inaction on Water***

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| 1. A one-day national disruption in water service would cause a loss of how much in national GDP?
 | 1. $22.5 billion
2. $2.25 billion
3. $22.5 million
 |
| 1. What percent of Americans support a proactive program of water upgrades rather than waiting for systems to fail?
 | 1. 55 percent
2. 65 percent
3. 75 percent
 |
| 1. What percent of Americans support increasing federal investment to rebuild our water infrastructure?
 | 1. 62 percent
2. 88 percent
3. 94 percent
 |

***Economic Benefits***

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| 1. How much money would be generated in economic activity by funding the annual water infrastructure investment need?
 | 1. $220 million
2. $2.2 billion
3. $220 billion
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| 1. Closing the national water infrastructure investment gap would create how many American jobs?
 | 1. 130,000
2. 1.3 million
3. 13 million
 |
| 1. Employment opportunities in water infrastructure sectors provide a wage that is what percent above the national average?
 | 1. 20 percent
2. 25 percent
3. 30 percent
 |
| 1. The number of jobs supported annually by funding the water infrastructure hap is greater than the employed workforce in how many states?
 | 1. 6
2. 16
3. 26
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