

MICHIGAN'S WATER INFRASTRUCTURE NEEDS

INCREASING WATER INFRASTRUCTURE INVESTMENT BY AN AFFORDABLE \$5 PER PERSON, PER YEAR WILL GENERATE \$110 MILLION

CATEGORY

ANNUAL AMOUNT

1. INTEGRATED ASSET MANAGEMENT

\$25 million

- Drinking water, wastewater, and stormwater plans
- Ongoing data collection and training
- Integrate water and sewer plans with other infrastructure

2. CAPITAL GRANT/LOAN PROGRAM

\$75 million

- Lead service line replacements
- Water, sewer, stormwater capital projects

3. EMERGENCY INFRASTRUCTURE FAILURE FUND

\$10 million

- Grant and loan programs for communities in financial need with emergency water or sewer failures

TOTAL: \$110 MILLION

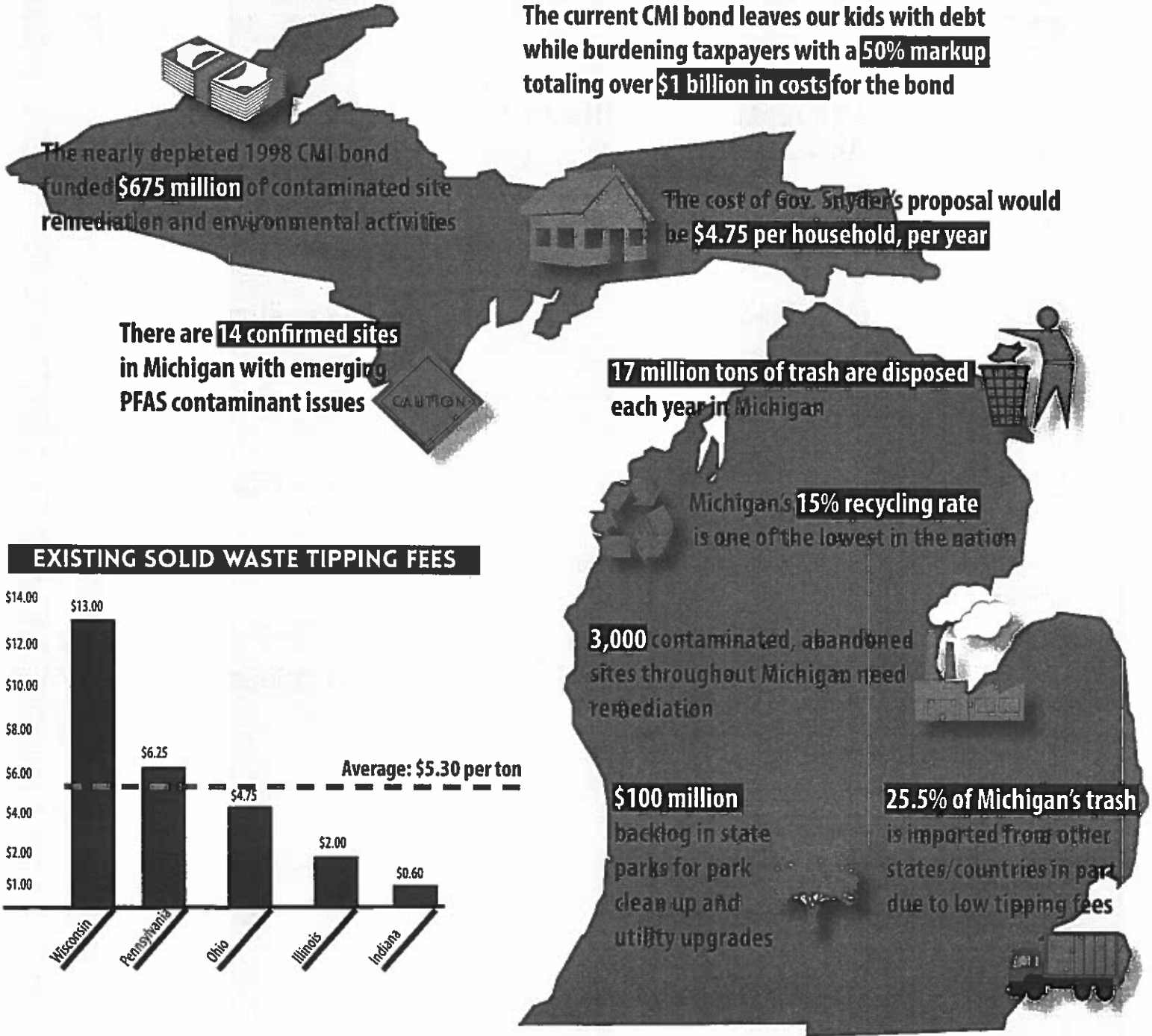
- **AN AFFORDABLE \$5/PERSON/YEAR WOULD ADD ABOUT 2% TO AN ANNUAL WATER BILL**
- **THE PROPOSAL WILL PHASE IN OVER THE NEXT 5 YEARS**
Phase in amounts are \$1/year each year for 5 years:
■ 2020 – \$1/person ■ 2021 – \$2/person ■ 2022 – \$3/person ■ 2023 – \$4/person ■ 2024 – \$5/person
- **80% OF MONEY GENERATED WOULD BE RETURNED TO THE REGION IT WAS GENERATED IN**
- **THE PROPOSAL WOULD EXPIRE IN 2040**

#FOUNDATION4MIFUTURE

STRENGTHENING
MICHIGAN'S FOUNDATION FOR THE
FUTURE

RENEWING MICHIGAN'S ENVIRONMENT

FUNDING TO CLEAN UP THOUSANDS OF CONTAMINATED SITES STATEWIDE



\$79 MILLION ANNUALLY IS NEEDED TO ENSURE A SAFER, CLEANER ENVIRONMENT

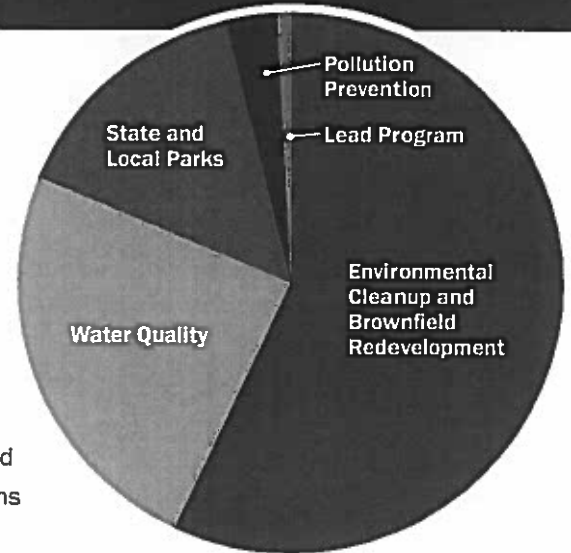


1998 Clean Michigan Initiative Bond: Where did the \$\$ go?



Environmental Cleanup and Brownfield Redevelopment: \$385 million

- Reduced environmental risk at nearly 1,000 sites
- Redeveloped 124 contaminated brownfield sites
- Created 21,585 jobs for new or growing businesses
- Leveraged \$3.3 billion of business investments
- Increased property values at brownfield sites an average of 14 times
- Generated \$23 in new private investment for every CMI dollar invested
- Improved public access to Michigan's lakes and rivers at 69 locations



Water Quality: \$165 million

- Partnered with local health departments to sample 585 beaches for fecal contamination
- Investigated water quality for human health, aquatic life, and wildlife protection at more than 1,890 locations in Michigan's lakes and rivers
- Reduced millions of tons of sediment, phosphorus, and nitrogen in surface waters, preventing millions of pounds of algae, reducing local drinking water treatment costs, and improving aquatic habitat life
- Removed 595,000 cubic yards of contaminated sediment from four Great Lakes Areas of Concern and one Superfund site
- Permanently protected over 69,000 acres of land critical for water quality
- Eliminated 1,555 failing septic systems and 2,699 illicit connections to storm sewers, preventing 207 million gallons of wastewater from contaminating our lakes, streams, and drinking water



Pollution Prevention: \$20 million

- Created the Small Business Pollution Prevention Assistance Loan Fund providing low-interest loans to 70 small businesses to implement pollution prevention projects
- Provided onsite technical assistance to 1,797 small businesses, institutions, and government agencies utilizing teams of retired engineers, scientists, and other professionals, resulting in significant energy savings



State and Local Parks: \$100 million

- Supported over 200 local park improvements, including campground upgrades, soccer and baseball fields, walking and biking paths, and picnic shelters
- Leveraged \$45 million in additional funding for upgrades to 75 state parks



Lead Program: \$5 million

- Remediated lead contamination at 334 housing units statewide

TOTAL: \$675 MILLION

