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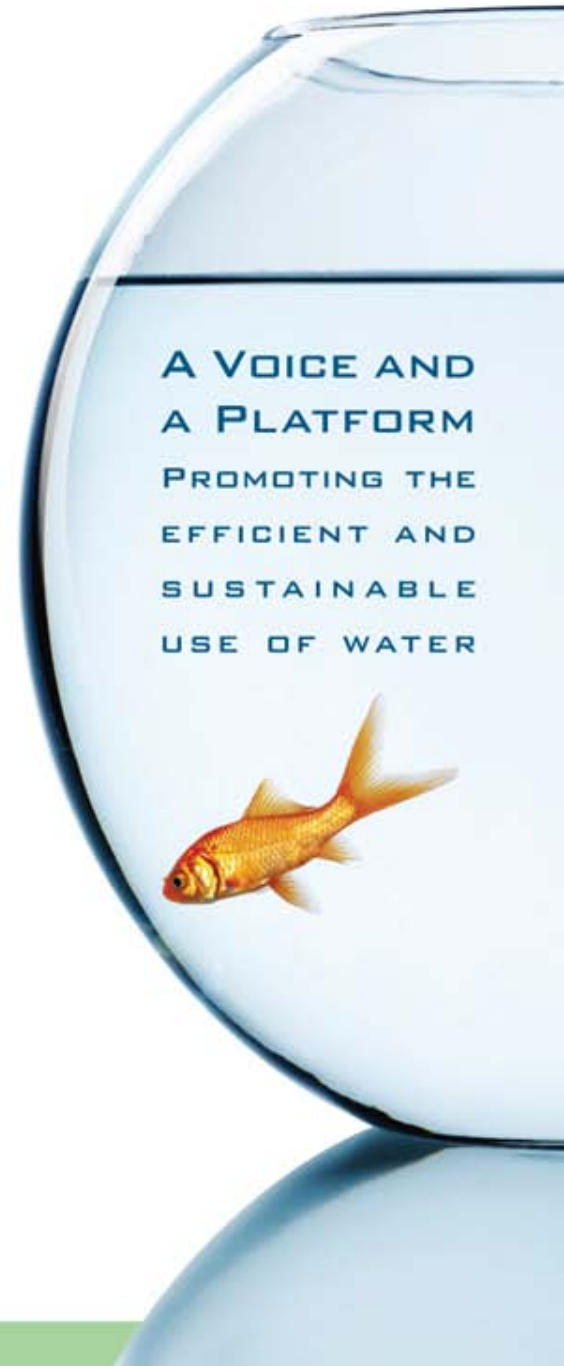
New Initiatives in Federal and State Legislation

Mary Ann Dickinson
President and CEO

Water Smart Innovations Conference
October, 2010



Alliance *for* Water Efficiency





Energy Bill Balancing Energy Production and Water Efficiency Advances

Congress acted on a comprehensive energy bill last week as the Senate Energy and Natural Resources Committee advanced legislation. The legislation highlights the nexus between water resources and energy production and begins to integrate decision-making related to both resources. [Learn more here.](#)



AWE Testifies Before Senate Subcommittee on Water and Wildlife

The Alliance for Water Efficiency urged Congress to ramp up the funding for WaterSense, the federal government's three-year-old program to promote and label more water efficient appliances and plumbing products. [Learn more here.](#)

American Recovery and Reinvestment Act Signed by President Obama

The Act signed by President Obama allocates \$6 billion for local clean and drinking water infrastructure improvements. For more information on taking action to seek stimulus funding for your water






Calendar of Events



- 7/28/2009 A National Water Policy Event
- 8/18/2009 World City Water Forum 2009
- 9/13/2009 Water/Energy Sustainability Symposium at the GWPC Annual Forum 2009
- 9/21/2009 2009 ENERGY STAR Appliance Partner Meeting
- 10/6/2009 WaterSense & Water Efficient Products Committee Meeting

Latest Information

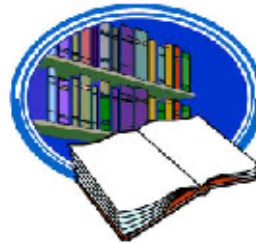


-  Water Efficiency Watch Newsletter July 2009
-  Water Use Efficiency Guide for New Businesses
-  New 13th Edition MaP and UNAR Toilet Testing Results and Info
-  AWE Launches Major On-Line Water Efficiency Information Library
-  NRDC Report - Increasing Water Efficiency in California's Oil Sector



Resource Library

Welcome to the Alliance for Water Efficiency's Resource Library. AWE strives to provide the best on-line resources on water conservation and efficiency. Search through our collection and discover the wealth of useful, technical information assembled. Enter keyword(s) in the search box below or select an library section from the list on the right. Search instructions and tips are available [here](#).



Resource Library Search Tool

Use the tool below to search the Alliance for Water Efficiency library:

Basic Search

Site

[Definition of Terms](#)

Recent Library Updates



- 10/30/2008 Water Efficiency Watch Listing
- 10/30/2008 Szann, A (2008) Australia - Water Wastage of Instantaneous Gas Water Heaters
- 10/30/2008 Tucson rainwater ordinance
- 10/30/2008 Heinrich, M (2008) New Zealand - Water Use in Auckland Households
- 10/29/2008 Commercial Food Service Introduction

AWE Library Sections



-  Residential Water Efficiency
-  Landscape and Irrigation
-  Commercial Institutional and Industrial
-  Non-Residential Fixtures, Appliances and Equipment
-  Alternate Water Supply
-  Codes and Standards
-  Drought

Resource Library

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- Residential Efficiency
- Landscape and Irrigation
- Commercial Water Efficiency
- Non-Res. Equipment
- Alternate Supply
- Codes and Standards
- Drought
- Metering
- Conservation Programs
- Water Loss Control
- Water Rates
- Toilet Testing
- Green Building



Click on an item from the list on the right to view more information here.

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Basic Search | **Advanced Search**

Site Search

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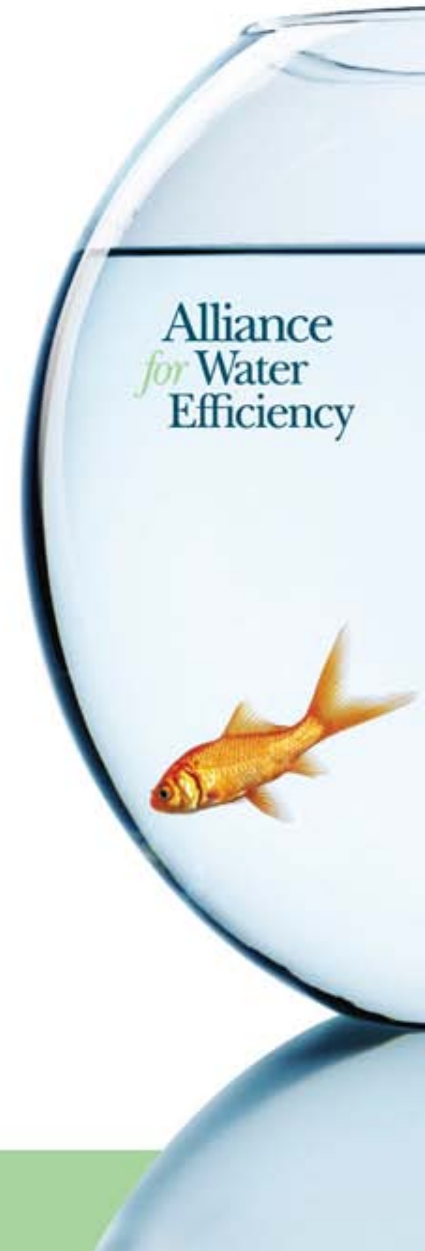
AWE Library Sections



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-  Alternate Water Supply
-  Codes and Standards
-  Drought

AWE Web Site

- “Resource Library” of detailed conservation information on programs, products, and practices
- From July 2009 to July 2010:
 - *686,431 unique visits*
 - *7,844,515 hits*
 - *148,072 files downloaded*
- Discussion Forum
- Legislative Watch Page
- State and Province Information Pages



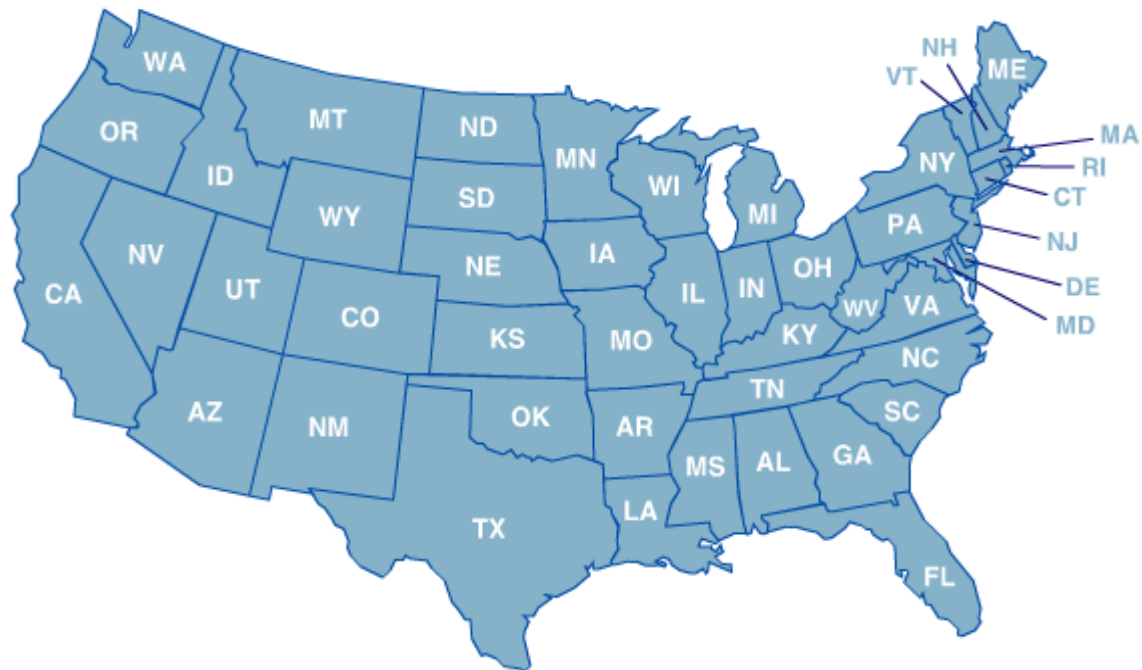


Alliance
for Water
Efficiency

Promoting the Efficient and
Sustainable Use of Water

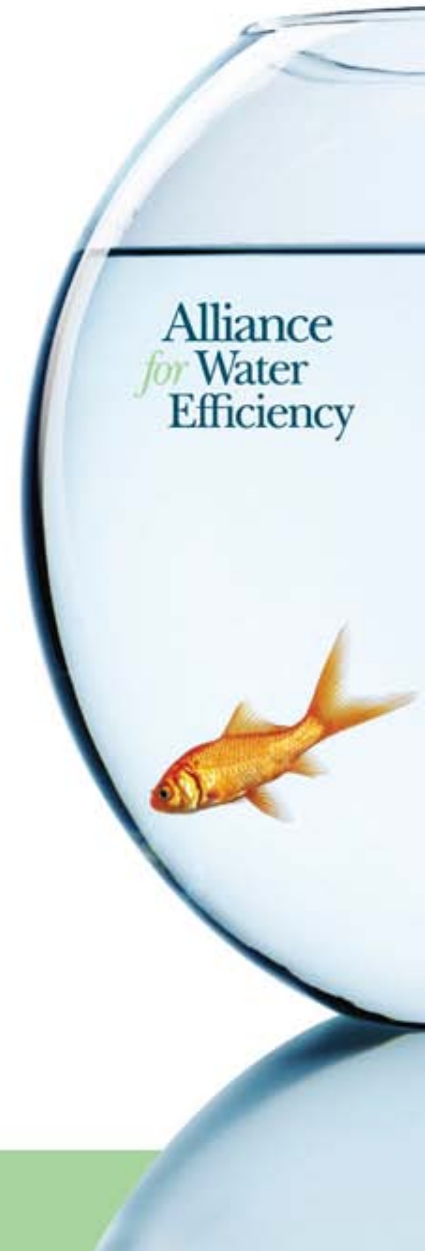
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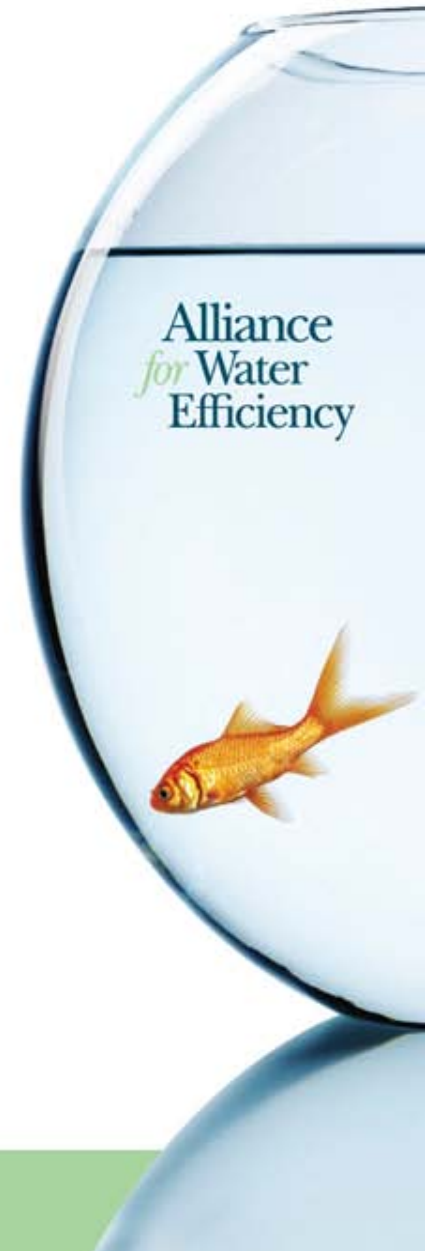
What is Being Asked

1. State plumbing efficiency standards?
2. State conservation plans?
3. Mandatory conservation planning for water supply systems?
4. Mandatory conservation implementation for water supply systems?
5. Ability to use SRF funds for conservation programs?
6. Case examples from within the state?
7. Any published reports on conservation within the state?



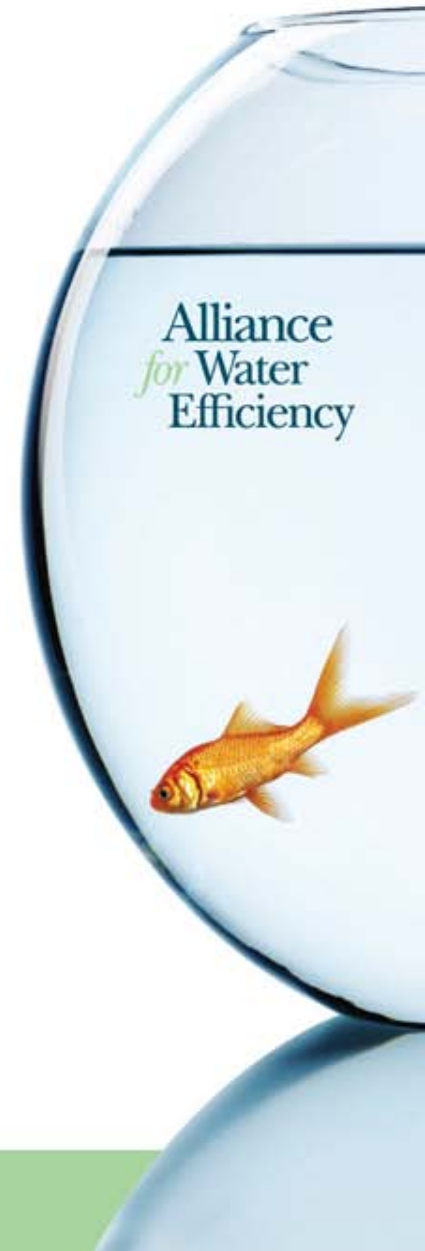
Since January, 2009

- Stimulus funding for green project reserve
- New Executive Order
- Climate change bills
- Water efficiency in **30** pending House and Senate Bills
- Even the Senate Majority Leader filed **2** water efficiency bills!
- **\$ for water efficiency for the first time, although very modest compared with energy**



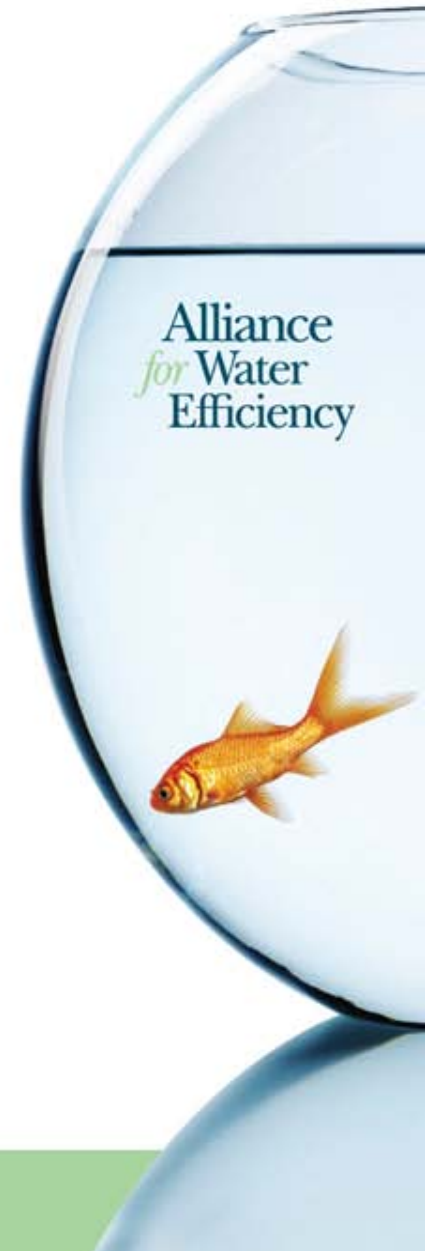
9 Main Topic Areas

1. American Recovery and Re-investment Act (ARRA)
2. 2009 Executive Order
3. WaterSense Program authorization
4. Water Efficiency Research
5. Consumer and Business Tax Credits
6. Commercial Facility retrofits
7. Climate Change
8. Green Infrastructure for Clean Water
9. Consumer incentives



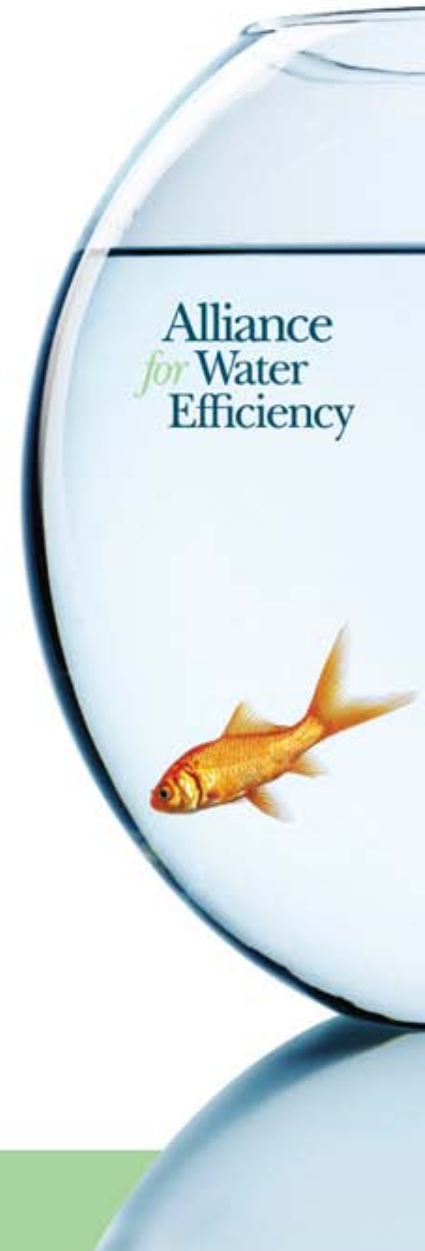
ARRA

- **AWE Green Jobs Analysis (2008)**
 - \$10 Billion yields 150,000-220,000 jobs
 - Economic Benefit multiplier of 1.3 to 1.5
- **Stimulus Package Funding (2009)**
 - \$787 Billion overall
 - \$6 Billion for water and wastewater
 - 20% “green project” set-aside
 - 20% must be for water efficiency, energy efficiency, and storm water management



New Executive Order

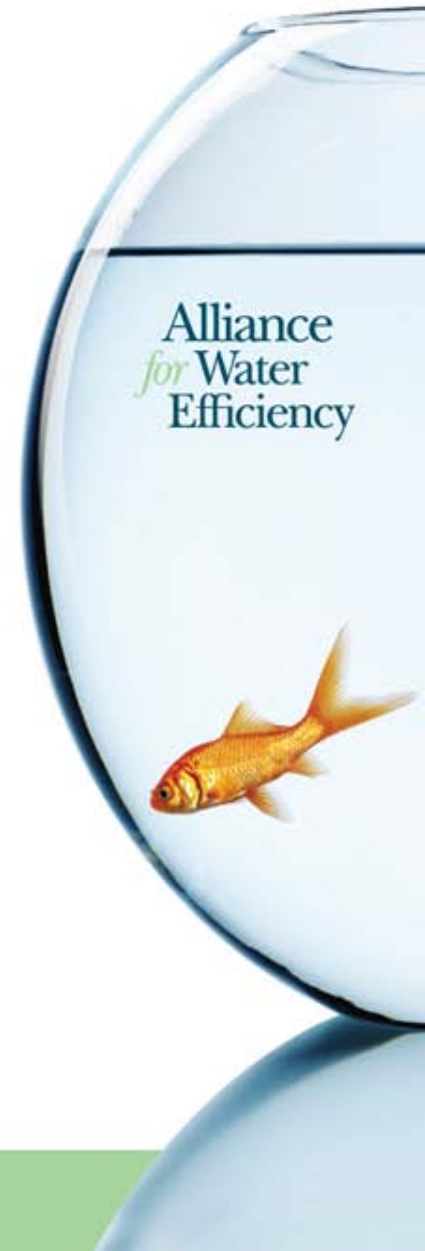
- Signed October 5, 2009
- Sets sustainability goals for federal agencies
- Requires a “Senior Sustainability Officer” in every agency to be held accountable to CEQ Chair and OMB Director
- Requires 2020 greenhouse gas emissions reduction target set within 90 days
- **WATER EFFICIENCY:** 26% reduction in water use required by 2020 (2% annually)





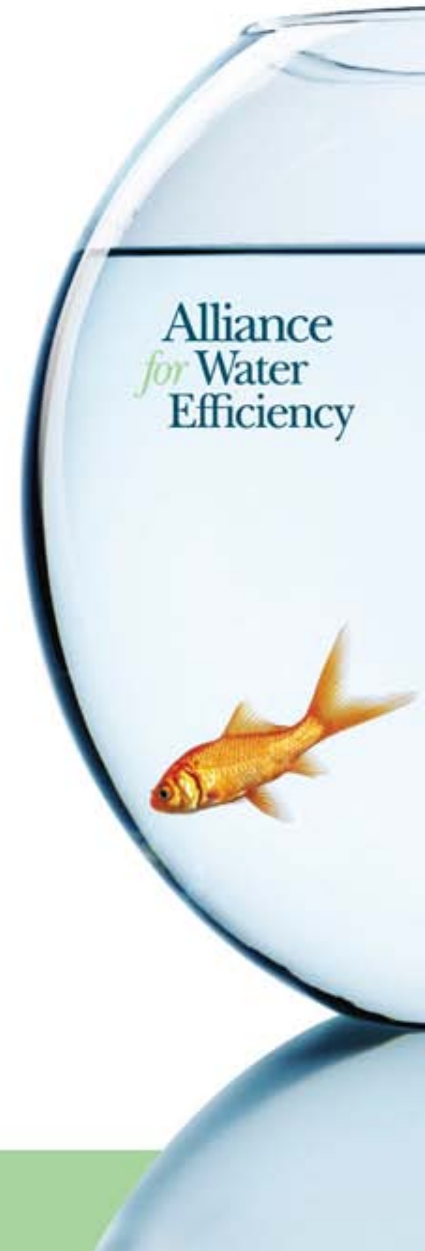
WaterSense

- Congressional authorization needed for separate budgeting
- Current EPA funding: \$2.5 million per year
- Congressional Hearing March 30, 2009
- New annual funding levels proposed:
 - S. 1005: \$5 million in 2010, to max of \$10 million by 2014
 - S. 1712, H.R. 2368: \$7.5 million in 2010, to max of \$50 million in 2013



Water Efficiency Research

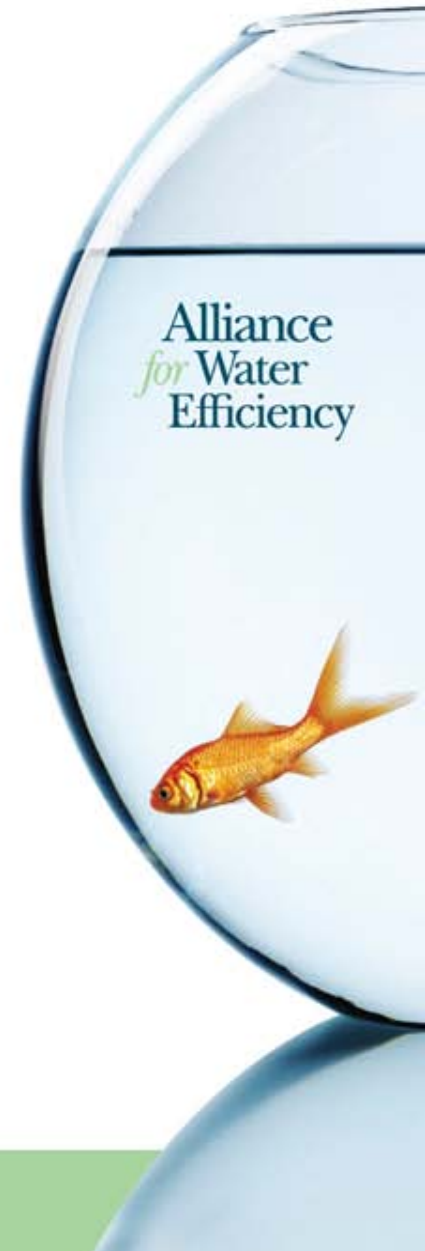
- EPA Office of Research and Development not historically interested in water efficiency
- Specific congressional mandate
- H.R. 631 passed in early 2009
 - \$100 million over 5 years
- Senate version is in Section 302 of S.1005
 - \$200 million over 5 years
 - Not all the money is for water efficiency



Tax Credits and Bonds

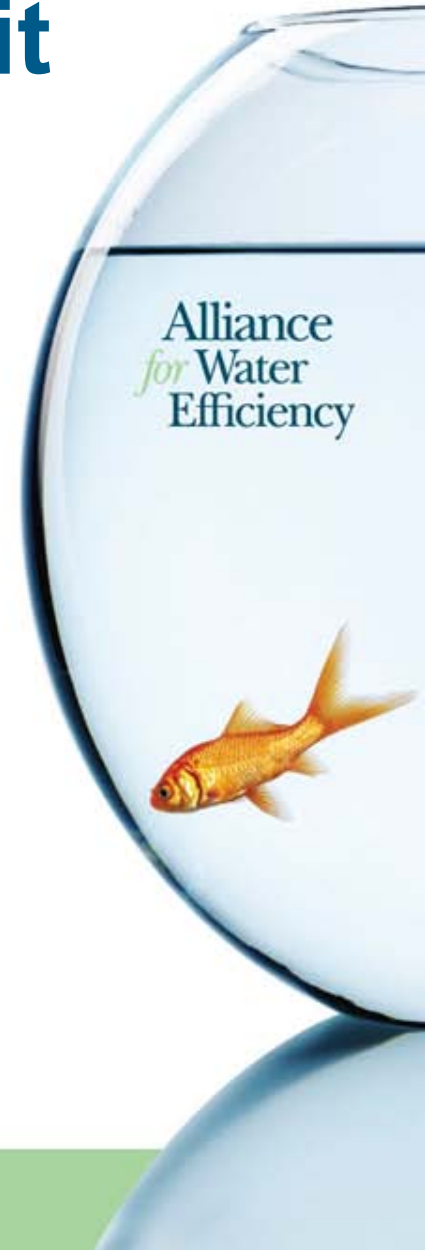
Reid Bill S. 1711

- 50% tax credit (up to \$750 max) for WaterSense products, or landscaping reducing water use by 50%
- \$1,500 contractor tax credit for each WaterSense New Home
- Adding “water” to \$4 billion in energy conservation bonds:
 - 30% reduction in public facilities
 - Advanced AMR and billing
 - Reducing water loss



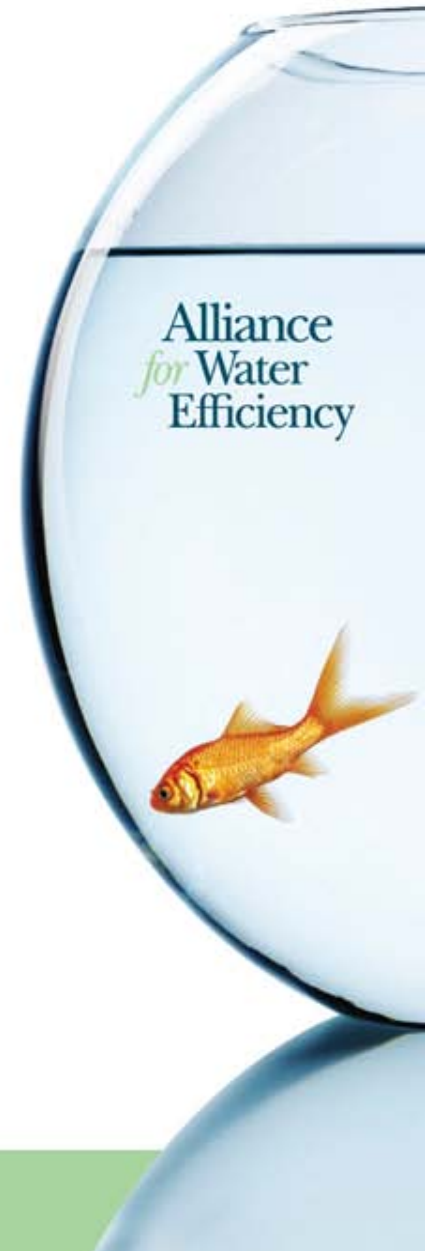
Commercial Facility Retrofit

- REEP – Retrofit for Energy and Environmental Performance
- \$24 per 1,000 gallons/year of potable water savings of 40% or more;
- \$27 per 1,000 gallons/year of potable water savings of 50% or more
- \$30 per 1,000 gallons/year of potable water savings of 60% or more



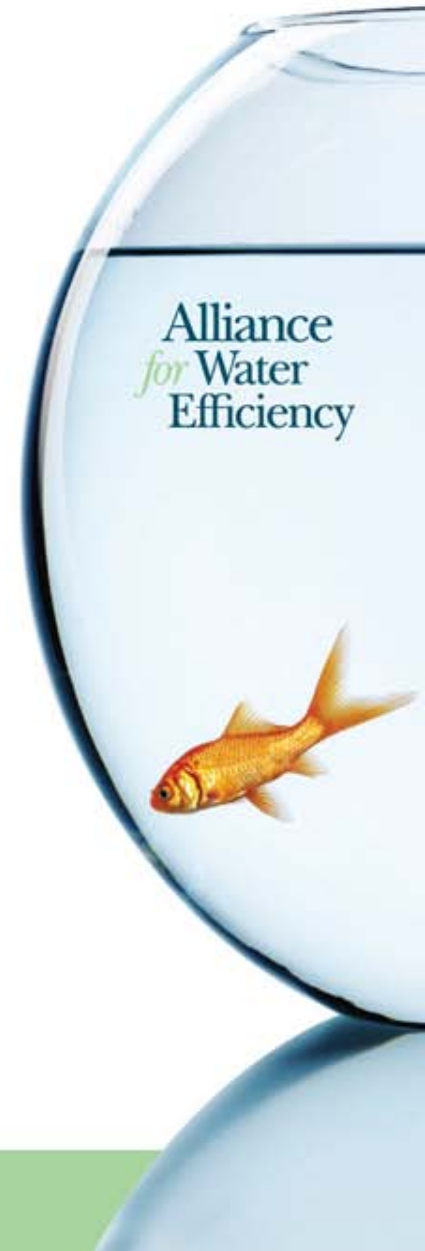
Climate Bills

- H.R. 2454 (Waxman-Markey) passed by Congress in June, 2009
- S. 1733 (Boxer-Kerry) proposed 9/30
- Incorporates S. 1712 provisions:
 - Authorizes EPA's WaterSense program
 - Directs Federal agencies to purchase WaterSense or Federal Energy Management Program certified products
 - Authorizes grants to eligible entities for incentive programs to consumers who purchase and install water-efficient products



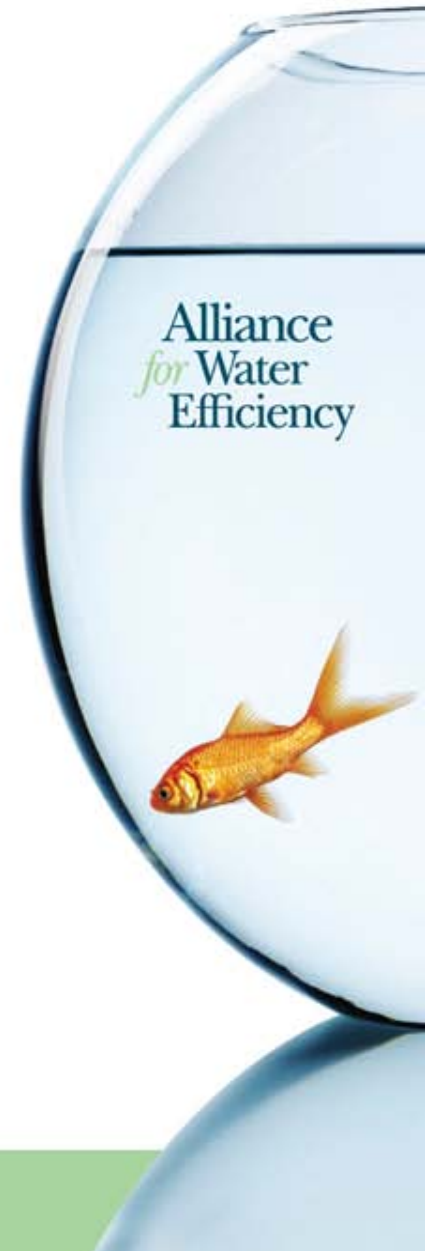
Green Infrastructure

- H.R. 4202 (Edwards) introduced 12/3/2009
- Establishes centers of excellence for green infrastructure throughout the United States in a competitive grant process
- Creates within the EPA's Office of Water a green infrastructure program to coordinate, promote and integrate green infrastructure into permitting programs



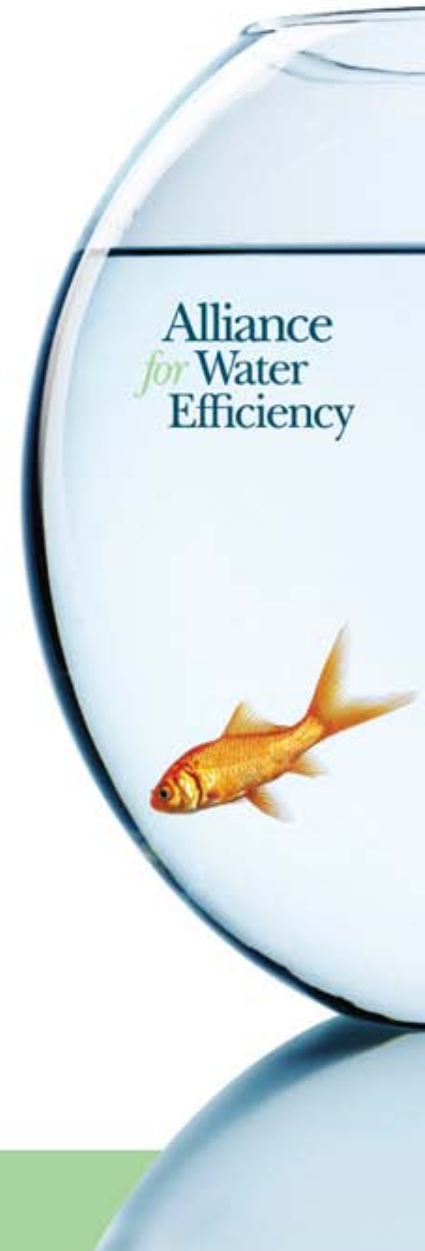
Consumer Incentives

- WaterSense indoor and outdoor measures, New Homes
- Incentive funds allocated to states by population formula
- S. 1712: \$700 million over 5 years
- H.R. 2368: \$450 million over 5 years
- **NOTE:** H.R. 2368 amended into H.R. 2454 (House Climate bill) and passed in June, 2009



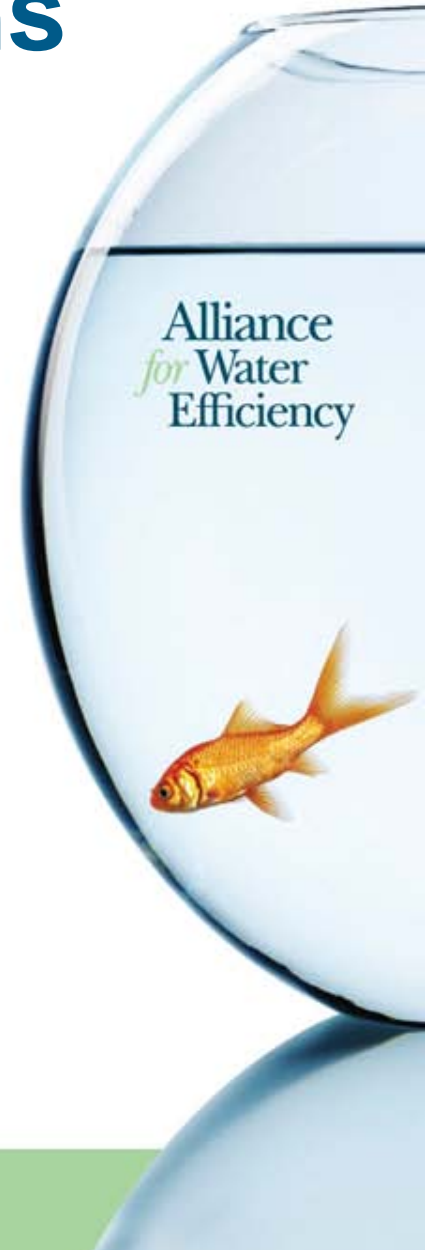
Home Star Proposal

- S. 363 “Clean Energy Jobs and Oil Accountability Act of 2010”
- Next “jobs/incentives” legislation
- \$500 Billion for energy , \$100 million for water
- May move in the last days of Congress after elections
- Senator Reid committed to bringing bill to floor



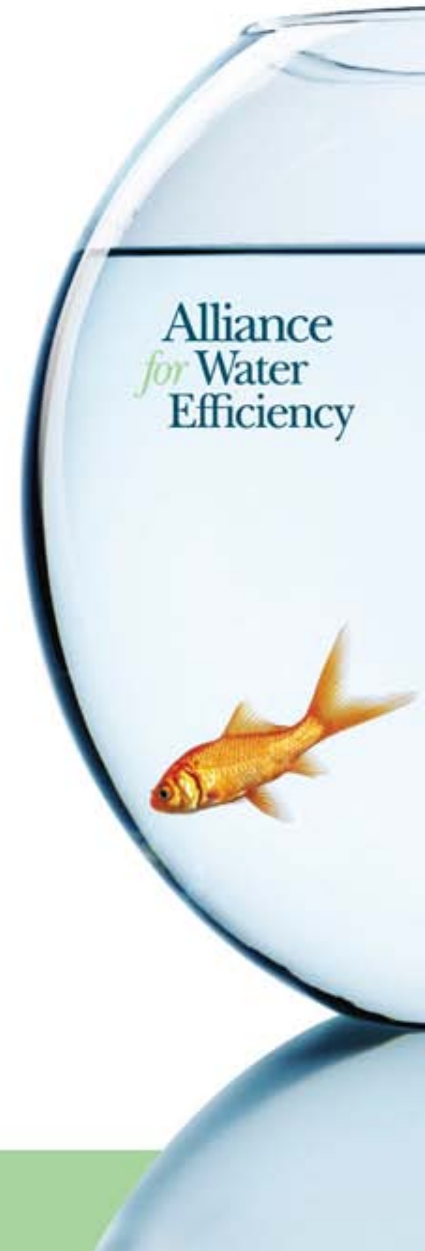
Home Star Water Provisions

- **Silver Star water provisions:**
 - 50% rebate on WaterSense products
 - Indoor as well as outdoor products
 - 50% of installation costs would be covered
 - Maximum of \$150 per WaterSense product, total rebates not to exceed \$750
 - Maximum of \$300 per installation, total services not to exceed \$1500
- **Gold Star water provisions:**
 - \$500 rebate for 20% reduction in potable water use



Legislative Strategy

- Paintball approach
- We had hoped for something to pass in this Congress
- Water and energy efficiency getting intertwined at last
- Energy Efficiency, Carbon credits and climate change
- WaterSense getting Congressional interest
- WATER Coalition closely working with Congress
- Legislative Watch Page on www.a4we.org





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AWE Legislative Watch

The Alliance for Water Efficiency is pleased to monitor federal legislation and inform members of bills relating to water conservation and efficiency. Additionally, as it comes to our attention, we will include pertinent state-level legislation. Check back for updates.

| [Jump to U.S. Senate](#) |

U.S. House of Representatives

111th Congress

- [H.R. 135 - The Twenty-First Century Water Commission Act of 2009](#)
- [H.R. 146 - The Omnibus Public Land Management Act of 2009](#)
- [H.R. 469 - The Produced Water Utilization Act of 2009](#)
- [H.R. 631 - The Water Use Efficiency and Conservation Research Act of 2009](#)
- [H.R. 1145 - The National Water Research and Development Initiative Act of 2009](#)



States with Legislation

GEORGIA

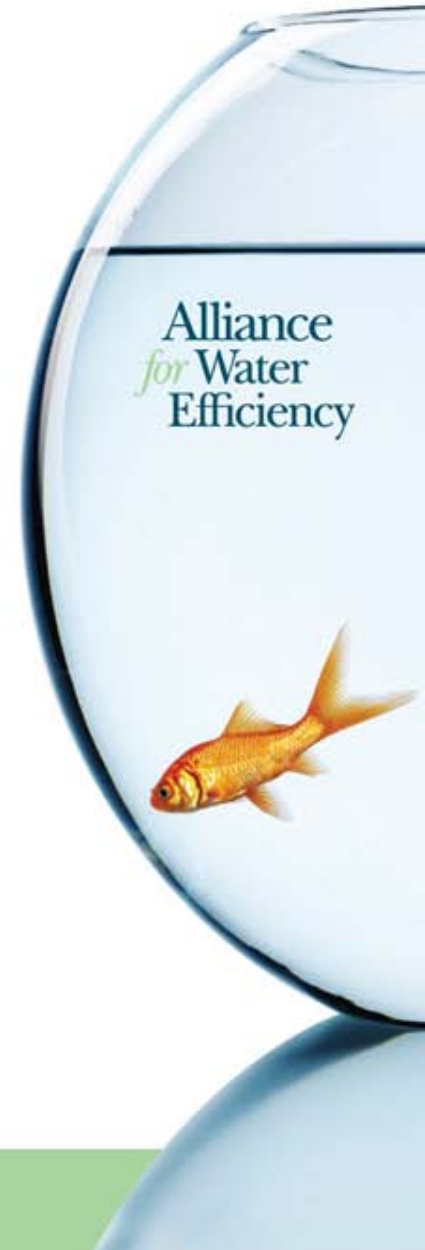
- *Standards for toilets, faucets, urinals, cooling towers*
- *Standardized water loss reporting by water utilities*
- *Full metering of multi-family, commercial and industrial construction*
- *statewide outdoor watering schedule*
- *Revised State Implementation Plan*

CALIFORNIA

- *Standards for toilets, faucets, urinals*
- *20% reduction in urban water use by 2020*

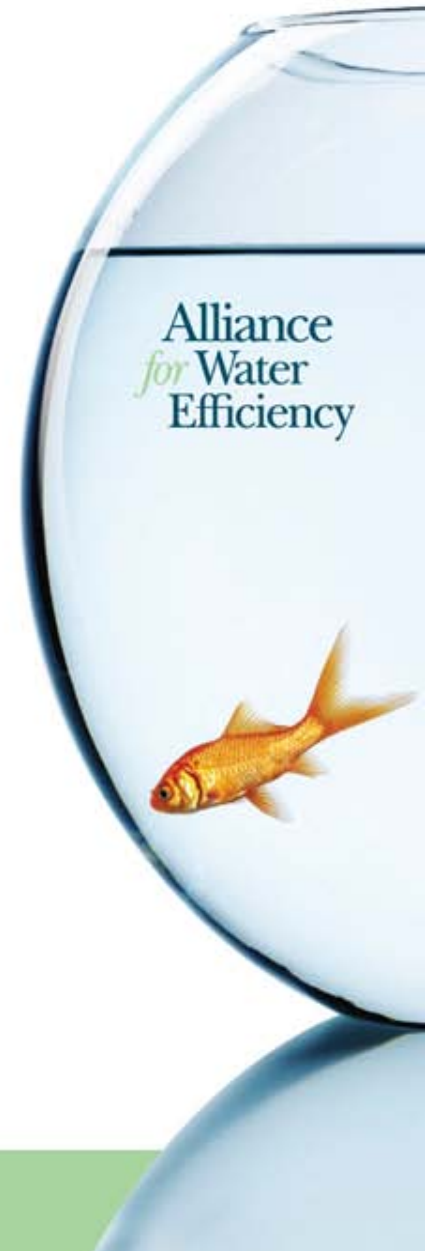
TEXAS

- *Standards for toilets, faucets, urinals*



Other New Developments

- Dept of Interior Water SMART Initiative on sustainability
- Wisconsin draft Water Conservation and Efficiency Rule under Great Lakes Compact
- Great Lakes Rates Project (Handbook and workshops)
- Energy and Water nexus research
- Plumbing Efficiency Research Coalition and study on drain line carry





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