

BACWA Annual Meeting

May 6, 2022

EPA Priorities and Updates

ELLEN BLAKE, ASSISTANT DIRECTOR

WATER DIVISION

U.S. EPA REGION 9

Administration Priorities

Executive Order 14008 Tackling the Climate Crisis at Home and Abroad

- ❑ Justice40 Initiative: ensure that federal agencies deliver 40 percent of the overall benefits of climate, clean energy, affordable and sustainable housing, clean water, and other investments to underserved communities.
- ❑ Climate and Environmental Justice Screening Tool: identifies, by census tract, communities that are marginalized, underserved, and overburdened by pollution.

Bipartisan Infrastructure Law (BIL)

- ❑ Over \$50 billion for clean water projects; including wastewater and drinking water
- ❑ Over \$5 billion for cleaning up longstanding pollution at Superfund and brownfields sites and for making improvements to waste management and recycling systems

Environmental Justice

Coordinating with State Board and Regional Boards

San Francisco Bay Equity Workshop

- Provide technical assistance and regional training
- Early planning underway
 - Heidi Nutters at San Francisco Estuary Partnership
 - Jackie Zipkin at East Bay Dischargers Authority

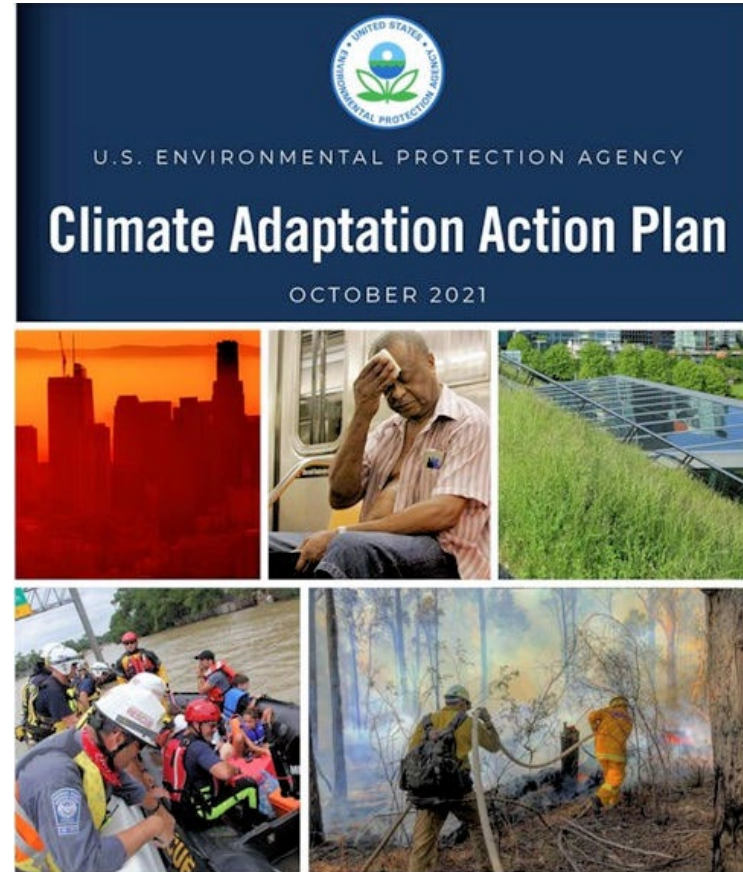
“Agencies shall make achieving environmental justice part of their missions by developing programs, policies, and activities to address the disproportionately high and adverse human health, environmental, climate-related and other cumulative impacts on disadvantaged communities, as well as the accompanying economic challenges of such impacts.” EO14008

Climate Adaptation Action Plan

October 2021 National Climate
Adaption Plan

Summer 2022 Region 9 updating
Regional Climate Adaption
Implementation Plan

Outreach to Partners



Bipartisan Infrastructure Law (BIL)

FY 2022 State Revolving Fund (SRF) Estimated BIL Allotments to California

Drinking Water SRF (DWSRF)	\$158 M
Clean Water SRF (CWSRF)	\$128 M
DWSRF – Lead Service Line Replacement	\$250 M
DWSRF – Emerging Contaminants	\$67 M
CWSRF – Emerging Contaminants	\$6 M
FY 2022 CA BIL SRF Total	\$609 M



SRF Eligible Project Categories

DW SRF

Treatment

Transmission & Distribution

Storage

Source

Consolidation

Creation of New Systems

Planning & Design

DWSRF

https://www.waterboards.ca.gov/drinking_water/services/funding/SRFForms.html

CW SRF

Centralized Wastewater Treatment– POTWs

Climate Resiliency and Hazard Mitigation

Energy Conservation and Water Conservation

Water Reuse

Decentralized Wastewater Treatment

Stormwater Management

Planning/Assessments

Habitat/Ecosystem Restoration/Source Water

Contaminated Site Remediation

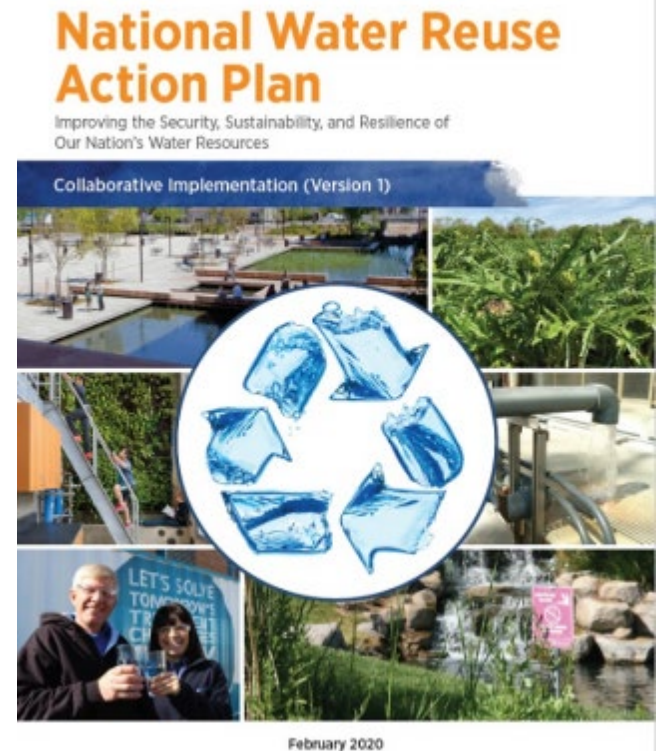
CWSRF

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/srf_forms.html

Water Reuse Action Plan (WRAP)

Focus areas in the last year

- Incorporating Water Reuse into Programs and Policies: [WRAP Online Platform](#)
- Supporting Technical and Scientific Advancements and Understanding
- Building Awareness and Sharing Knowledge
- Engaging NPDES stakeholders and developing educational materials for pretreatment programs to improve opportunities to recycle and reclaim municipal and industrial wastewater



PFAS Strategic Roadmap 2021 – 2024

https://www.epa.gov/system/files/documents/2021-10/pfas-roadmap_final-508.pdf

Analytical Methods/Drinking Water

- EPA's Draft Method 1621 Screening Method for the Determination of Adsorbable Organic Fluorine (AOF) released April 2022
- PFOA/PFOS drinking water rulemaking for proposed MCLs expected in fall 2022 and final MCLs expected in fall 2023

NPDES Permits

- *Addressing PFAS Discharges in EPA-Issued NPDES Permits and Expectations Where EPA is the Pretreatment Control Authority* released April 2022

Water quality criteria

- Draft Aquatic Life Criteria for [PFOA](#) and [PFOS](#) released for public comment April 2022

San Francisco Bay Nutrient Management Strategy



- Progress understanding nutrient behavior in the bay.
- Current conditions:
 - Low level presence of harmful algae
 - Low oxygen in sloughs
- Uncertainty about future conditions which will increase bloom potential
 - Warmer water and increased stratification
 - Decrease in suspended solids
 - Decadal changes
 - Effects of nutrients on ocean acidification

Long-term engagement and support needed

Trash Free Waters/ Marine Debris



EPA National Plastics Strategy Save Our Seas 2.0 Act of 2020 public comment Summer 2022

EPA Resources at <https://www.epa.gov/trash-free-waters>, includes:

- April 2021 Trash Stormwater Permit Compendium
- *The Rapids* newsletter and upcoming webinars

Coming in 2022: National Municipal Stormwater Alliance projects

- Create online community of practice for stormwater and solid waste professionals re: trash
- Standardize metrics and methods for measuring the effectiveness of trash capture and reduction efforts

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FY22 SFBWQIF RFAs Overview

Tentative Release Mid-May

Available Funds	BIL = ~ \$5 million consistent with SFEP's CCMP (Estuary Blueprint)	EPA Geo Program Budget = ~\$24mil consistent with SFEP's CCMP (Estuary Blueprint)
Funding Range for Projects	\$200,000 to \$1mil	\$500,000 to \$2mil
Match (statutory requirement)	Expect to have Match Waiver	50% match (1:1)
Project Period	~4 Years	~4 Years

Questions
