

D. Investments in Infrastructure

To assist in meeting the critical need for investments and improvements to existing infrastructure in water, sewer, and broadband, the Fiscal Recovery Funds provide funds to State, local, and Tribal governments to make necessary investments in these sectors. The interim final rule outlines eligible uses within each category, allowing for a broad range of necessary investments in projects that improve access to clean drinking water, improve wastewater and stormwater infrastructure systems, and provide access to high-quality broadband service. Necessary investments are designed to provide an adequate minimum level of service and are unlikely to be made using private sources of funds. Necessary investments include projects that are required to maintain a level of service that, at least, meets applicable health-based standards, taking into account resilience to climate change, or establishes or improves broadband service to unserved or underserved populations to reach an adequate level to permit a household to work or attend school, and that are unlikely to be met with private sources of funds.¹²⁴

It is important that necessary investments in water, sewer, or broadband infrastructure be carried out in ways that produce high-quality infrastructure, avert disruptive and costly delays, and promote efficiency. Treasury encourages recipients to ensure that water, sewer, and broadband projects use strong labor standards, including project labor agreements and community benefits agreements that offer wages at or above the prevailing rate and include local hire provisions, not only to promote effective and efficient delivery of high-quality infrastructure

¹²⁴ Treasury notes that using funds to support or oppose collective bargaining would not be included as part of “necessary investments in water, sewer, or broadband infrastructure.”

projects but also to support the economic recovery through strong employment opportunities for workers. Using these practices in construction projects may help to ensure a reliable supply of skilled labor that would minimize disruptions, such as those associated with labor disputes or workplace injuries.

To provide public transparency on whether projects are using practices that promote on-time and on-budget delivery, Treasury will seek information from recipients on their workforce plans and practices related to water, sewer, and broadband projects undertaken with Fiscal Recovery Funds. Treasury will provide additional guidance and instructions on the reporting requirements at a later date.

1. Water and Sewer Infrastructure

The ARPA provides funds to State, local, and Tribal governments to make necessary investments in water and sewer infrastructure.¹²⁵ By permitting funds to be used for water and sewer infrastructure needs, Congress recognized the critical role that clean drinking water and services for the collection and treatment of wastewater and stormwater play in protecting public health. Understanding that State, local, and Tribal governments have a broad range of water and sewer infrastructure needs, the interim final rule provides these governments with wide latitude to identify investments in water and sewer infrastructure that are of the highest priority for their own communities, which may include projects on privately-owned infrastructure. The interim final rule does this by aligning eligible uses of the Fiscal Recovery Funds with the wide range of types or categories of projects that would be eligible to receive financial assistance through the Environmental Protection Agency's (EPA) Clean Water State Revolving Fund (CWSRF) or Drinking Water State Revolving Fund (DWSRF).¹²⁶

¹²⁵ Sections 602(c)(1)(D), 603(c)(1)(D) of the Act.

¹²⁶ Environmental Protection Agency, Drinking Water State Revolving fund, <https://www.epa.gov/dwsrf> (last visited Apr. 30, 2021); Environmental Protection Agency, Clean Water State Revolving Fund, <https://www.epa.gov/cwsrf> (last visited Apr. 30, 2021).

Established by the 1987 amendments¹²⁷ to the Clean Water Act (CWA),¹²⁸ the CWSRF provides financial assistance for a wide range of water infrastructure projects to improve water quality and address water pollution in a way that enables each State to address and prioritize the needs of their populations. The types of projects eligible for CWSRF assistance include projects to construct, improve, and repair wastewater treatment plants, control non-point sources of pollution, improve resilience of infrastructure to severe weather events, create green infrastructure, and protect waterbodies from pollution.¹²⁹ Each of the 51 State programs established under the CWSRF have the flexibility to direct funding to their particular environmental needs, and each State may also have its own statutes, rules, and regulations that guide project eligibility.¹³⁰

The DWSRF was modeled on the CWSRF and created as part of the 1996 amendments to the Safe Drinking Water Act (SDWA),¹³¹ with the principal objective of helping public water systems obtain financing for improvements necessary to protect public health and comply with

¹²⁷ Water Quality Act of 1987, Pub. L. 100-4.

¹²⁸ Federal Water Pollution Control Act as amended, codified at 33 U.S.C. 1251 *et seq.*, common name (Clean Water Act). In 2009, the American Recovery and Reinvestment Act created the Green Project Reserve, which increased the focus on green infrastructure, water and energy efficient, and environmentally innovative projects. Pub. L. 111-5. The CWA was amended by the Water Resources Reform and Development Act of 2014 to further expand the CWSRF's eligibilities. Pub. L. 113-121. The CWSRF's eligibilities were further expanded in 2018 by the America's Water Infrastructure Act of 2018, Pub. L. 115-270.

¹²⁹ See Environmental Protection Agency, *The Drinking Water State Revolving Funds: Financing America's Drinking Water*, EPA-816-R-00-023 (Nov. 2000), <https://nepis.epa.gov/Exe/ZyPDF.cgi/200024WB.PDF?Dockey=200024WB.PDF>; See also Environmental Protection Agency, *Learn About the Clean Water State Revolving Fund*, <https://www.epa.gov/cwsrf/learn-about-clean-water-state-revolving-fund-cwsrf> (last visited Apr. 30, 2021).

¹³⁰ 33 U.S.C. 1383(c). See also Environmental Protection Agency, *Overview of Clean Water State Revolving Fund Eligibilities* (May 2016), https://www.epa.gov/sites/production/files/2016-07/documents/overview_of_cwsrf_eligibilities_may_2016.pdf; Claudia Copeland, *Clean Water Act: A Summary of the Law*, Congressional Research Service (Oct. 18, 2016), <https://fas.org/sgp/crs/misc/RL30030.pdf>; Jonathan L. Ramseur, *Wastewater Infrastructure: Overview, Funding, and Legislative Developments*, Congressional Research Service (May 22, 2018), <https://fas.org/sgp/crs/misc/R44963.pdf>.

¹³¹ 42 U.S.C. 300j-12.

drinking water regulations.¹³² Like the CWSRF, the DWSRF provides States with the flexibility to meet the needs of their populations.¹³³ The primary use of DWSRF funds is to assist communities in making water infrastructure capital improvements, including the installation and replacement of failing treatment and distribution systems.¹³⁴ In administering these programs, States must give priority to projects that ensure compliance with applicable health and environmental safety requirements; address the most serious risks to human health; and assist systems most in need on a per household basis according to State affordability criteria.¹³⁵

By aligning use of Fiscal Recovery Funds with the categories or types of eligible projects under the existing EPA state revolving fund programs, the interim final rule provides recipients with the flexibility to respond to the needs of their communities while ensuring that investments in water and sewer infrastructure made using Fiscal Recovery Funds are necessary. As discussed above, the CWSRF and DWSRF were designed to provide funding for projects that protect public health and safety by ensuring compliance with wastewater and drinking water health standards.¹³⁶ The need to provide funding through the state revolving funds suggests that these projects are less likely to be addressed with private sources of funding; for example, by remediating failing or inadequate infrastructure, much of which is publicly owned, and by addressing non-point sources of pollution. This approach of aligning with the EPA state revolving fund programs also supports expedited project identification and investment so that

¹³² Environmental Protection Agency, Drinking Water State Revolving Fund Eligibility Handbook, (June 2017), https://www.epa.gov/sites/production/files/2017-06/documents/dwsrf_eligibility_handbook_june_13_2017_updated_508_version.pdf; Environmental Protection Agency, Drinking Water Infrastructure Needs Survey and Assessment: Sixth Report to Congress (March 2018), https://www.epa.gov/sites/production/files/2018-10/documents/corrected_sixth_drinking_water_infrastructure_needs_survey_and_assessment.pdf.

¹³³ *Id.*

¹³⁴ *Id.*

¹³⁵ 42 U.S.C. 300j-12(b)(3)(A).

¹³⁶ Environmental Protection Agency, Learn About the Clean Water State Revolving Fund, <https://www.epa.gov/cwsrf/learn-about-clean-water-state-revolving-fund-cwsrf> (last visited Apr. 30, 2021); 42 U.S.C. 300j-12.

needed relief for the people and communities most affected by the pandemic can be deployed expeditiously and have a positive impact on their health and wellbeing as soon as possible. Further, the interim final rule is intended to preserve flexibility for award recipients to direct funding to their own particular needs and priorities and would not preclude recipients from applying their own additional project eligibility criteria.

In addition, responding to the immediate needs of the COVID-19 public health emergency may have diverted both personnel and financial resources from other State, local, and Tribal priorities, including projects to ensure compliance with applicable water health and quality standards and provide safe drinking and usable water.¹³⁷ Through sections 602(c)(1)(D) and 603(c)(1)(D), the ARPA provides resources to address these needs. Moreover, using Fiscal Recovery Funds in accordance with the priorities of the CWA and SWDA to “assist systems most in need on a per household basis according to state affordability criteria” would also have the benefit of providing vulnerable populations with safe drinking water that is critical to their health and, thus, their ability to work and learn.¹³⁸

Recipients may use Fiscal Recovery Funds to invest in a broad range of projects that improve drinking water infrastructure, such as building or upgrading facilities and transmission, distribution, and storage systems, including replacement of lead service lines. Given the lifelong impacts of lead exposure for children, and the widespread nature of lead service lines, Treasury encourages recipients to consider projects to replace lead service lines.

¹³⁷ House Committee on the Budget, State and Local Governments are in Dire Need of Federal Relief (Aug. 19, 2020), <https://budget.house.gov/publications/report/state-and-local-governments-are-dire-need-federal-relief>.

¹³⁸ Environmental Protection Agency, Drinking Water State Revolving Fund (Nov. 2019), https://www.epa.gov/sites/production/files/2019-11/documents/fact_sheet_-_dwsrf_overview_final_0.pdf; Environmental Protection Agency, National Benefits Analysis for Drinking Water Regulations, <https://www.epa.gov/sdwa/national-benefits-analysis-drinking-water-regulations> (last visited Apr. 30, 2020).

Fiscal Recovery Funds may also be used to support the consolidation or establishment of drinking water systems. With respect to wastewater infrastructure, recipients may use Fiscal Recovery Funds to construct publicly owned treatment infrastructure, manage and treat stormwater or subsurface drainage water, facilitate water reuse, and secure publicly owned treatment works, among other uses. Finally, consistent with the CWSRF and DWSRF, Fiscal Recovery Funds may be used for cybersecurity needs to protect water or sewer infrastructure, such as developing effective cybersecurity practices and measures at drinking water systems and publicly owned treatment works.

Many of the types of projects eligible under either the CWSRF or DWSRF also support efforts to address climate change. For example, by taking steps to manage potential sources of pollution and preventing these sources from reaching sources of drinking water, projects eligible under the DWSRF and the ARPA may reduce energy required to treat drinking water. Similarly, projects eligible under the CWSRF include measures to conserve and reuse water or reduce the energy consumption of public water treatment facilities. Treasury encourages recipients to consider green infrastructure investments and projects to improve resilience to the effects of climate change. For example, more frequent and extreme precipitation events combined with construction and development trends have led to increased instances of stormwater runoff, water pollution, and flooding. Green infrastructure projects that support stormwater system resiliency could include rain gardens that provide water storage and filtration benefits, and green streets, where vegetation, soil, and engineered systems are combined to direct and filter rainwater from impervious surfaces. In cases of a natural disaster, recipients may also use Fiscal Recovery Funds to provide relief, such as interconnecting water systems or rehabilitating existing wells during an extended drought.

Question 18: What are the advantages and disadvantages of aligning eligible uses with the eligible project type requirements of the DWSRF and CWSRF? What other water or sewer

project categories, if any, should Treasury consider in addition to DWSRF and CWSRF eligible projects? Should Treasury consider a broader general category of water and sewer projects?

Question 19: What additional water and sewer infrastructure categories, if any, should Treasury consider to address and respond to the needs of unserved, underserved, or rural communities? How do these projects differ from DWSRF and CWSRF eligible projects?

Question 20: What new categories of water and sewer infrastructure, if any, should Treasury consider to support State, local, and Tribal governments in mitigating the negative impacts of climate change? Discuss emerging technologies and processes that support resiliency of water and sewer infrastructure. Discuss any challenges faced by States and local governments when pursuing or implementing climate resilient infrastructure projects.

Question 21: Infrastructure projects related to dams and reservoirs are generally not eligible under the CWSRF and DWSRF categories. Should Treasury consider expanding eligible infrastructure under the interim final rule to include dam and reservoir projects? Discuss public health, environmental, climate, or equity benefits and costs in expanding the eligibility to include these types of projects.