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# Water & Sewer Infrastructure

## Final Rule “Policy Language”

[Final Rule Pg. 4451](#)

### § 35.6 Eligible uses

#### Making necessary investments in water, sewer, and broadband infrastructure.

A recipient may use funds to make the following investments in water, sewer, and broadband infrastructure.

- (1) **Water and sewer investments**—(i) **Clean Water State Revolving Fund projects.** Projects or activities of the type that meet the eligibility requirements of section 603(c) of the Federal Water Pollution Control Act (33 U.S.C. 1383(c));  
(ii) **Additional stormwater projects.** Projects to manage, reduce, treat, or recapture stormwater or subsurface drainage water regardless of whether such projects would improve water quality if such projects would otherwise meet the eligibility requirements of section 603(c)(5) of the Federal Water Pollution Control Act (33 U.S.C. 1383(c)(5));  
(iii) **Drinking Water State Revolving Fund projects.** Projects or activities of the type that meet the eligibility requirements of section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j–12) as implemented by the regulations adopted by the Environmental Protection Agency (EPA) under 40 CFR 35.3520, provided that:
  - (A) The recipient is not required to comply with the limitation under 40 CFR 35.3520(c)(2) to acquisitions of land from willing sellers or the prohibition under 40 CFR 35.3520(e)(6) on uses of funds for certain Tribal projects; and
  - (B) In the case of lead service line replacement projects, the recipient must replace the full length of the service line and may not replace only a partial portion of the service line.
- (iv) **Additional lead remediation and household water quality testing.** Projects or activities to address lead in drinking water or provide household water quality testing that are within the scope of the programs the EPA is authorized to establish under sections 1459A(b)(2), 1459B(b)(1), 1464(d)(2), and 1465 of the Safe Drinking Water Act (42 U.S.C. 300j–19a(b)(2), 300j–19b(b)(1), 300j–24(d)(2), and 300j–25), provided that:
  - (A) In the case of lead service line replacement projects, the recipient must replace the full length of the service line and may not replace only a partial portion of the service line; and
  - (B) In the case of projects within the scope of the program the EPA is authorized to establish under section 1459B(b)(1) of the Safe Drinking Water Act, the

recipient may determine the income eligibility of homeowners served by lead service line replacement projects in its discretion.

(v) **Drinking water projects to support increased population.** Projects of the type that meet the eligibility requirements of 40 CFR 35.3520 other than the requirement of subparagraph (b)(1) of such regulation to address present or prevent future violations of health-based drinking water standards, if the following conditions are met:

- (A) The project is needed to support increased population, with need assessed as of the time the project is undertaken;
- (B) The project is designed to support no more than a reasonable level of projected increased need, whether due to population growth or otherwise;
- (C) The project is a cost-effective means for achieving the desired level of service; and
- (D) The project is projected to continue to provide an adequate level of drinking water over its estimated useful life.

(vi) **Dams and reservoirs.** Rehabilitation of dams and reservoirs if the following conditions are met:

- (A) The project meets the requirements of 40 CFR 35.3520 other than the following requirements:
  - (1) The prohibition on the rehabilitation of dams and reservoirs in 40 CFR 35.3520(e)(1) and (3); and
  - (2) The requirement in 40 CFR 35.3520(b)(1) that the project is needed to address present or prevent future violations of health-based drinking water standards, provided that if the dam or reservoir project does not meet this requirement, the project must be needed to support increased population, with need assessed as of the time the project is undertaken, and the project must be projected to continue to provide an adequate level of drinking water over its estimated useful life;
- (B) The primary purpose of the dam or reservoir is for drinking water supply;
- (C) The project is needed for the provision of drinking water supply, with need assessed as of the time the project is initiated;
- (D) The project is designed to support no more than a reasonable level of projected increased need, whether due to population growth or otherwise; and
- (E) The project is a cost-effective means for achieving the desired level of service.

(vii) **Private wells.** Rehabilitation of private wells, testing initiatives to identify contaminants in private wells, and treatment activities and remediation projects that address contamination in private wells, if the project meets the requirements of 40 CFR 35.3520 other than the limitation to certain eligible systems under 40 CFR 35.3520(a).

## Treasury SLFRF Policy Clarification Resource: Summary of Interim Final Rule Public Comments and Treasury's response.

### [Final Rule Pg. 4409](#)

Sections 602(c)(1)(D) and Section 603(c)(1)(D) of the Social Security Act provide that recipients may use the SLFRF funds “to make necessary investments in water [and] sewer . . . infrastructure.” The interim final rule permitted a broad range of necessary investments in projects that improve access to clean drinking water and improve wastewater and stormwater infrastructure systems. As discussed below, after review of comments received on the interim final rule, Treasury has made changes in the final rule to expand the scope of eligible water and sewer projects.

**Public Comment:** Treasury received many comments responding to the water and sewer infrastructure provisions of the interim final rule from state, local, and Tribal governments, industry trade associations, public interest groups, private individuals, and other interested parties. Commenters requested that Treasury provide a wider set of eligible uses for water and sewer infrastructure beyond those uses articulated by the DWSRF and CWSRF, suggesting that Treasury expand the definition of necessary water and sewer infrastructure.

**Treasury Response:** In response to commenters, Treasury is expanding the eligible use categories for water and sewer infrastructure, discussed in further detail below. Because the interim final rule aligned the definition of necessary water and sewer infrastructure with the eligible uses included in the DWSRF and CWSRF, Treasury is reflecting in the final rule a revised standard for determining a necessary water and sewer infrastructure investment for eligible water and sewer uses beyond those uses that are eligible under the DWSRF and CWSRF.

### [Interpretation of Necessary Investments and Water and Sewer Infrastructure](#)

**Necessary Investments:** As discussed above, Treasury considers an investment in infrastructure to be necessary if it is (1) responsive to an identified need to achieve or maintain an adequate minimum level of service, which for some eligible project categories may include a reasonable projection of increased need, whether due to population growth or otherwise and (2) a cost-effective means for meeting that need, taking into account available alternatives. In addition, in the case of investments in drinking water service infrastructure to supply drinking water to satisfy a projected increase in population, the project must also be projected to be sustainable over its estimated useful life. As detailed further below, DWSRF and CWSRF eligible projects continue to be presumed to be necessary investments under the final rule, with the exception of projects for the rehabilitation of dams and reservoirs, which the EPA has permitted in certain

circumstances under the DWSRF and, as discussed below, are addressed separately in the final rule.

In evaluating whether a project would respond to a need to achieve or maintain an adequate minimum level of service, a recipient should consider whether it would meet the needs of the population to be served and would satisfy applicable standards. For example, a drinking water project must be sized such that it provides an adequate volume of water to households and other customers and must meet applicable standards for drinking water quality under the Safe Drinking Water Act (SDWA). Similarly, a centralized wastewater treatment project should be designed to manage updated estimated flow rates and comply with Clean Water Act requirements. These requirements are already reflected in the eligibility criteria of the DWSRF and CWSRF, respectively.

In evaluating whether a project is a cost-effective means of providing the water or sewer service, the recipient should consider the need for the project, the costs and benefits of the project compared to alternatives, and the effectiveness of the project in meeting the identified need. Recipients are not required to conduct a full cost-benefit analysis; however, they should consider and analyze relevant factors. For example, a recipient may not use funds to pursue a costly dam rehabilitation to provide drinking water to a community if it could provide the same service with a significantly smaller investment by drawing water from another available reservoir, assuming that doing so would meet the other requirements of the final rule. As detailed further below, recipients are only required to assess cost-effectiveness of projects for the creation of new drinking water systems, dam and reservoir rehabilitation projects, or projects for the extension of drinking water service to meet population growth needs.

Certain DWSRF eligibilities are already subject to a cost-effectiveness test. Specifically, projects that create new drinking water systems must be a cost-effective solution to addressing the identified problem.<sup>303</sup> The EPA also imposes a cost-effectiveness condition on dam and reservoir rehabilitation projects undertaken pursuant to its class deviation from the DWSRF rule. These projects are particularly expensive and, unlike in the case of other types of eligible projects, there are often available alternatives to conducting these projects. Projects for the extension of drinking water service to meet population growth needs are also often particularly expensive, and there are often different ways to meet the needs of expanding populations. Treasury will accordingly require that recipients engage in a cost-effectiveness analysis when engaging in projects for the creation of new drinking water systems, dam and reservoir rehabilitation projects, or projects for the extension of drinking water service to meet population growth needs. Other types of eligible water or sewer projects will not be subject to this cost-effectiveness test, including lead line replacement and lead remediation.<sup>304</sup>

In the case of projects that expand drinking water service infrastructure to satisfy a projected increase in population, the project must also be sustainable, meaning that the project can continue providing the adequate minimum level of service for its estimated useful life, taking into account projected impacts of changes to the climate and other expected demands on the

source of water. For example, a reservoir rehabilitation project may not be pursued if the reservoir will no longer be able to provide an adequate source of drinking water before the end of the estimated useful life of the improvements to the reservoir. In areas currently impacted by drought or where drought conditions are expected to be more frequent or more severe in the future, sources of drinking water may be diminished more quickly than in prior periods. In considering how much of a source of water will be available in the future for the drinking water project, a recipient must consider that a source of water may be drawn upon or otherwise used for other current and expected uses, including use by fish and other wildlife.

The final rule applies this sustainability condition to projects that expand drinking water service infrastructure to satisfy a projected increase in population but not to other drinking water projects. When a new source of water is required to remedy an existing threat to public health, as in the case of source projects eligible under the DWSRF, sustainability should be a consideration, but in some cases, the need to replace a contaminated source may mean that a less sustainable choice may be made. When faced with such an issue, such as in the case of a contaminated well system, a project to replace the contaminated source can be said to be “necessary” even if the replaced source is not sustainable over the long term. Expediency may dictate that a shorter-term solution is pursued if it is cost-effective and will prevent health issues while a longer-term solution can be found. In contrast, an expansion to accommodate population growth cannot be said to be necessary if it is not sustainable over its estimated useful life.

Not included in the list of criteria above is the requirement in the interim final rule that the project be unlikely to be made using private sources of funds. Given that it may be difficult to assess in a particular case what the probability of private investment in a project would be, Treasury has eliminated this standard from the meaning of necessary but nevertheless encourages recipients to apply funds to projects that would provide the greatest public benefit.

***Water and Sewer Infrastructure:*** As stated above, Congress provided that SLFRF funds are available for “necessary water, sewer, and broadband infrastructure.” Treasury interprets the reference to water and sewer uses consistent with the inclusion of broadband uses. Water, sewer, and broadband infrastructure all involve the provision of essential services to residents, businesses, and other consumers. As the pandemic has made clear, access to broadband has itself become essential for individuals and businesses to participate in education, commerce, work, and civic matters and to receive health care and social services.

Water and sewer services provided broadly to the public as essential services include the provision of drinking water and the removal, management, and treatment of wastewater and stormwater.<sup>305</sup> Although governments are engaged in other infrastructure related to water, including irrigation projects, transportation projects, and recreation projects, such projects go beyond the scope of what is provided to all residents as an essential service. Provision of drinking water and removal, management, and treatment of wastewater and stormwater are the typical responsibilities of “water and sewer” authorities throughout the country, and there

is a tremendous need for improvements to the ability of state, local, and Tribal governments to provide such services, including to address the consequences of deferred maintenance and additional resiliency needed to adapt to changes to the climate.<sup>306</sup>

Although the meaning of water and sewer infrastructure for purposes of sections 602(c)(1)(D) and 603(c)(1)(D) of the Social Security Act does not include all water-related uses, Treasury has made clear in this final rule that investments to infrastructure include a wide variety of projects. Treasury interprets the word “infrastructure” in this context broadly to mean the underlying framework or system for achieving the given public purpose, whether it be provision of drinking water or management of wastewater or stormwater.<sup>307</sup> As discussed below, this can include not just storm drains and culverts for the management of stormwater, for example, but also bioretention basins and rain barrels implemented across a watershed, including on both public and private property, that together reduce the amount of runoff that needs to be managed by traditional infrastructure.

Further, Treasury understands that investments in infrastructure include improvements that increase the capacity of existing infrastructure and extend the useful life of existing infrastructure. Accordingly, water and sewer infrastructure investment projects include those that conserve water, thereby reducing pressure on infrastructure for the provision of drinking water, and that recycle wastewater and stormwater, thereby reducing pressure on the infrastructure for treating and managing wastewater and stormwater.

As with other infrastructure projects and capital expenditure projects that are permitted as responses to the public health emergency and its negative economic impacts, costs for planning and design and associated pre-project costs are eligible uses of SLFRF funds. Costs for the acquisition of land are also eligible, but only if needed for the purposes of locating eligible project components. Recipients should ensure that they have the technical, financial, and managerial capability to ensure compliance with the requirements of the SDWA, or that the assistance will ensure compliance and the owners or operators of the systems will undertake feasible and appropriate changes in operations to ensure compliance over the long-term.

#### [Drinking Water State Revolving Fund and Clean Water State Revolving Fund](#)

**Background:** As stated above, in the interim final rule, Treasury included eligible uses of the DWSRF and the CWSRF as eligible uses of the SLFRF in the water and sewer infrastructure category. By providing that projects eligible under the DWSRF and the CWSRF are also eligible uses of SLFRF funds, the interim final rule permitted 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. With respect to clean water and wastewater infrastructure, the interim final rule provided that recipients may use SLFRF funds to construct publicly owned treatment infrastructure, manage and treat stormwater or subsurface drainage water, and facilitate water reuse, among other uses. Consistent with the DWSRF and the CWSRF, the interim final rule provided that SLFRF 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.

***Use of DWSRF and CWSRF to Support Climate Change Adaptations.*** Many of the types of projects eligible under either the DWSRF or CWSRF 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 CWSRF may reduce energy required to treat drinking water. Similarly, projects eligible under the DWSRF and CWSRF include measures to conserve and reuse water, for example through projects to reuse or recycle wastewater, stormwater, or subsurface drainage water. 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 bioretention basins 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 SLFRF funds for water infrastructure to provide relief, such as interconnecting water systems or rehabilitating existing wells during an extended drought.

**Public Comment:** Many commenters expressed support for the interim final rule's alignment of the use of funds for water and sewer infrastructure under the SLFRF with the project categories provided through the EPA's DWSRF and CWSRF programs.

Many commenters also provided recommendations about the specific types of water infrastructure projects that should be eligible under the final rule. In many of these cases, commenters recommended that Treasury include project types that are already eligible under the DWSRF and CWSRF and thus eligible under the interim final rule and final rule. For example, several commenters requested that aquifer recharge projects, or other groundwater protection and restoration projects, be included as eligible uses of SLFRF when certain aquifer recharge projects that (1) implement a nonpoint source pollution management program<sup>308</sup> or (2) constitute reuse of wastewater, stormwater, or subsurface drainage water are in fact eligible uses under the CWSRF. Furthermore, under the DWSRF, eligible projects include certain aquifer storage and recovery systems for water storage.

**Treasury Response:** Eligible projects articulated in the DWSRF and CWSRF continue to be eligible uses of SLFRF funds under the final rule. Recognizing that recipients have faced challenges interpreting eligible use categories under the interim final rule or crossreferencing EPA program materials to interpret eligible project types, Treasury is including in this Supplementary Information additional information on the types of projects eligible under the

DWSRF and CWSRF. Treasury emphasizes that this further clarification does not represent a change in eligibility. Treasury encourages recipients to reference EPA handbooks for the DWSRF and CWSRF, which provide further information and detail about the types of projects eligible under those programs and thus under the final rule.

#### Eligible projects under the DWSRF.

Eligibilities under the DWSRF, the interim final rule, and the final rule include projects that address present or prevent future violations of health-based drinking water standards. These include projects needed to maintain compliance with existing national primary drinking water regulations for contaminants with acute and chronic health effects. Projects to replace aging infrastructure are also eligible uses if they are needed to maintain compliance or further the public health protection objectives of section 1452 of the SDWA.<sup>309</sup> The following project categories are eligible under the DWSRF, were eligible under the interim final rule, and continue to be eligible under the final rule:

- (i) **Treatment projects**, including installation or upgrade of facilities to improve the quality of drinking water to comply with primary or secondary standards and point of entry or central treatment under section 1401(4)(B)(i)(III) of the SDWA.
- (ii) **Transmission and distribution projects**, including installation or replacement of transmission and distribution pipes to improve water pressure to safe levels or to prevent contamination caused by leaks or breaks in the pipes.
- (iii) **Source projects**, including rehabilitation of wells or development of eligible sources to replace contaminated sources.
- (iv) **Storage projects**, including installation or upgrade of eligible storage facilities, including finished water reservoirs, to prevent microbiological contaminants from entering a public water system.
- (v) **Consolidation projects**, including projects needed to consolidate water supplies where, for example, a supply has become contaminated or a system is unable to maintain compliance for technical, financial, or managerial reasons.
- (vi) **Creation of new systems**, including those that, upon completion, will create a community water system to address existing public health problems with serious risks caused by unsafe drinking water provided by individual wells or surface water sources. Eligible projects are also those that create a new regional community water system by consolidating existing systems that have technical, financial, or managerial difficulties. Projects to address existing public health problems associated with individual wells or surface water sources must be limited in scope to the specific geographic area affected by contamination. Projects that create new regional community water systems by

consolidating existing systems must be limited in scope to the service area of the systems being consolidated.

#### Ineligible projects under the DWSRF.

Federally-owned public water systems and for-profit noncommunity water systems are not eligible to receive DWSRF funds and therefore SLFRF funds.<sup>310</sup> The acquisition of water rights, laboratory fees for routine compliance monitoring, and operation and maintenance expenses are not costs associated with investments in infrastructure and thus would not be eligible under the final rule.<sup>311</sup> Projects needed primarily to serve future population growth are also ineligible under the DWSRF; the treatment of such projects under the final rule is discussed separately below under “Expansion of Drinking Water Service.” Projects eligible under the DWSRF must be sized only to accommodate a reasonable amount of population growth expected to occur over the useful life of the project.

#### Eligible projects under the CWSRF.

The final rule continues to allow the use of SLFRF funds for projects eligible under the CWSRF, consistent with the interim final rule. Under the CWSRF, a project must meet the criteria of one of the following CWSRF eligibilities to be eligible for assistance. Section 603(c) of the Clean Water Act (CWA)<sup>312</sup> provides that the CWSRF can provide assistance:

- (i) to any municipality, intermunicipal, interstate, or state agency for construction of publicly owned treatment works (as defined in section 212 of the CWA);<sup>313</sup>
- (ii) for the implementation of a management program established under section 319 of the CWA;<sup>314</sup>
- (iii) for the development and implementation of a conservation and management plan under section 320 of the CWA;<sup>315</sup>
- (iv) for the construction, repair, or replacement of decentralized wastewater treatment systems that treat municipal wastewater or domestic sewage. Eligible projects include, but are not limited to, the construction of new decentralized systems (e.g., individual onsite systems and cluster systems), as well as the upgrade, repair, or replacement of existing systems.
- (v) for measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water. Publicly and privately owned, permitted and unpermitted projects that manage, reduce, treat, or recapture stormwater or subsurface drainage water are eligible. For example, projects that are specifically required by a Municipal Separate Storm Sewer System (MS4) permit are eligible, regardless of ownership. Projects may include, but are not limited to green roofs, bioretention basins, roadside plantings, porous pavement, and rainwater harvesting.

(vi) to any municipality, intermunicipal, interstate, or state agency for measures to reduce the demand for publicly owned treatment works capacity through water conservation, efficiency, or reuse. Eligible projects include, but are not limited to, the installation, replacement, or upgrade of water meters; plumbing fixture retrofits or replacement; and gray water recycling. Water audits and water conservation plans are also eligible. Equipment to reuse effluent (e.g., gray water, condensate, and wastewater effluent reuse systems) is eligible.

(vii) for the development and implementation of watershed projects meeting the criteria set forth in section 122 of the CWA.<sup>316</sup> Projects that develop or implement a watershed pilot project related to at least one of the six areas identified in section 122 of the CWA are eligible: Watershed management of wet weather discharges, stormwater best management practices, watershed partnerships, integrated water resource planning, municipalitywide stormwater management planning, or increased resilience of treatment works.

(viii) to any municipality, intermunicipal, interstate, or state agency for measures to reduce the energy consumption needs for publicly owned treatment works. Projects may include, but are not limited to, the installation of energy efficient lighting, HVAC, process equipment, and electronic equipment and systems at publicly owned treatment works. Planning activities, such as energy audits and optimization studies are also eligible.

(ix) for reusing or recycling wastewater, stormwater, or subsurface drainage water. Projects involving the reuse or recycling of wastewater, stormwater, or subsurface drainage water are eligible. This includes, as part of a reuse project, the purchase and installation of treatment equipment sufficient to meet reuse standards. Other eligible projects include, but are not limited to, distribution systems to support effluent reuse, including piping the effluent on the property of a private consumer, recharge transmission lines, injection wells, and equipment to reuse effluent (e.g., gray water, condensate, and wastewater effluent reuse systems).

(x) for measures to increase the security of publicly owned treatment works. Security measures for publicly owned treatment works might include, but are not limited to, vulnerability assessments, contingency/emergency response plans, fencing, security cameras/lighting, motion detectors, redundancy (systems and power), secure chemical and fuel storage, laboratory equipment, securing large sanitary sewers, and tamper-proof manholes. The CWSRF cannot fund operations and maintenance activities. Therefore, maintaining a human presence (i.e., security guards) and monitoring activities are not eligible. Other Clarifications of DSWRF and CWSRF Eligible Project Categories

**Public Comment:** Several commenters requested that Treasury provide clarification of the requirements associated with use of SLFRF funds for necessary investments in water and sewer infrastructure.

**Treasury Response:** After release of the interim final rule, Treasury clarified in further guidance that, while recipients must ensure that water and sewer infrastructure projects pursued are eligible under the final rule, recipients are not required to obtain project pre-approval from Treasury or any other federal agency when using SLFRF funds for necessary water and sewer infrastructure projects unless otherwise required by federal law. For projects that are being pursued under the eligibility categories provided through the DWSRF or CWSRF programs, project eligibilities are based on federal project categories and definitions for the programs and not on each state's eligibility or definitions. While reference in the final rule to the DWSRF, CWSRF, or other federal water programs is provided to assist recipients in understanding the types of water and sewer infrastructure projects eligible to be funded with SLFRF, recipients do not need to apply for funding from the applicable state programs or through any federal water program. Similarly, besides eligible project categories, the final rule does not incorporate other program requirements or guidance that attach to the DWSRF, CWSRF, or other federal water programs. However, as noted above, recipients should be aware of other federal or state laws or regulations that may apply to construction projects or water and sewer projects, independent of SLFRF funding conditions, and that may require preapproval from another federal or state agency.

### [Expanded Eligible Uses for Water and Sewer Infrastructure](#)

#### *Summary*

**Public Comment:** Many commenters requested broader flexibility in the use of SLFRF funds for water and sewer infrastructure projects that are not eligible under the DWSRF and CWSRF. These commenters argued that localities are best situated to identify the highest need water and sewer projects in their communities. Several Tribal government commenters noted that Tribes have different water and sewer infrastructure needs than states and localities and that additional flexibility in the use of funds would lift current barriers to improving infrastructure on Tribal lands.

To achieve additional flexibility, commenters suggested a range of options for broadening the eligible use of SLFRF funds for necessary water and sewer infrastructure. For example, several commenters suggested Treasury broaden the eligibilities provided under the interim final rule to include project types eligible under other federal water and sewer programs.

**Treasury Response:** Treasury agrees that additional flexibility for use of SLFRF funds is warranted and is providing expanded eligibilities as described below, several of which address specific areas of need outlined by Tribal and rural communities.

As discussed below, Treasury has incorporated into the final rule projects that are eligible under certain programs established by the EPA under the Water Infrastructure Improvements for the Nation Act (WIIN Act). Other waterrelated grant programs cited by commenters include projects that are otherwise already covered by the final rule, for example because they are covered as eligible under the DWSRF or the CWSRF, or projects that are ineligible under the final rule because they are beyond the scope of the meaning of water and sewer projects for purposes of ARPA. To minimize the need for recipients of SLFRF funds to cross reference eligibilities across multiple federal programs, which may exacerbate current challenges to understanding eligibility under SLFRF, Treasury is providing detailed information related to expanded eligibilities within the text of this SUPPLEMENTARY INFORMATION for the final rule.

### Stormwater Infrastructure

**Public Comment:** Several commenters requested that additional stormwater infrastructure projects be included as eligible uses of SLFRF funds under the final rule. Commenters suggested that culvert repair and resizing and replacement of storm sewers is necessary to address increased rainfall brought about by a changing climate. Other commenters noted that rural communities that do not manage their own sewer systems may rely on this type of water infrastructure.

**Treasury Response:** The CWSRF includes a broad range of stormwater infrastructure projects, and as such these projects were eligible under the interim final rule and continue to be eligible under the final rule. These projects include gray infrastructure projects, such as traditional pipe, storage, and treatment systems. Projects that manage, reduce, treat, or recapture stormwater or subsurface drainage water are also eligible, including real-time control systems for combined sewer overflow management, and sediment control. Culvert infrastructure projects are eligible under the CWSRF if they (1) implement a nonpoint source management plan, (2) implement National Estuary Program Comprehensive Conservation and Management Plan, or (3) implement a stormwater management plan with the goal of providing a water quality benefit. Stormwater projects under the CWSRF also encompass a number of eligible green infrastructure categories, such as green roofs, green streets, and green walls, rainwater harvesting collection, storage, management, and distribution systems, real-time control systems for harvested rainwater, infiltration basins, constructed wetlands, including surface flow and subsurface flow (e.g., gravel) wetlands, bioretention/bioswales (e.g., bioretention basins, tree boxes), permeable pavement, wetland, riparian, or shoreline creation, protection, and restoration, establishment or restoration of urban tree canopy, and replacement of gray infrastructure with green infrastructure including purchase and demolition costs.

In addition to the eligible uses under the CWSRF, Treasury is expanding the eligible uses under the final rule to include stormwater system infrastructure projects regardless of whether there is an expected water quality benefit from the project. Treasury anticipates that this eligible use will allow recipients to manage increased volumes of stormwater as a result of changes to the climate. For example, the final rule now permits the use of SLFRF funds for the repair,

replacement, or removal of culverts or other road-stream crossing infrastructure to the extent the purpose of the project is to manage stormwater. In addition, Treasury understands that the repair, replacement, or removal of culverts may necessitate the repair or upgrade of roads. As noted in guidance issued after the interim final rule, recipients may use SLFRF funds for road repairs and upgrades that interact directly with an eligible stormwater infrastructure project. All stormwater infrastructure projects undertaken should incorporate updated design features and current best practices.

#### Private Wells and Septic Systems

**Public Comment:** Several commenters requested that the scope of eligible projects be expanded to allow for the expenditure of SLFRF funds on private wells or septic systems. Commenters noted that wells may be contaminated with dangerous substances, including arsenic, lead, radon, and PFAS (per- and polyfluoroalkyl). Commenters also suggested that, because rural and underserved communities are often reliant on these infrastructure types for their drinking water or wastewater needs, lack of appropriate funding to maintain these systems could present health and safety issues that disproportionately affect certain communities.

**Treasury Response:** Consistent with the CWSRF, the installation, repair, or replacement of private septic units continues to be an eligible use of SLFRF funds under the final rule. For example, eligible projects include those that address groundwater contamination resulting from faulty septic units and those that would connect failing septic systems to centralized wastewater treatment. Consistent with the DWSRF, connecting homes served by a private well to a public water system is an eligible use of SLFRF funds.

In addition, Treasury has provided in the final rule that recipients may use SLFRF funds for an expanded set of infrastructure projects that improve access to and provision of safe drinking water for individuals served by residential wells. Eligible projects under this category include rehabilitation of private wells, testing initiatives to identify contaminants in wells, and treatment activities and remediation strategies that address contamination.

#### Remediating Lead in Water

**Public Comment:** Several commenters emphasized the need to fully remediate lead contamination, especially in structures that serve the public or populations like children that are particularly vulnerable to the effects of lead exposure, such as schools and daycares. Many American households and an estimated 400,000 schools and childcare centers currently lack safe drinking water.<sup>317</sup>

**Treasury Response:** The replacement of lead service lines, up to premise plumbing, is an eligible use under the DWSRF and continues to be an eligible use of SLFRF funds. Such projects are eligible regardless of the pipe material of the replacement lines and ownership of the property on which the service line is located. Lead service line replacement projects can serve households, schools, or any other entities. Given the lifelong impacts of lead exposure for

children and the widespread prevalence of lead service lines, Treasury encourages recipients to consider projects to replace lead service lines.

In addition, Treasury is providing in the final rule that for lead service line replacement projects, recipients must replace the full length of the service line, and not just a partial portion of the service line. Some water utilities, when replacing service lines, will only replace the “public portion” of the service line and physically slice through the lead service line at the public/private line. This action can result in elevated drinking water lead levels for some period of time after replacement, suggesting the potential for harm, rather than benefit during that time period.<sup>318</sup> Requiring replacement of the full length of the service line is also consistent with the requirements of the EPA’s Lead and Copper Rule Revisions for water systems that have an action level exceedance for lead<sup>319</sup> and certain other water systems.<sup>320</sup>

Treasury is expanding eligible uses of SLFRF funds to include infrastructure projects eligible under EPA grant programs authorized by the WIIN Act.<sup>321</sup> Eligible projects under these programs include the installation or reoptimization of corrosion control treatment, replacing lead service lines, replacing galvanized pipes downstream of a lead service line (other than lead pipes within a home as discussed below), and maintaining an inventory of the drinking water system’s service lines. Water quality testing, compliance monitoring, and remediation activities in schools and other childcare facilities, as well as activities necessary to respond to a contaminant, are eligible uses of SLFRF funds.<sup>322</sup> Remediation activities such as replacement of faucets, internal plumbing, and fixtures in schools and childcare facilities are also an eligible use of SLFRF funds.

Consistent with the EPA programs, replacement of lead pipes within a home is not eligible under the final rule because the vast majority of lead contamination cases can be solved by replacing lead service lines (including on public and private property) and faucets and fixtures themselves. As such, replacement of lead pipes within a home would not be considered a cost-effective means for achieving the desired level of service and thus would not be a “necessary” investment. The provision of bottled water is also not an eligible use of SLFRF funds under this eligible use category, as it is not an investment in infrastructure. However, bottled water in areas with an action level exceedance for lead in water may be an eligible use of SLFRF funds under a separate eligible use category for “remediation of lead paint and other lead hazards;” see Assistance to Households in Public Health and Negative Economic Impacts.

Water filtration systems are eligible under the EPA grant programs and the final rule as long as they are installed as a permanent part of a facility’s system and not intended for temporary use. Conducting remediation, follow-up monitoring, and conducting public education and outreach about the availability of infrastructure programs, such as water testing and fixture replacement programs funded with SLFRF funds or otherwise, are also eligible projects. Finally, recipients should note that “remediation of lead paint and other lead hazards” is a separate eligible use category and a broader range of programs and services may be eligible under that section, including investments that are not infrastructure; see the eligible use for “remediation



of lead paint and other lead hazards” in section Assistance to Households in Public Health and Negative Economic Impacts.

### Dams and Reservoirs

**Public Comment:** Many commenters requested that Treasury broaden eligibilities to include dams and reservoirs, infrastructure that commenters noted may in its current state be unsafe and could put surrounding communities at risk. Some commenters argued that dams and reservoirs play an important role in providing municipal water supply and water to irrigate farmland, including in areas impacted by recent droughts. Other commenters noted that a large number of dams are currently classified as high-hazard structures, the failure of which would have severe consequences for public safety and the local environment. With respect to reservoirs, commenters articulated that changing climate conditions have necessitated upgrades to reservoir infrastructure to ensure existing facilities can meet the local water needs of a community. Commenters noted that communities facing drought may also need to adjust or enhance reservoirs to maintain adequate water supply.

In contrast, several commenters suggested that infrastructure projects related to dams and reservoirs should not be considered eligible uses of SLFRF funds. These commenters noted that alternate sources of funding exist for dam and reservoir projects and that dams and reservoir infrastructure could result in negative impacts to Tribal communities and negative environmental impacts, including harm to wildlife habitats.

**Treasury Response:** Treasury understands that many dams and reservoirs in need of rehabilitation are dams and reservoirs whose primary purpose is to provide drinking water. As discussed above, SLFRF funds are available for projects related to the provision of drinking water. Moreover, since issuance of the interim final rule, the EPA has adopted a class deviation from the DWSRF regulations that permits such dam and reservoir rehabilitation projects in certain circumstances.<sup>323</sup> In approving this class deviation, the EPA recognized that many dams used for drinking water are aging and deteriorating and pose a public health risk to communities; that current dam conditions do not meet state safety standards; and that reservoir capacity has diminished and requires dredging to meet drinking water needs of the existing population.

Treasury’s final rule provides that funds may be used for rehabilitation of dams and reservoirs if the primary purpose of the dam or reservoir is for drinking water supply and the rehabilitation project is necessary for continued provision of drinking water supply. In considering whether a dam or reservoir project is necessary for the provision of drinking water supply, a recipient may take into consideration future population growth in certain circumstances, as discussed under “Expansion of Drinking Water Service Infrastructure” below, but the project must in any case be designed to support no more than a reasonable level of projected increased need. The recipient must also determine that the project is cost-effective, i.e., that there are not

significantly superior alternatives that are available, taking into consideration the relative costs and benefits of the project as compared to those alternatives.

This change to the final rule would permit a wide variety of projects.<sup>324</sup> The limitation in the final rule to rehabilitation of existing dams and reservoirs reflects the scope of the EPA class deviation referenced above and Treasury's understanding of the significant need for investments in rehabilitation to address deterioration of dams and the diminished capacity of reservoirs. Further, Treasury expects that in many cases it would be considerably more difficult to demonstrate that construction of a new dam or reservoir would be necessary for the purpose of the provision of drinking water than is the case for rehabilitation of dams and reservoirs already serving that purpose for a particular population, particularly given opportunities to meet drinking water needs through water reuse and conservation efforts. For these reasons, and given that the relatively short period of availability of the funds makes new dam and reservoir construction with these funds less likely, Treasury has limited the scope of the final rule to dam and reservoir rehabilitation projects.

As discussed above, Treasury has determined that ARPA does not authorize the use of SLFRF funds for uses other than the provision of drinking water and the management of wastewater and storm water. As such, the final rule does not include infrastructure projects related to dams and reservoirs as eligible uses of SLFRF funds unless they meet the conditions discussed above.

**Public Comment:** Several commenters requested that the removal of dams and associated habitat restoration should be eligible uses of SLFRF funds, noting that in some cases, dam removal will improve water quality while removing long-term operational expenses for the recipient.

**Treasury Response:** Dam removal projects and associated stream and habitat restoration projects are eligible uses of the CWSRF and continue to be eligible under the final rule when the removal implements either a nonpoint source management program plan or a National Estuary Program Comprehensive Conservation and Management Plan or when the removal will provide a water quality benefit. Habitat restoration projects more generally may also be eligible under the CWSRF and the final rule if they constitute a form of stormwater infrastructure.

#### [Expansion of Drinking Water Service Infrastructure](#)

**Public Comment:** Commenters asked for the ability to use funds for drinking water projects for the purpose of meeting needs arising from future growth, which, given the restrictions applicable to the DWSRF, was not permitted under the interim final rule.

**Treasury Response:** As provided for in the SDWA, the DWSRF is meant to serve the public health needs of the existing population. The EPA regulation implementing the DWSRF program provides that projects needed primarily to serve future population growth are not eligible uses of the DWSRF. A project that is intended primarily to address public health or regulatory

compliance issues for the existing service population may be sized for a “reasonable” amount of population growth over the useful life of the project.<sup>325</sup>

ARPA does not include the same limitation as the SDWA. Accordingly, the final rule provides that recipients may use SLFRF funds for projects that are needed to support increased population in certain cases. ARPA limits projects to those investments that are “necessary.” As discussed above, Treasury interprets this to mean that the investments must be (1) responsive to an identified need to achieve or maintain an adequate minimum level of service, which for some eligible project categories may include a reasonable projection of increased need, whether due to population growth or otherwise and (2) a cost-effective means for meeting that need, taking into account available alternatives. For this eligible use category, expansion of drinking water service infrastructure, the project must also be projected to be sustainable over its estimated useful life.

Investments must be determined to be necessary when they are initiated. Accordingly, Treasury is clarifying in the final rule that the need identified for a water or sewer project may include a need arising from reasonable expectations of future population growth, provided that it is necessary at the time the investment is initiated for the recipient to make the investment to meet this growth. For example, a recipient expecting increased population during the period of performance may install a drinking water treatment plant to meet that growth. In addition, a recipient expecting increased population growth outside the period of performance may install the treatment plant if the planning and construction timeline for the project would require work to begin during the performance period in order to meet the expected population growth. A recipient may install transmission lines as part of the development of new housing occurring during the period of performance. In this case, the housing development must be in progress; a recipient may not use the SLFRF funds to install a water main, for example, to an undeveloped tract in the expectation that in the future that tract will be developed with housing, because there would be no need for that investment to be made at the time it is initiated.

For the reasons discussed above, if a project is undertaken to address expected growth in population, the project must also be sustainable, meaning that the project can continue providing the adequate minimum level of service for its estimated useful life, taking into account projected impacts of changes to the climate and other expected demands on the source of water. In considering how much of a source of water will be available in the future for the drinking water project, a recipient must consider that a source of water may be drawn upon or otherwise used for other current and expected uses, including use by fish and other wildlife. A drinking water project that is designed to address a growing population cannot be considered a necessary investment if the source of drinking water will cease to be available to meet the population’s needs before the end of the estimated useful life of the project. In such a case, a recipient should consider alternative sources for drinking water. See “Interpretation of Necessary Investments and Water and Sewer Infrastructure” above for more information.

### Non-Federal Matching Requirements for Authorized Bureau of Reclamation Projects

The Infrastructure Investment and Jobs Act amends sections 602(c) and 603(c) of the Social Security Act to add an additional eligible use of SLFRF funds, providing that SLFRF funds “may be used for purposes of satisfying any non-Federal matching requirement required for [an authorized Bureau of Reclamation project].”<sup>326</sup>

This amendment permits the use of SLFRF funds to meet non-federal matching requirements of any authorized Bureau of Reclamation project, regardless of whether the underlying project would be an eligible use of SLFRF funds under the water and sewer infrastructure eligible use category. These amendments are effective as of March 11, 2021, as if included in the ARPA at the time of its enactment.<sup>327</sup> Treasury will provide further guidance to recipients on the scope of Bureau of Reclamation water projects and expenses covered by this provision.

### Floodplain Management and Flood Mitigation Projects

**Public Comment:** Several commenters requested that projects to address floodwater, including floodplain management and flood mitigation projects, be included as an eligible use of SLFRF funds. Within this category of floodplain management and flood mitigation infrastructure, several commenters requested that the installation of levees, flood walls, sea walls, elevation projects, dredging, or nature-based flood mitigation projects be included as eligible projects.

**Treasury Response:** Treasury notes that some floodplain management and flood mitigation infrastructure projects, including green infrastructure designed to protect treatment works from flood waters and flood impact are currently eligible under the CWSRF and therefore continue to be eligible under the final rule.

Treasury has not included floodplain management and flood mitigation projects more generally as eligible under the final rule. Although floodplain management and flood mitigation are functions of many state and local governments, they are not the sort of generally-provided essential services included within the meaning of water and sewer projects under the ARPA, as discussed above.

### Irrigation

**Public Comment:** Some commenters requested that irrigation projects be an eligible use because they consider such projects to be critical infrastructure. Several commenters supported this request by noting that irrigation systems may be used to replenish aquifers and recharge wells, in addition to delivering water for irrigation. One commenter also noted that the national irrigation system is antiquated and in need of repair.

**Treasury Response:** Some irrigation projects were eligible under the interim final rule and continue to be eligible under the final rule as a result of their inclusion as eligible projects under the CWSRF. For example, water efficient irrigation equipment that reduces the runoff of nutrients and implements a management program established under section 319 of the CWA

and/or a conservation and management plan under section 320 of the CWA are eligible uses under the CWSRF and therefore continue to be an eligible use of SLFRF funds under the final rule. Likewise, projects to receive and distribute reclaimed water for irrigation systems or other agricultural use are eligible under the CWSRF and therefore continue to be an eligible use under the final rule. Unlike projects for the improvement of irrigation systems generally, these reclaimed water projects are related to wastewater treatment and stormwater management, which are within the scope of the meaning of water and sewer infrastructure for purposes of ARPA.

Treasury considered commenter requests for inclusion of additional irrigation infrastructure and determined that irrigation projects more generally are not permitted under the final rule. Although these types of projects may be water-related infrastructure, they are not the sort of generally-provided essential services included within the meaning of water and sewer projects under ARPA, as discussed above.

#### [Consumer Incentive Programs](#)

**Public Comment:** One commenter requested that consumer incentive programs in the areas of water use efficiency, conservation, green infrastructure, reuse, and other distributed solutions be an allowable use of SLFRF.

**Treasury Response:** The DWSRF and CWSRF eligibilities include the development and implementation of incentive and educational programs that address and promote water conservation, source water protection, and efficiency related to infrastructure improvements, e.g., incentives such as rebates to install green infrastructure such as rain barrels or promote other water conservation activities. Treasury clarifies that such project types were eligible under the interim final rule and continue to be eligible under the final rule.

## Overview of Final Rule

#### [Overview of Final Rule Pg. 37](#)

The Coronavirus State and Local Fiscal Recovery Funds may be used to make necessary investments in water and sewer infrastructure. State, local, and Tribal governments have a tremendous need to address the consequences of deferred maintenance in drinking water systems and removal, management, and treatment of sewage and stormwater, along with additional resiliency measures needed to adapt to climate change.

Recipients may undertake the eligible projects below:

#### [PROJECTS ELIGIBLE UNDER EPA'S CLEAN WATER STATE REVOLVING FUND \(CWSRF\)](#)

Eligible projects under the CWSRF, and the final rule, include:

✓ Construction of publicly owned treatment works

- ✓ Projects pursuant to implementation of a nonpoint source pollution management program established under the Clean Water Act (CWA)
- ✓ Decentralized wastewater treatment systems that treat municipal wastewater or domestic sewage
- ✓ Management and treatment of stormwater or subsurface drainage water
- ✓ Water conservation, efficiency, or reuse measures
- ✓ Development and implementation of a conservation and management plan under the CWA
- ✓ Watershed projects meeting the criteria set forth in the CWA
- ✓ Energy consumption reduction for publicly owned treatment works
- ✓ Reuse or recycling of wastewater, stormwater, or subsurface drainage water
- ✓ Security of publicly owned treatment works

Treasury encourages recipients to review the EPA handbook for the CWSRF for a full list of eligibilities.

#### [PROJECTS ELIGIBLE UNDER EPA'S DRINKING WATER STATE REVOLVING FUND \(DWSRF\)](#)

Eligible drinking water projects under the DWSRF, and the final rule, include:

- ✓ Facilities to improve drinking water quality
- ✓ Transmission and distribution, including improvements of water pressure or prevention of contamination in infrastructure and lead service line replacements
- ✓ New sources to replace contaminated drinking water or increase drought resilience, including aquifer storage and recovery system for water storage
- ✓ Green infrastructure, including green roofs, rainwater harvesting collection, permeable pavement
- ✓ Storage of drinking water, such as to prevent contaminants or equalize water demands
- ✓ Purchase of water systems and interconnection of systems
- ✓ New community water systems

Treasury encourages recipients to review the EPA handbook for the DWSRF for a full list of eligibilities.

## ADDITIONAL ELIGIBLE PROJECTS

With broadened eligibility under the final rule, SLFRF funds may be used to fund additional types of projects— such as additional stormwater infrastructure, residential wells, lead remediation, and certain rehabilitations of dams and reservoirs — beyond the CWSRF and DWSRF, if they are found to be “necessary” according to the definition provided in the final rule and outlined below.

- ✓ Culvert repair, resizing, and removal, replacement of storm sewers, and additional types of stormwater infrastructure
- ✓ Infrastructure to improve access to safe drinking water for individual served by residential wells, including testing initiatives, and treatment/remediation strategies that address contamination
- ✓ Dam and reservoir rehabilitation if primary purpose of dam or reservoir is for drinking water supply and project is necessary for provision of drinking water
- ✓ Broad set of lead remediation projects eligible under EPA grant programs authorized by the Water Infrastructure Improvements for the Nation (WIIN) Act, such as lead testing, installation of corrosion control treatment, lead service line replacement, as well as water quality testing, compliance monitoring, and remediation activities, including replacement of internal plumbing and faucets and fixtures in schools and childcare facilities

A “necessary” investment in infrastructure must be:

- (1) responsive to an identified need to achieve or maintain an adequate minimum level of service, which may include a reasonable projection of increased need, whether due to population growth or otherwise,
- (2) a cost-effective means for meeting that need, taking into account available alternatives, and
- (3) for investments in infrastructure that supply drinking water in order to meet projected population growth, projected to be sustainable over its estimated useful life.

Please note that DWSRF and CWSRF-eligible projects are generally presumed to be necessary investments. Additional eligible projects generally must be responsive to an identified need to achieve or maintain an adequate minimum level of service. Recipients are only required to assess costeffectiveness of projects for the creation of new drinking water systems, dam and reservoir rehabilitation projects, or projects for the extension of drinking water service to meet population growth needs. Recipients should review the supplementary information to the final rule for more details on requirements applicable to each type of investment.

## APPLICABLE STANDARDS & REQUIREMENTS

Treasury encourages recipients to adhere to 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. Treasury also encourages recipients to prioritize in their procurements employers with high labor standards and to prioritize employers without recent violations of federal and state labor and employment laws.