

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 re-optimization 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

<sup>318</sup> See EPA Science Advisory Board, Evaluation of the Effectiveness of Partial Lead Service Line Replacements, (September 2011), <https://www.epa.gov/sdwa/science-advisory-board-evaluation-effectiveness-partial-lead-service-line-replacements> (advising against partial lead service line replacement).

<sup>319</sup> Environmental Protection Agency, *supra* note 188.

<sup>320</sup> Environmental Protection Agency, National Primary Drinking Water Regulations: Lead and Copper Rule Revisions, 86 FR 4198, 40 CFR 141.84, and preamble at 4215, January 15, 2021, <https://www.federalregister.gov/d/2020-28691>; scheduled to become effective December 16, 2021, Environmental Protection Agency, 86 FR 31939, <https://www.federalregister.gov/d/2021-12600>.

<sup>321</sup> Eligible uses of funds include those eligible under the Small, Underserved, and Disadvantaged Communities Grant (Section 2104), Reduction in Lead Exposure via Drinking Water Grant Program (Section 2105) and Lead Testing in School and Child Care Program Drinking Water Grant Program (Section 2107).

<sup>322</sup> Such testing and remediation programs would be an eligible use of SLFRF funds given that they

<sup>317</sup> The White House, Updated Fact Sheet: Bipartisan Infrastructure Investment and Jobs Act (August 2, 2021), <https://www.whitehouse.gov/briefing-room/statements-releases/2021/08/02/updated-fact-sheet-bipartisan-infrastructure-investment-and-jobs-act/>.

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

would help a recipient determine whether an infrastructure project, such as a lead line replacement, is necessary. In contrast, as mentioned above, the costs of continual testing that is part of a drinking water or wastewater facilities’ operating costs would not be considered part of an infrastructure project.

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.

<sup>324</sup> As noted in the EPA’s class deviation, examples of dam rehabilitation projects include spillway reconstruction or repair; dam resurfacing, patching, or other structural repairs, including minimal height increases if needed to maintain the structural integrity of the dam; grouting for seepage control or liquefaction remediation (*e.g.*, epoxy resin, asphalt, or rock); repair or replacement of drainage systems; and seismic stability efforts (*e.g.*, anchors). Examples of reservoir rehabilitation projects include sedimentation dredging and reservoir lining.

<sup>323</sup> See EPA, Approval of Class Exception from the Regulatory Prohibitions on the Use of Drinking Water State Revolving Fund for Rehabilitation of Dams and Reservoirs (July 14, 2021), available at [https://www.epa.gov/system/files/documents/2021-07/dwsrf-class-deviation-dam-reservoir-rehab-2021\\_0.pdf](https://www.epa.gov/system/files/documents/2021-07/dwsrf-class-deviation-dam-reservoir-rehab-2021_0.pdf).