



Pinellas County Local Mitigation Strategy (LMS) Working Group
Intent to Apply: Hazard Mitigation Grant Program (HMGP) Application for [Hurricane Helene \(DR-4828\)](#)

Applicant Name	Project Name*	LMS Goal Project Addresses	LMS Objective Project Addresses	Estimated Total Project Cost	HMGP Funds Requested**	Is 25% Match Currently Funded?	Is project currently listed in the LMS?
Pinellas County Utilities	Hardening and Improvements of Logan Laboratories Building	Minimize Storm Wind Losses in the County	Structural Projects	\$4,300,000	\$3,225,000	Yes	No

Project Description (Include how the project will address the Goal and Objective identified above.)

This project is a strategic resilience initiative by Pinellas County Utilities to modernize and harden its Water Quality laboratory infrastructure. The upgrades will enhance the resilience, safety, and functionality of the facility in accordance with applicable building codes and engineering standards. This will be achieved by replacing the roof, removing and replacing all windows, doors, and fenestrations with hurricane-rated assemblies, hardening exterior walls, removing and replacing existing glass block curtain walls with impact-resistant systems, and adding new structural supports to accommodate a new chiller tower installation. Operated by the County's Water Quality Division, the Logan Lab is a full-service, NELAP-accredited facility that performs over 50,000 tests annually, analyzing drinking water, wastewater, surface water, groundwater, and biosolids. This critical testing ensures that all water and wastewater treatment facilities in the county meet or exceed state and federal standards, safeguarding public health and environmental quality. The primary objective of the project is to upgrade the existing building structure to meet wind resistance standards consistent with a Category 3 hurricane, in line with the Saffir-Simpson Hurricane Wind Scale, thereby increasing the resilience of the utility system and the residents it serves. Key improvements include: Complete removal of the existing roofing system and the installation of new Category 3 hurricane-rated roofing system, including insulation, waterproofing, and anchoring systems as per code; Removal of all existing windows, doors, and associated framing and install new hurricane-impact rated assemblies compliant with current wind-load and impact standards; Reinforcement of exterior walls with hurricane-resistant materials and techniques (e.g., concrete cladding, structural bracing, or CMU enhancements), including the sealing and waterproofing to ensure resistance against wind-driven rain. These enhancements will significantly increase the facility's resilience, safety, and functionality in accordance with current building codes and engineering best practices. By fortifying the lab against severe weather and ensuring continuity of operations, the project will provide a safe, secure space for county staff and first responders, as well as maintain essential testing capabilities during and after emergencies. This is crucial for supporting emergency response, protecting the community's drinking water supply, and ensuring the environmental integrity of wastewater treatment processes. In doing so, the project strengthens community resilience and reduces the long-term impacts of hazards on vital public health infrastructure.

***If the project is already listed in the LMS, please use the same project name as what is shown in Table D-1 Mitigation Initiatives.**

Please fill out a scoring sheet for each project even if the project is already listed in the Table D-1.

****Note that applicants can only request a maximum of 75% of the total project cost unless seeking a Global Match (Global Match process is explained in the Notice of Funding Availability - Page 4).**