

ACOUSTICAL TESTING PILOT PROGRAM



Overview

- Tens of billions of gallons of water and tens of millions of kilowatt-hours of energy are wasted annually due to leaking water infrastructure in New Jersey.
- Some water utilities in New Jersey and elsewhere have successfully employed advanced acoustic leak detection technology to more efficiently and effectively locate water leaks in order to realize significant water, energy, and cost savings^{1,2,3}.
- The Acoustical Testing Pilot Program is a \$1.5 million competitive grant program that provides awards up to \$500,000 for water utilities to purchase or lease advanced acoustical monitoring technology which provides permanent leak detection to help mitigate water and energy losses.

Eligibility and Evaluation Criteria

- All New Jersey water utilities are eligible to apply.
- The water system to be addressed must have greater than 15% Unaccounted for Water (UAW) or Non-Revenue Water (NRW) on a system-wide basis.
- Preference for projects that benefit overburdened communities and for applicants who have not previously utilized the technology.

Timeline

- Application Deadline: **May 15, 2021**
- Awards: Anticipated in early Fiscal Year 22
- Pilot Duration: 18 months from the initial award disbursement

For more information:

Visit the program website at: www.NJCleanEnergy.com/acoustic

New Jersey's Clean Energy Program™ is brought to you by the New Jersey Board of Public Utilities.

¹ New Jersey American Water: <https://www.amwater.com/njaw/about-us/environmental-stewardship/water-loss-management>

² San Jose Water: <https://www.sjwater.com/acoustic-leak-detection>

³ Providence Water: https://www.itron.com/-/media/feature/products/documents/case-study/providence-case-study_101263cs01.pdf

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