

MUNICIPAL LEAK ABATEMENT

Every Drop Counts. How Much Are Water Leaks Costing You?

Diminishes costly emergency repairs



Cuts down customer service disruptions



Reduces waste and operating cost



Lessens erosion, flooding, and sinkhole risks



Advances energy saving goals



Water distribution system leaks waste large amounts of water, energy, and money over time. The Bonneville Power Administration's **Energy Smart Industrial (ESI) program** and many of its participating utilities offer incentives to help offset leak detection and repair costs before they add up.

What type of leaks are eligible?

Only subsurface leaks discovered through a leak detection survey qualify for incentives. Existing, major, visible leaks—such as large water-main ruptures and/or emergency repairs—are considered “required” maintenance; therefore, they do not qualify.

How do I apply?

Submit the following documents needed to estimate your leak rates and energy savings, and once the project is completed, reviewed, and approved, the serving utility will deliver an incentive check.

- ✓ A copy of leak survey results
- ✓ A size estimate and description of all repaired leaks, with a photo of the damaged piping
- ✓ Electric use and flow data from the pump station serving the distribution piping where the leaks were identified
- ✓ And eligible cost records, which may include invoices for the leak survey, leak repair, material costs, and permitting fees
(If not itemized on the invoice, include the labor hours and costs per repair.)

Available Incentives

Project incentives are based on the lesser of

\$0.33
per kWh

or

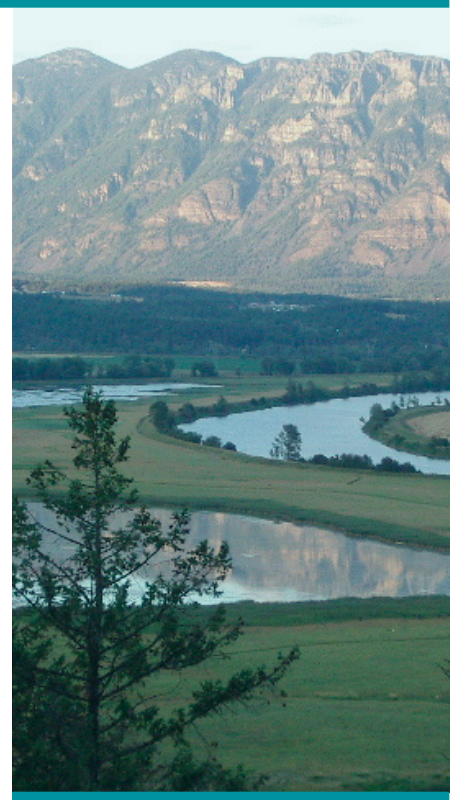
up to
70%
of project cost*

*Subject to utility caps. Your ESIP will estimate energy savings with **BPA's Leak Abatement Calculator**, which employs AWWA's methodology for estimating the rate of water loss from pipe leaks.

CASE STUDY

Spirit Bend Water District | Kootenai, Idaho

During an acoustic leak detection survey, Spirit Bend Water District identified three relatively small leaks with a total flow of 20.7 GPM—or **10,880,000 gallons of wasted water annually**. Utility incentives covered 70% of the cost to repair the leaks, which resulted in more than **\$4,800 in annual electric savings**.



PROJECT COST	\$1,720	-	\$1,205*	=	\$515
	Labor & Materials		Utility Incentive		Remaining Cost

“The ESI folks bent over backwards to help us...I would absolutely recommend the ESI program to other water bureaus and homeowner associations.”

Bruce Alexander | President | Spirit Bend Water Association

*Incentives vary by utility.



Get your leak project started today!

Contact your local electric utility, or your Energy Smart Industrial Partner.




**Energy Smart
Industrial**



Energy Smart Industrial is sponsored by Bonneville Power Administration and its Northwest Utilities.