

Leak Locating

As a water purveyor, you know the problems and money loss that comes along with a leaking pipeline. Our professionals have an understanding of the business few companies can match. As a leader in the industry, we are at the heart of today's demand for inexpensive, cost-effective solutions for waterline leak detection and audits.

We have a reputation for using the latest technology including everything from ground microphones to correlating systems. Our expanded and revamped surveying equipment is designed to save our clients millions of dollars. We are focusing on two essential procedures, Comprehensive Water System Audit and Emergency Leak Locating.

An audit is started with a basic customer overview of the pipeline system, using our simple to use, high-tech leak detecting equipment (Uni-Log page P-8). Then as the problem areas are determined in the system a qualified EJP technician will pinpoint the leaks. The program is designed to simplify this normally tedious and expensive process.

Emergency locating involves accurate pinpointing of leaks from hundreds of feet away, minimizing time and excavation. Our correlating equipment (ZCorr page P-7) is the best of its kind, when used by our highly skilled technicians who have decades of experience in water utility operations.

Benefits:

- Reduce unaccounted-for water.
- Reduce lost revenue.
- Conserve precious water supplies.
- Reduce pumping and treatment costs.
- Locate leaks in new lines minimizing excavation costs.

NOTICE: According to the American Water Works Association, 10 gallons of water per person per day is lost in the average system through leaks or breaks in underground pipes, valves and hydrants. In many cases this tremendous volume of water is being treated and pumped. When it leaks out you lose more than water, you lose money!

How can you afford to let these leaks continue? Call your local Team EJP sales office to set up a few days of leak locating now! The savings from eliminating lost water will more than pay for the service.

IMPORTANT: Knowing the answers to the following questions will assist us in being more efficient in finding your leak:

- Is the leak greater than 2 gpm?
- Do you know where the line is?
- Do you know the depth of the line?
- Do you know the pressure of the line?



Water costs money...don't waste it!

A dripping faucet or fixture can waste 3 gallons a day...a total of 1095 gallons a year.

Conserve Water and Save Money!

This is a reminder from your local water utility and Sensus Technology, a leader in flow measurement equipment and systems.

EXCESSIVE LEAKAGE COST SYSTEMS AVERAGE DAY PRODUCTION (MGD)					
% LOSS	MILLION GALLONS PER DAY				
	0.5	1.0	2.0	4.0	5.0
5	\$4,600	\$9,200	\$18,400	\$36,800	\$46,000
10	9,200	18,400	36,800	73,600	92,000
15	13,800	27,600	55,200	110,400	138,000
20	18,400	36,800	73,600	147,200	184,000
25	22,800	45,600	91,200	182,400	228,000

ANNUAL DOLLAR (\$) LOSS – BASED ON PRODUCTION COSTS OF \$0.50 PER 1000 GALLONS

Waste Per Quarter @ 60 PSI Water Pressure			
Diameter of Stream	Gallons	Cubic Feet	Cubic Meters
● — 1/4"	1,181,500	158,000	4,475
● — 3/16"	666,000	89,031	2,521
● — 1/8"	296,000	39,400	1,115
● — 1/16"	74,000	9,850	280

↑ A continuous leak from a hole this size would, over a three month period, waste water in the amounts shown above.