PIPING: SINGLE-WALLED SYSTEMS

Today, most underground storage systems in Maine use double-walled piping to carry fuel from the tank to the dispenser. However, some older pressurized piping systems installed before September of 1991 still use single-walled piping, as do most suction pumping systems. Given that most UST-system releases today stem from the pressurized piping, double-walled pressurized piping provides a safety net to keep fuel out of the environment. With single-walled pressurized piping, you are walking a tightrope without a net—any leaks go straight into the ground. If you have single-walled pressurized piping, it is particularly crucial that you follow leak detection and monitoring requirements attentively.

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What you need to do depends on the type of pumping system you have. If you have a suction pump, you should refer to the *TankSmart* Piping: Suction Pumping Systems module. If you have a pressurized piping system, refer to the *TankSmart* Piping: Pressurized Pumping Systems and the Daily Inventory and Statistical Inventory Analysis modules.

NOTE: Single-walled piping systems are made of either galvanized steel (old technology, subject to corrosion and leaky joints) or fiberglass-reinforced plastics (FRP). If you have steel single-walled piping, it must be cathodically protected to prevent corrosion. (See the *TankSmart* Cathodic Protection for Tanks & Piping module.)

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Report evidence of a possible leak to the DEP's Tanks Unit

207-287-2651

or call the 24-hour Spill Hotline

1-800-482-0777

Single-walled piping systems are buried directly in the ground. Even very small leaks are released directly into the environment where they can cause significant contamination. If you have single-walled piping, you must carry out your leak detection responsibilities very conscientiously.