

A man sprays commercial weed killer containing an arsenic compound on his lawn using a hose attachment. After he finishes, he disconnects the application. It is a hot day so he takes a refreshing drink of water from the hose. A short time later he dies from arsenic poisoning.

What happened?

At some time while the man was spraying weed killer, water pressure dropped, which resulted in the poison being sucked back into the hose. Later, when he drank from the hose, the poison inside was released with the water. He unknowingly poisoned himself.

CAUTION!

YOUR HOSE MAY BE
HAZARDOUS TO YOUR
HEALTH

The City of Port Alberni is responsible to ensure that the water delivered to the property is potable (safe for drinking). But who is responsible for preventing backflow from private property into the water system? The answer is - all of us!

If you have any questions about backflow or the backflow prevention devices, contact the City Plumbing Inspector.

FOR MORE INFORMATION
ON THE CITY'S WATER SYSTEM
PLEASE CALL US



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CITY OF
PORT ALBERNI

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When water flows backward through the water supply system, it is called backsiphonage or backflow. When that water is accidentally mixed with hazardous chemicals or bacteria, it is called dangerous!

The danger comes when the hose - any hose - is connected to a harmful substance. If the pressure in a water main drops while your hose is submerged in polluted or contaminated water, then the water (and whatever is in it) could be sucked back into your pipes and your drinking water supply. Water pressure drops are not uncommon. They can happen when firefighters battle a nearby blaze or before a city crew repairs a broken water main.

Some harmful substances you should beware of are the chemicals used to fertilize your grass or the weed killer used on your lawn. The cleanser used on your kitchen sink could be hazardous if swallowed, as could the bacteria in the water from your wading pool or waterbed.

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*Fortunately, keeping your water safe from these contaminants is easy:
Take the following precautions to protect your drinking water:*



Never

submerge hoses in buckets, pools, tubs or sinks.



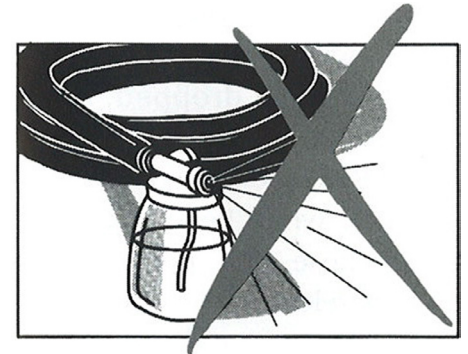
Always

keep the end of the hose clear of possible contaminants.



Do not

use spray attachments without a backflow prevention device. The chemicals used on your lawn are toxic and can be fatal if ingested.



Do

buy & install inexpensive backflow prevention devices for all threaded faucets around your home. They are available at hardware stores and home improvement centres.