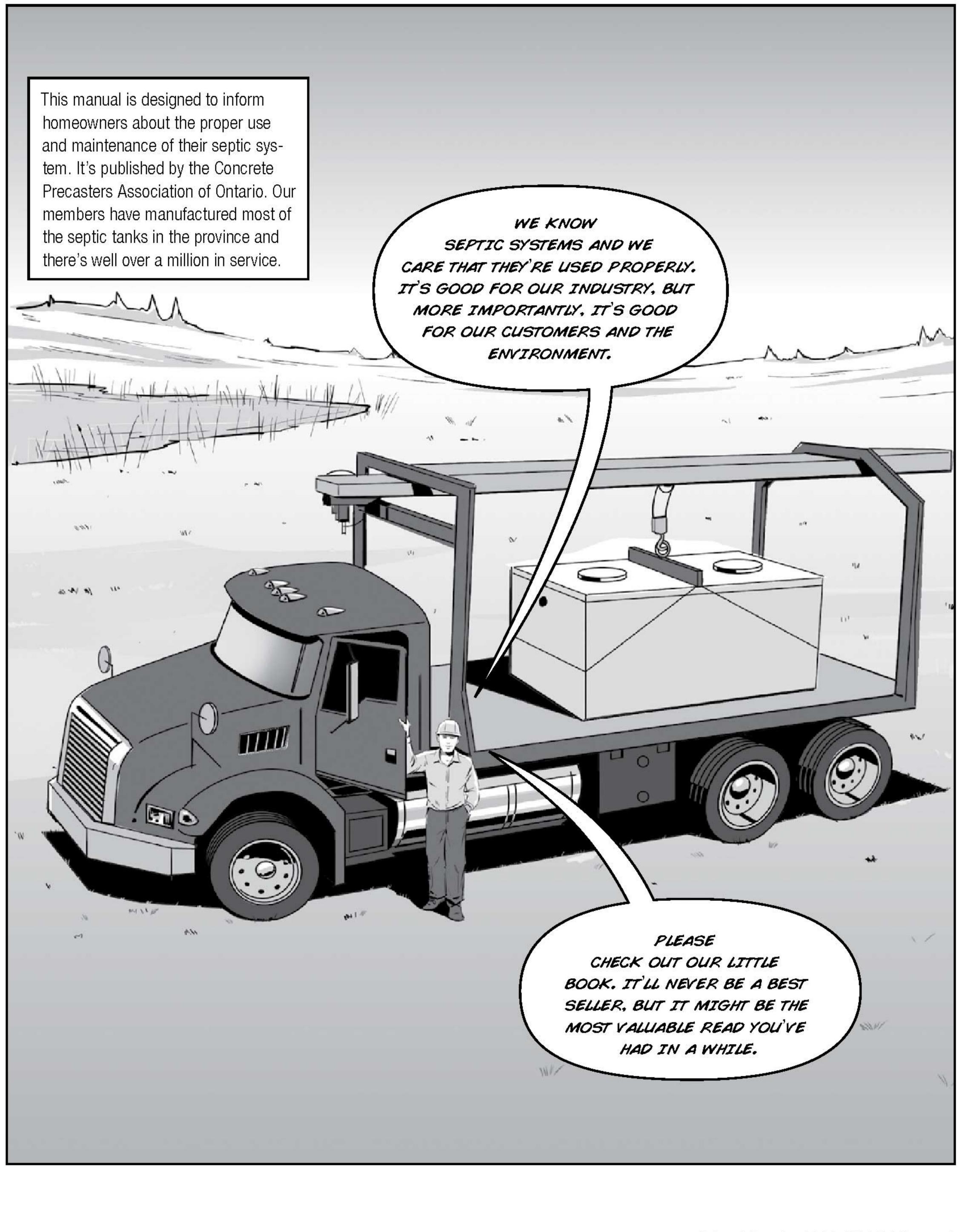
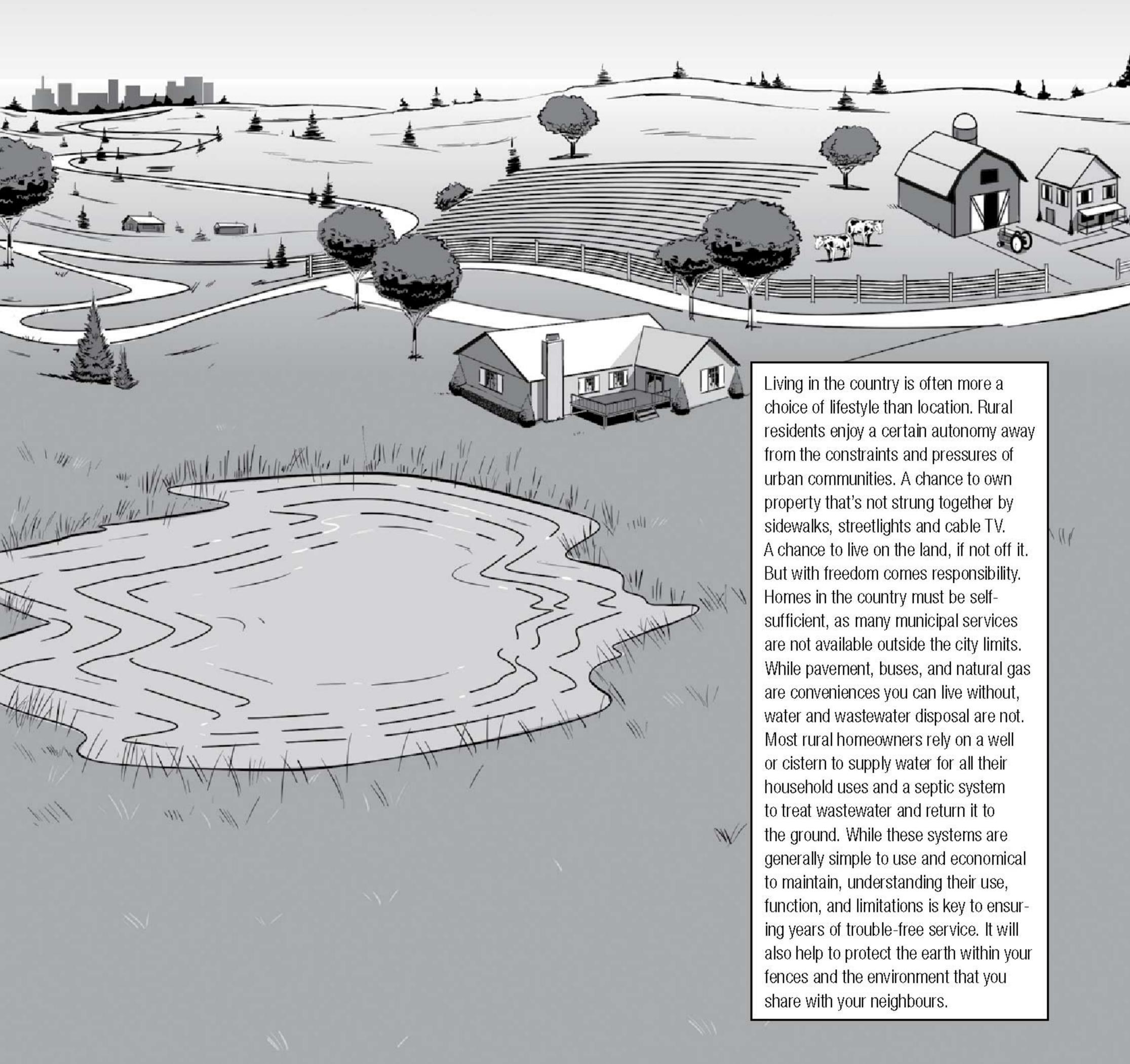
Septic Solution

A GUIDE TO CARING FOR YOUR SEPTIC SYSTEM



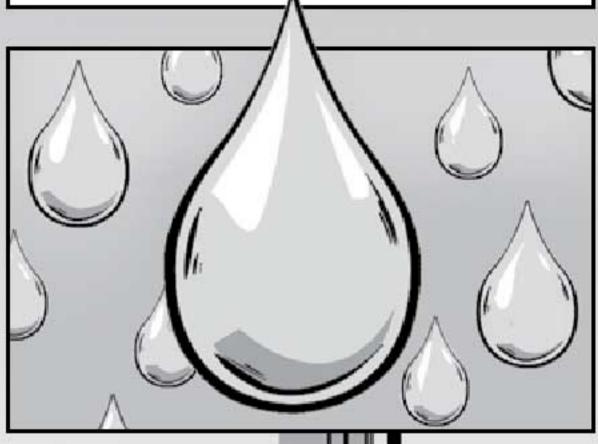


Septic Solution



WHERE DOES IT ALL GO?

Buried in your yard and built to last, your home's septic system may be easily overlooked. But for something that performs such a vital task, out of sight should not be out of mind.

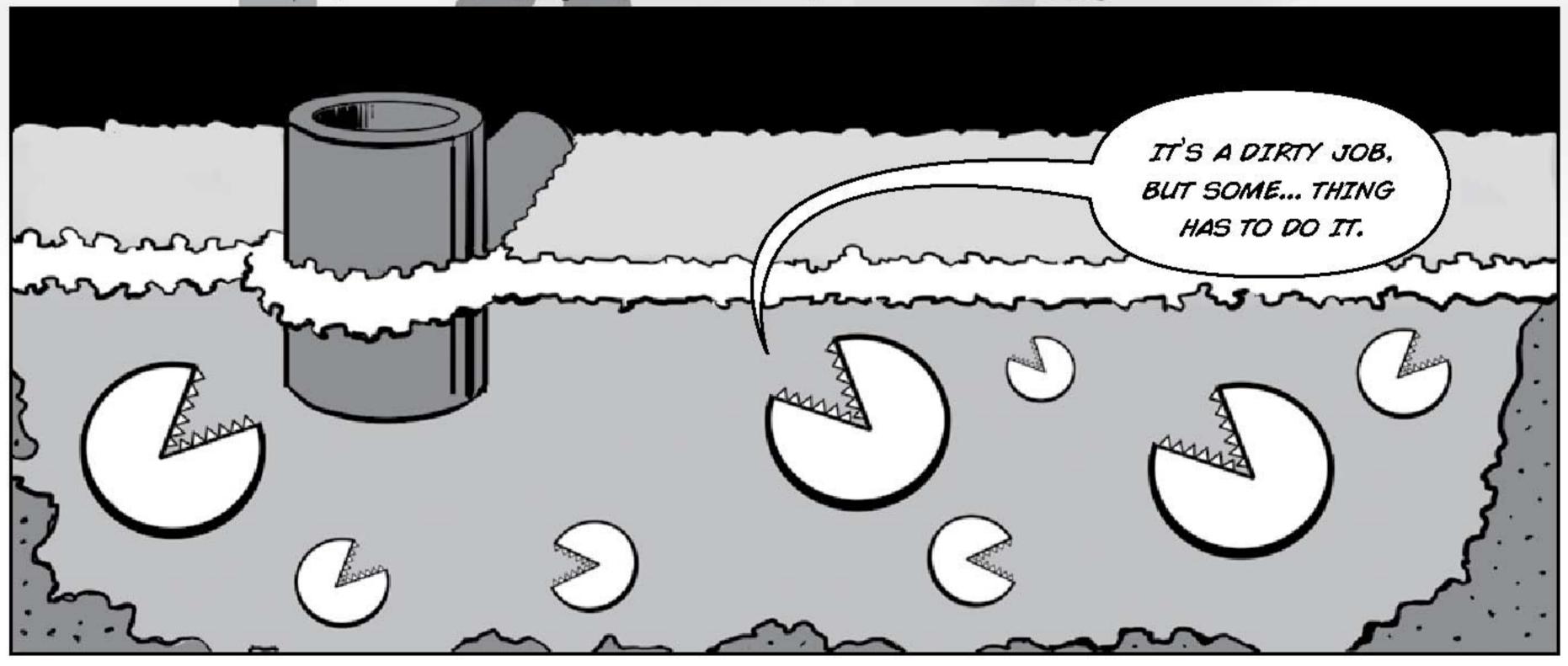




Every drop of water, every flush, everything that goes down the drain, ends up in the septic tank. There, it's greeted by billions of microscopic bacteria, waiting to consume what they can, and separate the rest.



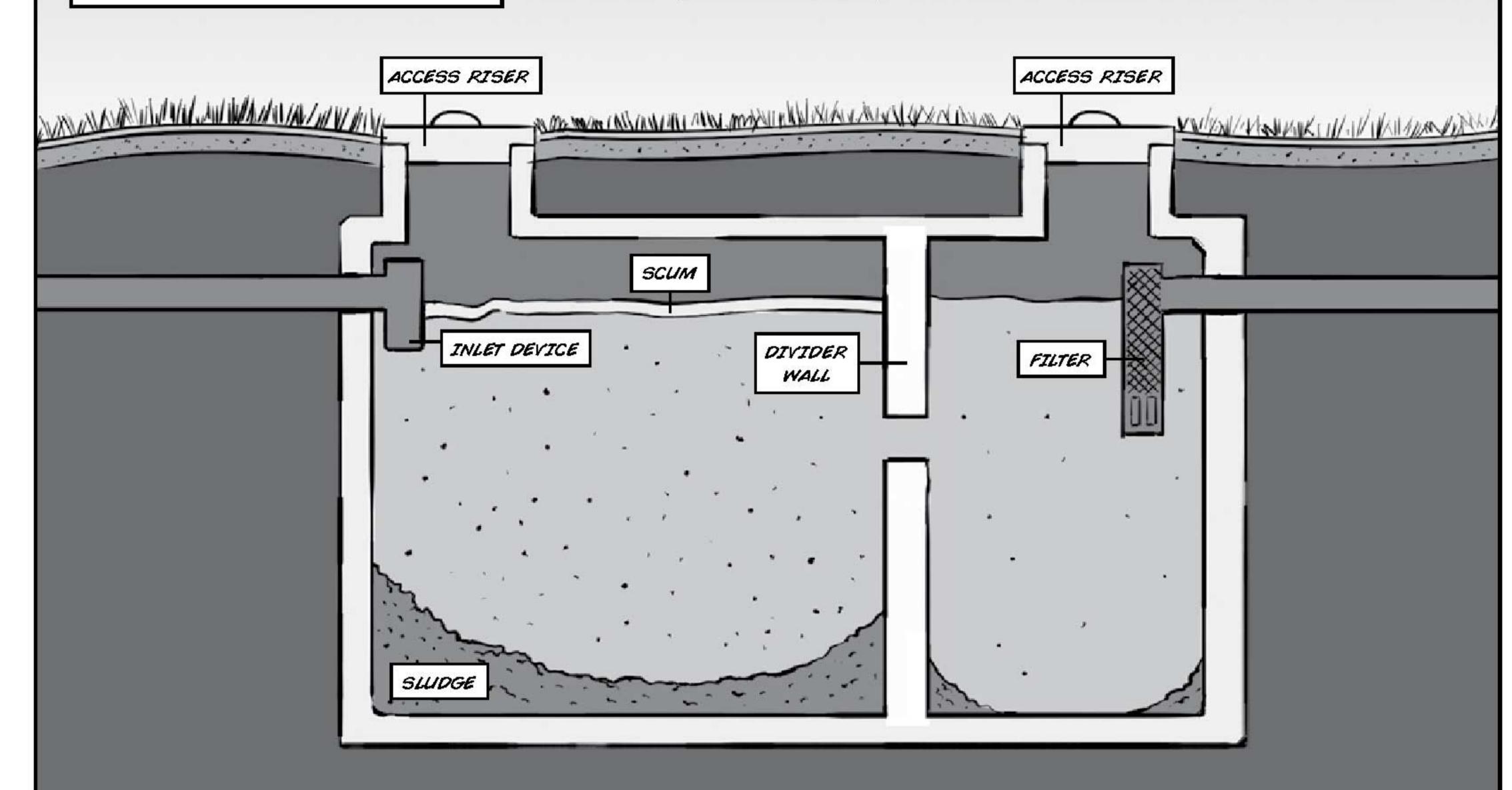




THE SEPTIC TANK (I'VE HEARD OF THAT!)

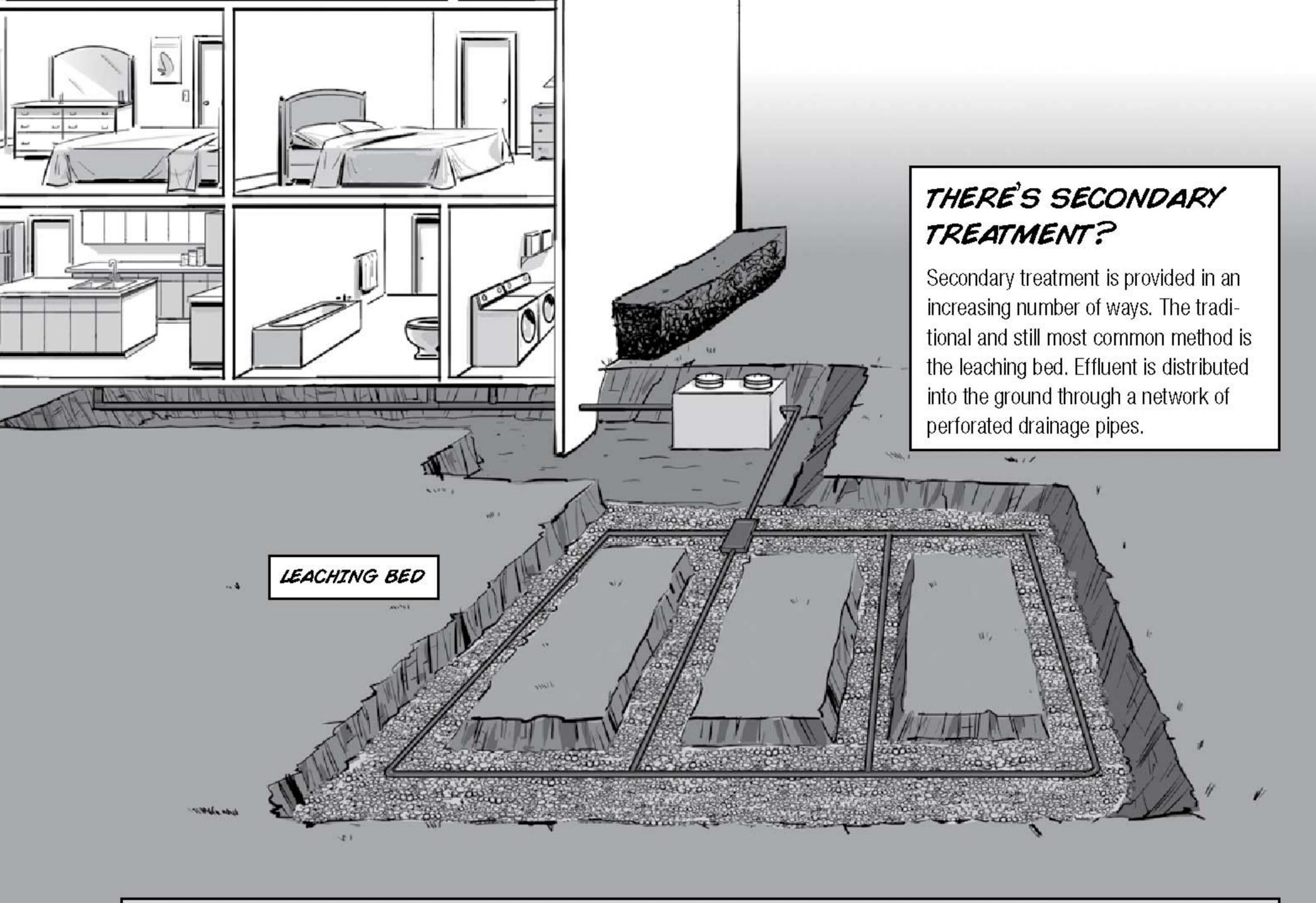
Most rural homeowners know the septic tank is hooked to the other end of their toilet and think it's the end of the line for household waste. But it's really just the beginning of a fairly sophisticated system designed to separate, treat, and reintroduce the water back into the ground.

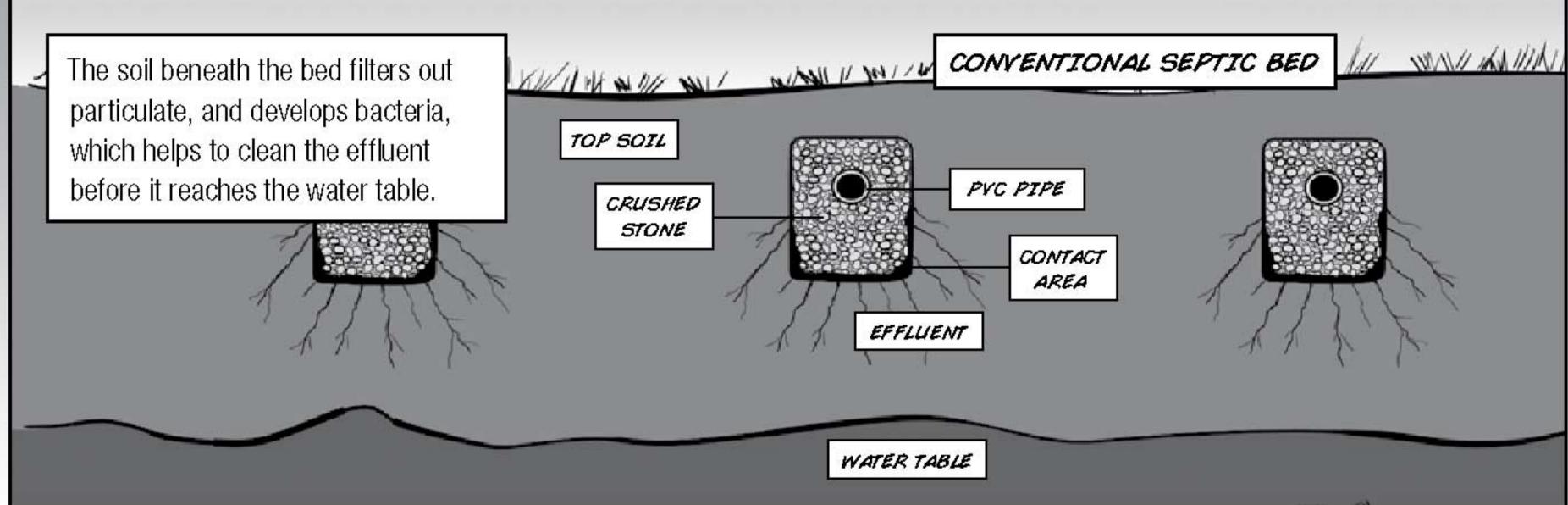
SEPTIC TANK

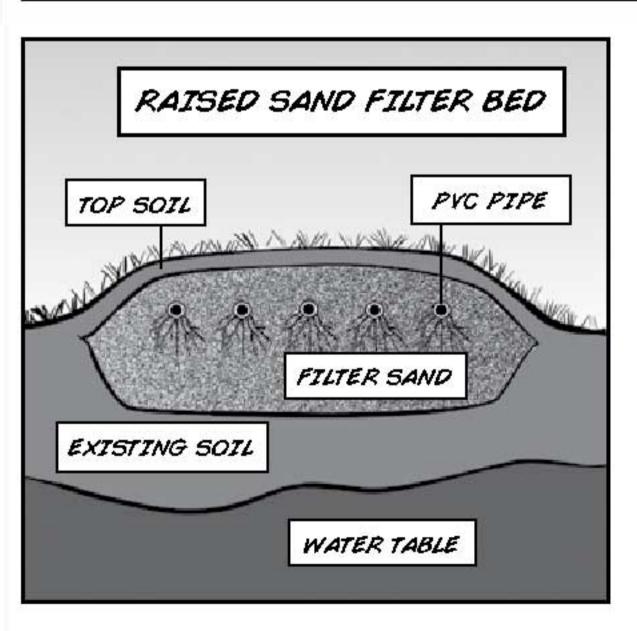


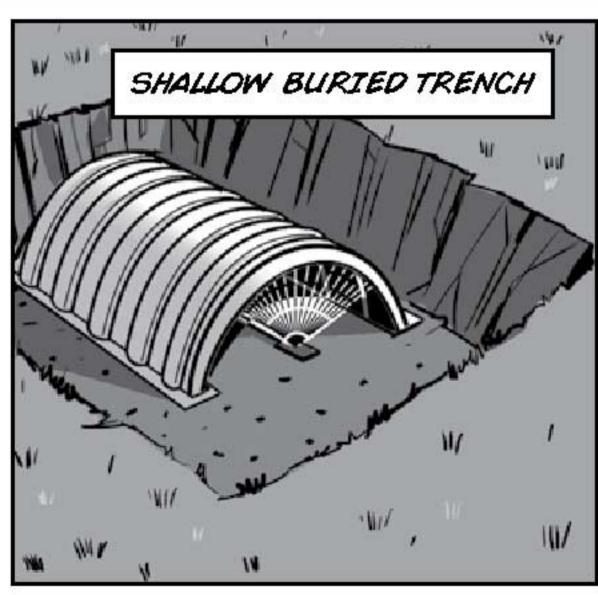
All liquid waste from the home enters the tank through an inlet baffle, to calm the flow. Bacteria slowly work to break down most of the solid waste. The rest must be removed through regular maintenance.

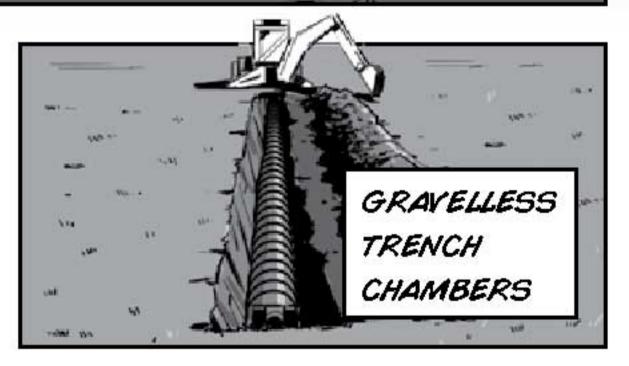
Heavy sludge settles to the bottom, while lighter particles float to the top forming a scum layer. Liquid in the middle flows into a second chamber for further separation, then passes through an effluent filter, which removes suspended particles, before moving out of the septic tank and into the secondary treatment area.



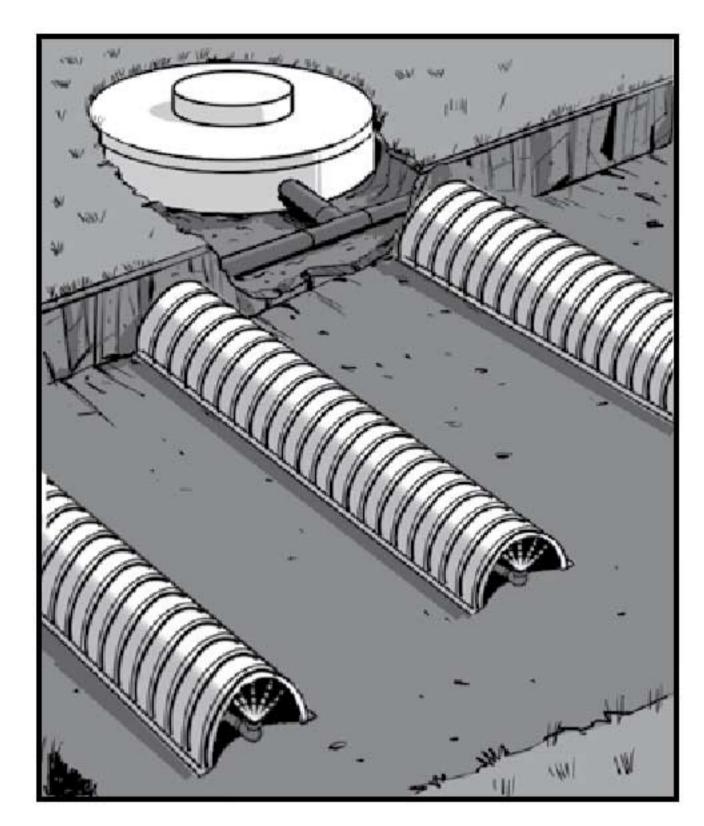


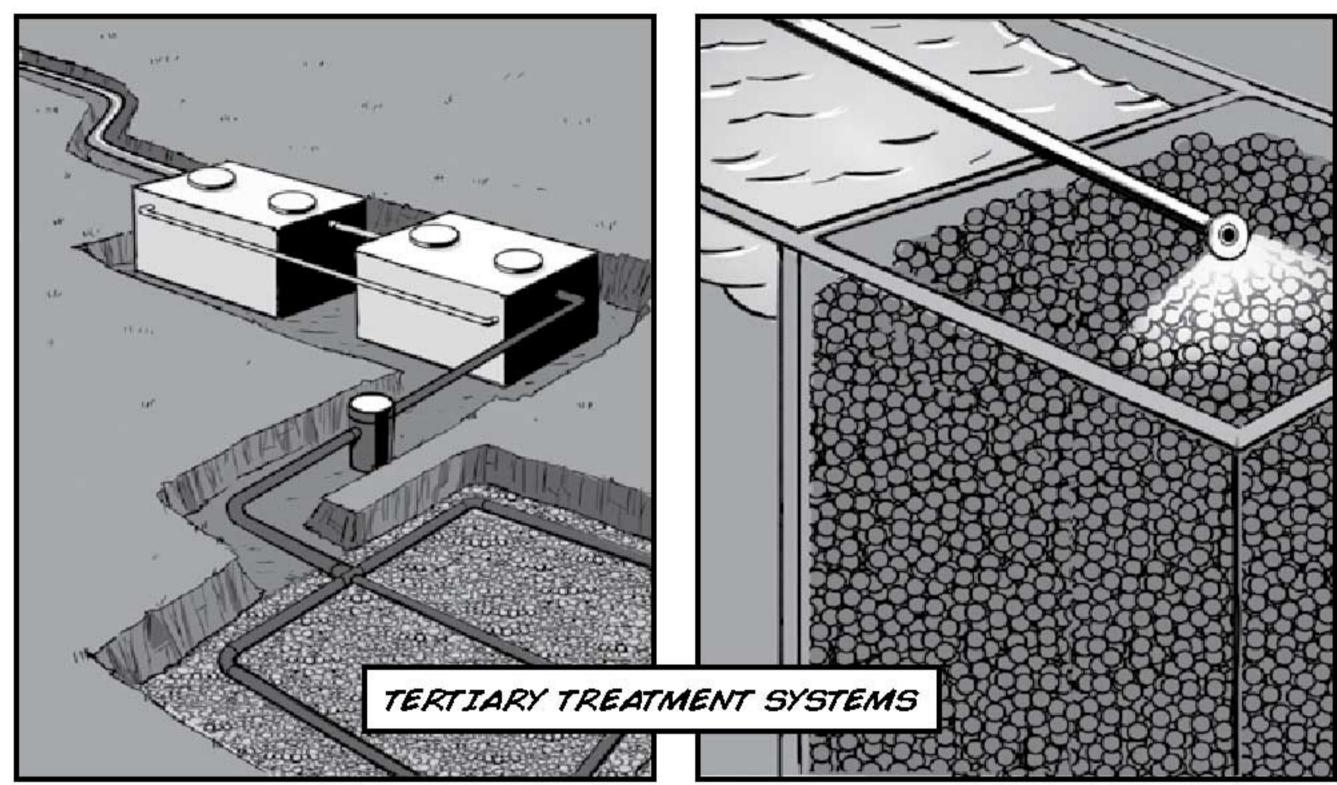




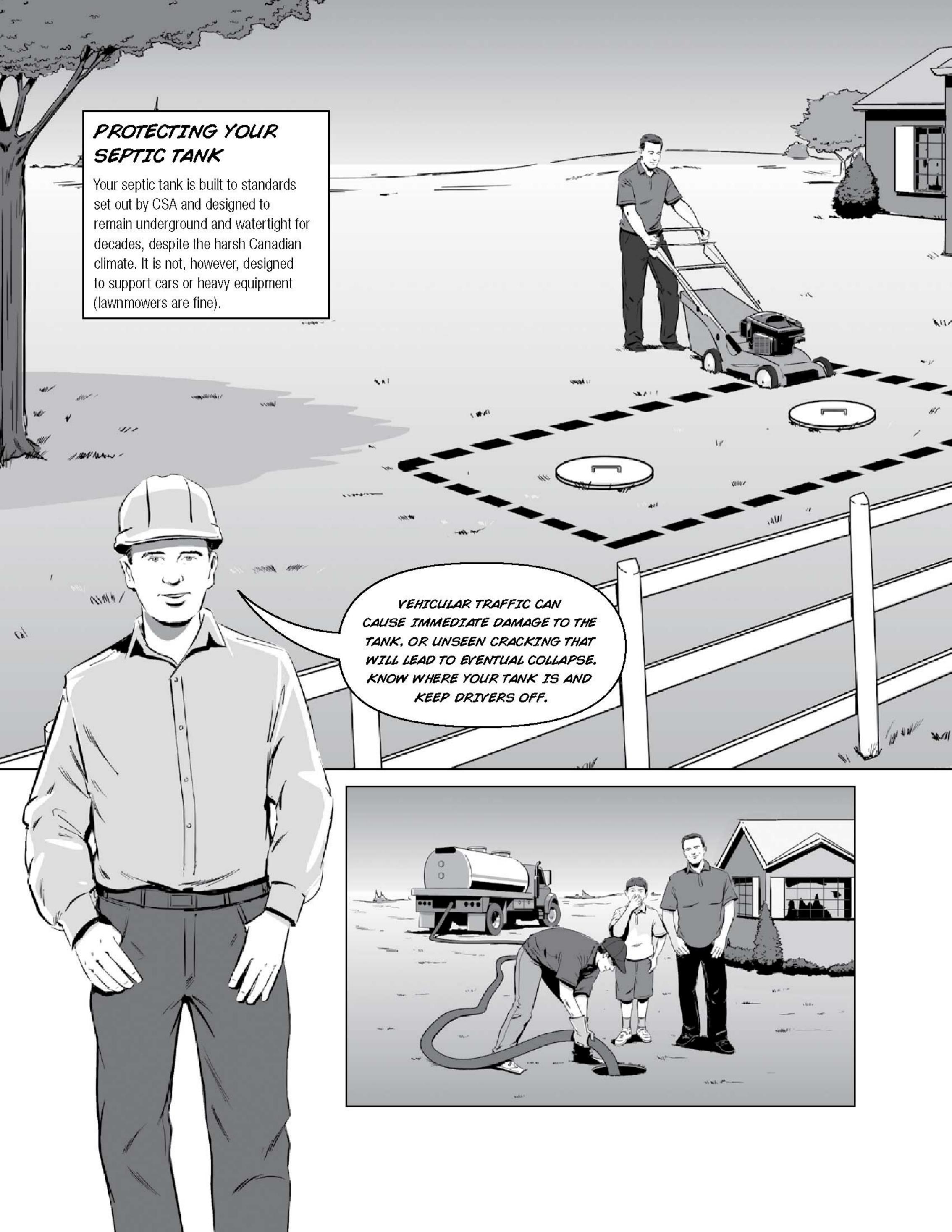


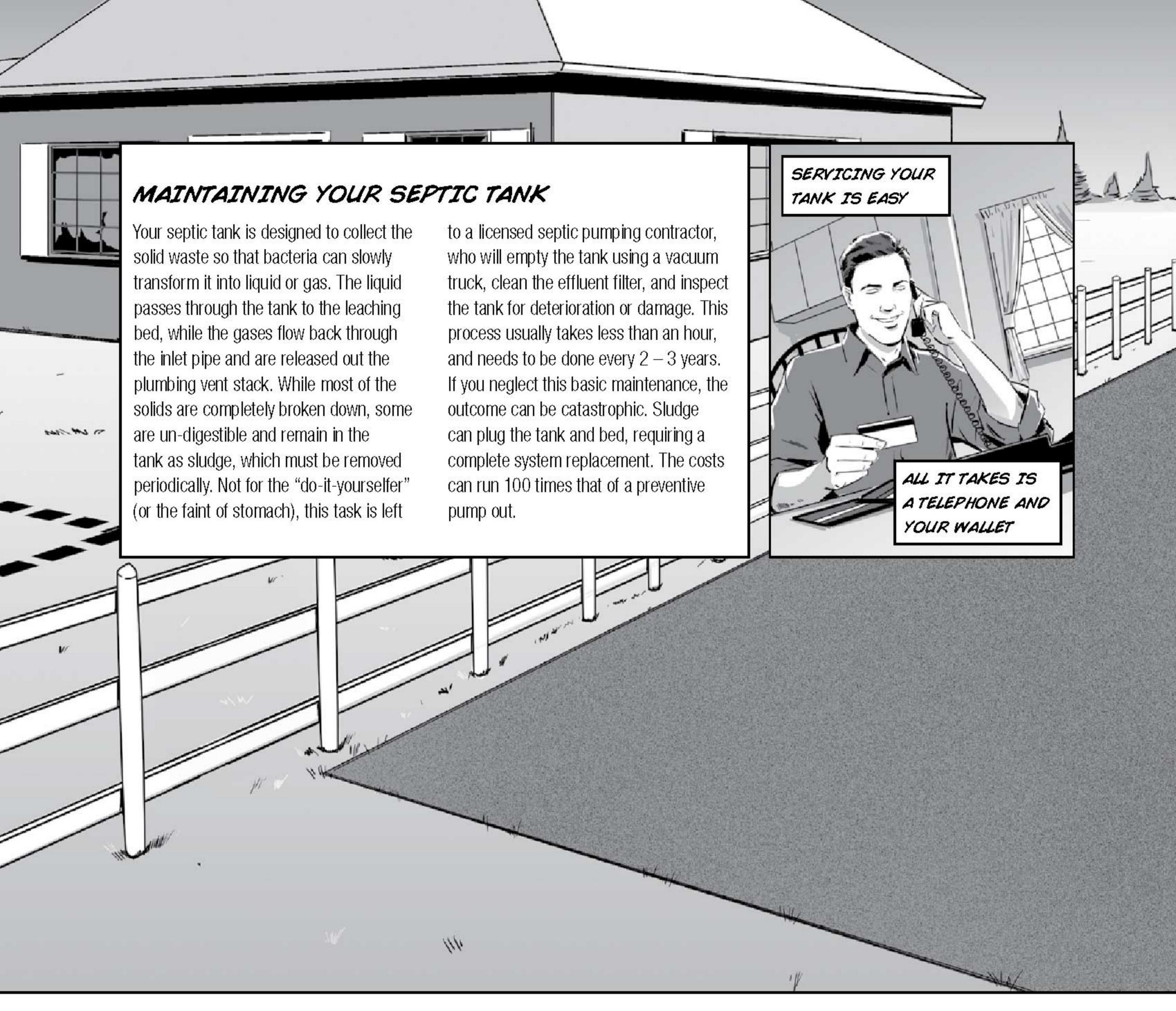
Variations of this design such as the Raised Sand Filter, the Shallow Buried Trench and Gravelless Trench Chambers, incorporate the same basic principles.













CARE WHEN PUMPING

Septic tank pumping is best scheduled for the late Spring to early Fall months, when the ground is drier. Tanks pumped in the winter can freeze before the anaerobic action in the tank begins to generate heat. Particular care should be taken when pumping septic tanks made of plastic or composite materials. Their lightweight construction use the contents of the tank for ballast and removing it can allow them to become misshapen in soft soils, or forced out of the earth by high ground water levels. These types of tanks should be serviced only when the soil is at its driest.



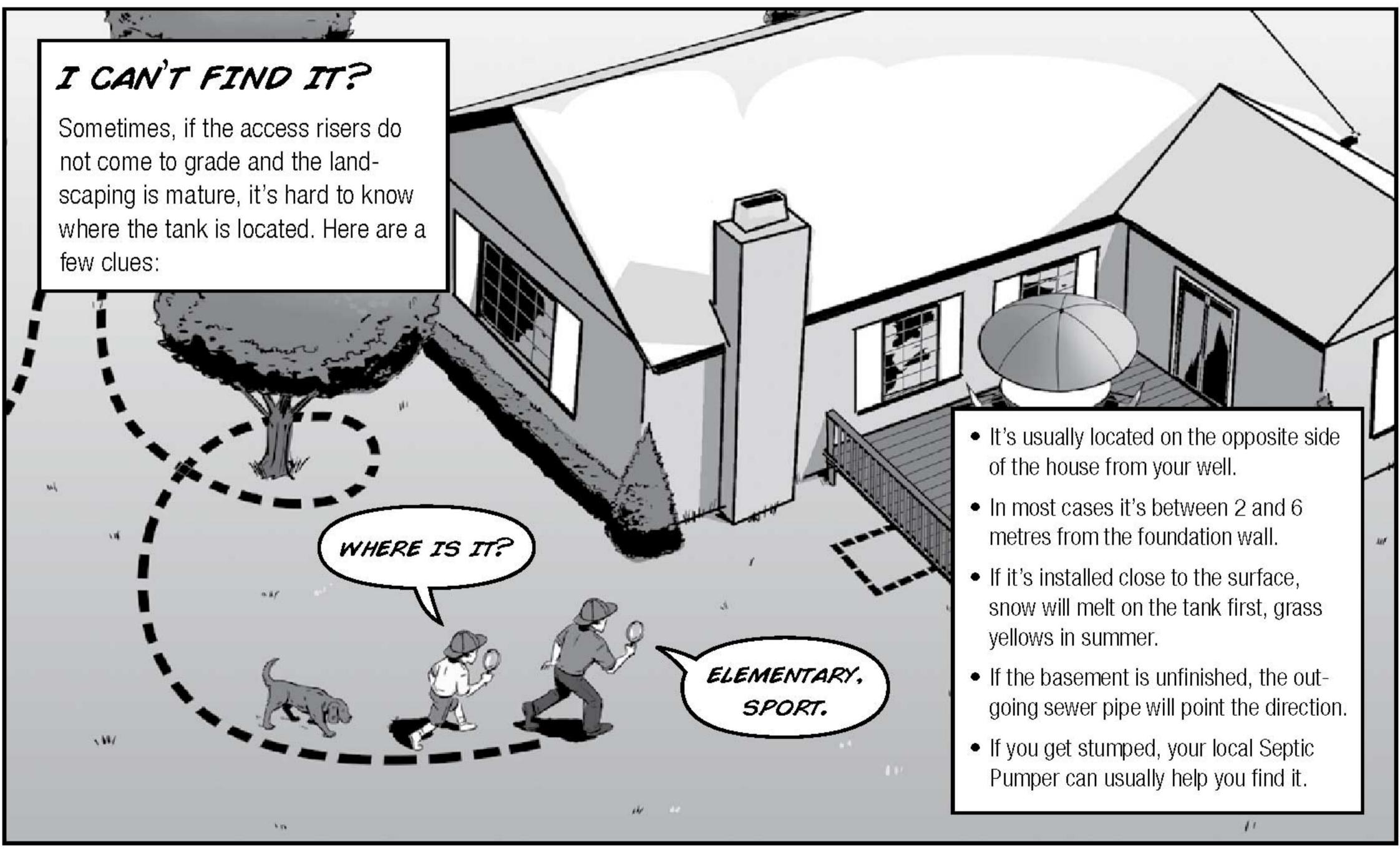


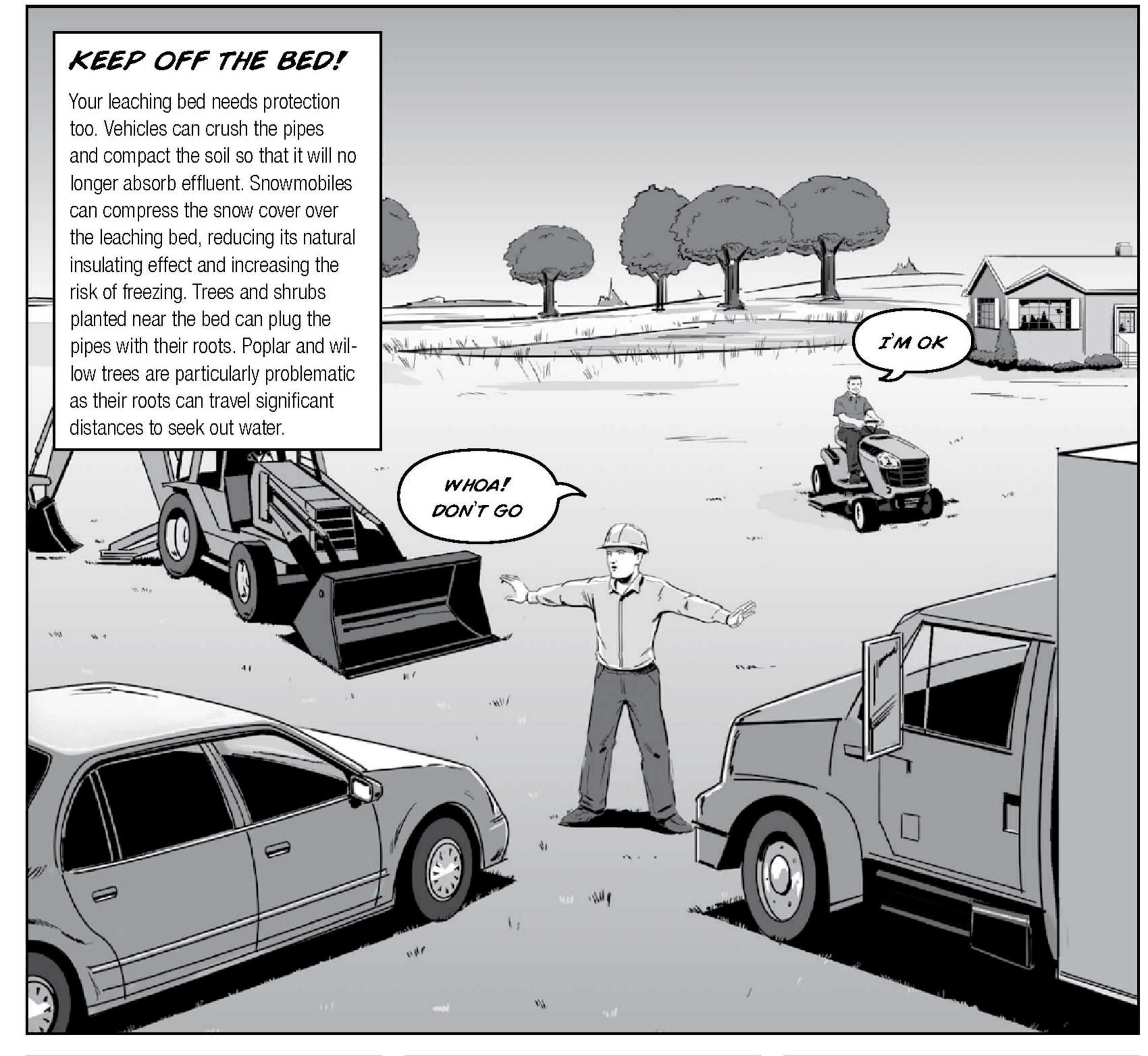


NO ONE LIKES TO DIG!

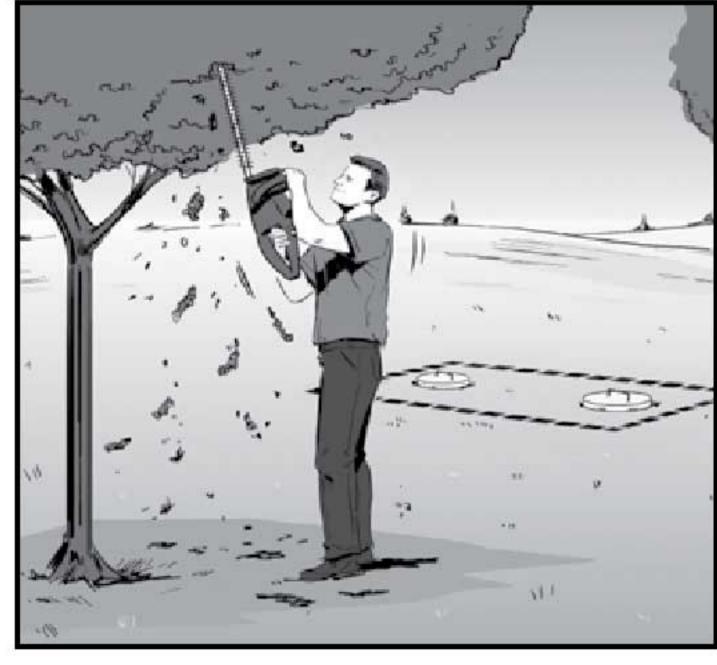
Since your tank needs to be regularly serviced, tank openings should be extended up to grade and easily accessible. Patios, decks and porches over the access holes make it hard for the Septic Pumper to

properly clean your tank. Difficulty for them usually means increased cost for you. And yes, both compartments of the tank need to be cleaned.

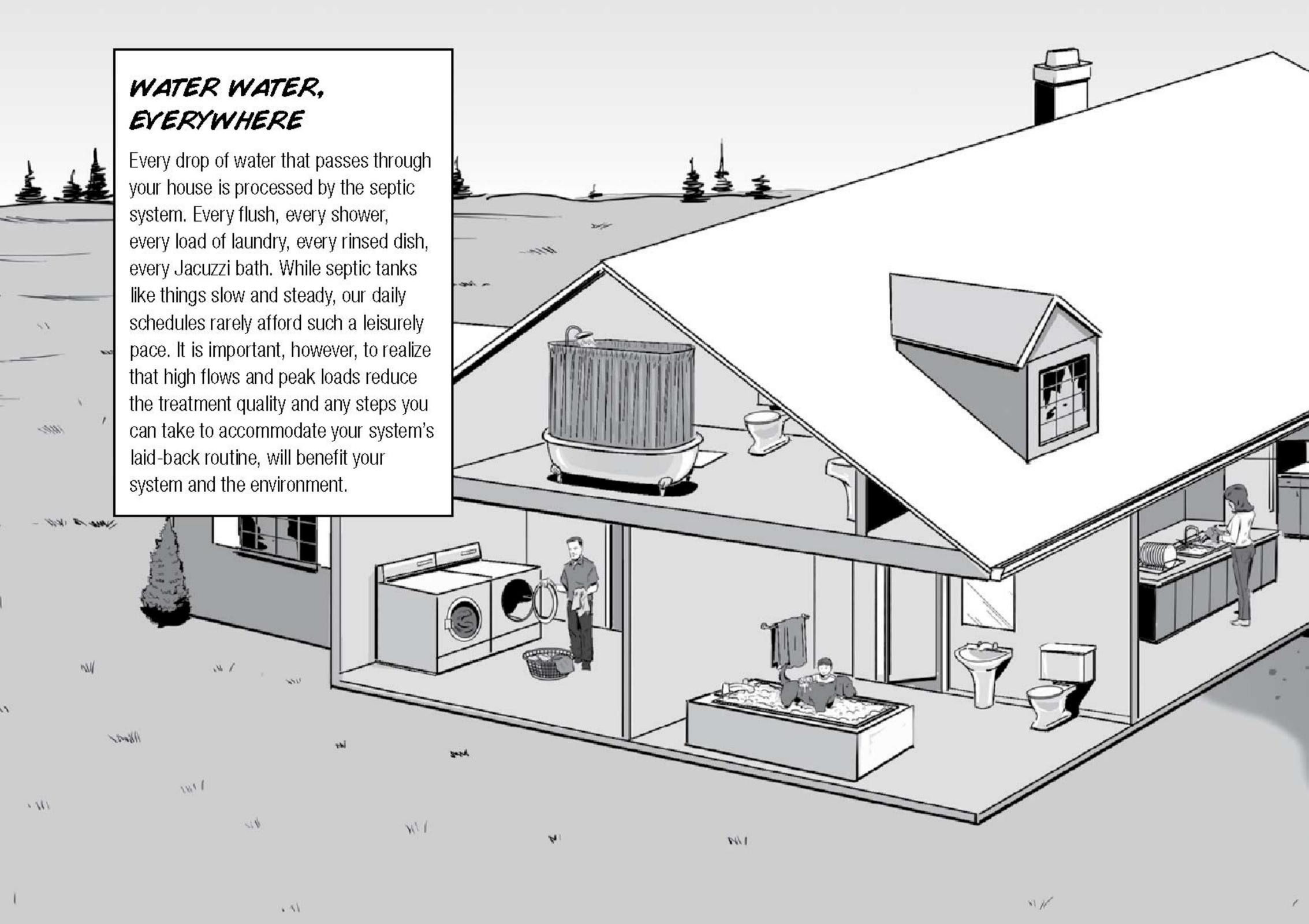




Surface water should also be kept away from the bed when ever possible. The system relies on the grass and light, dry surface soil to draw off moisture from the bed. Landscaping should be done to prevent runoff from pooling on the bed. Downspouts and building sumps must be directed away. Even lawn watering in this area should be minimized. Above ground pools and garden sheds should be erected elsewhere.

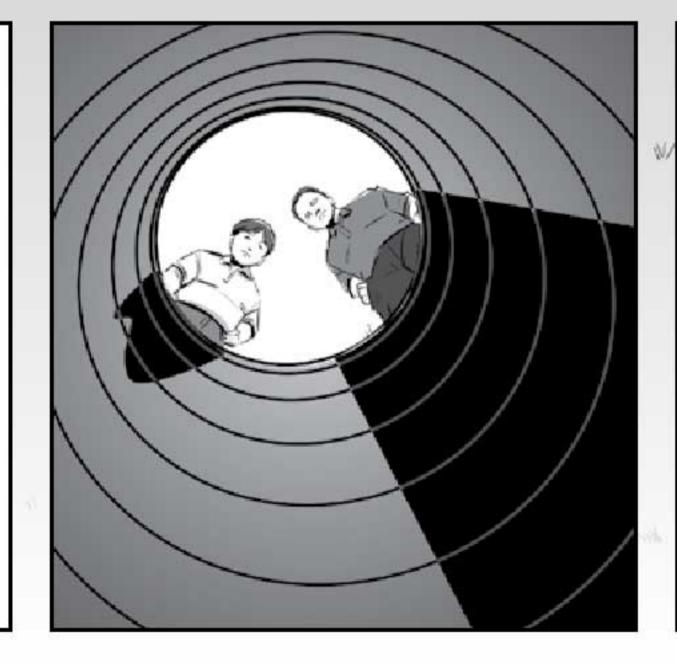






In most cases, if you have a septic tank, you get your water from an on-site well. Here in Canada, we have a plentiful supply of cool clean drinking water located in aquifers beneath the ground. Your well is your tap into this precious resource and should be treated with the same care you afford the rest of the fresh water supply in your home. Just as you wouldn't drink from a dirty glass, it's important to ensure that your well is kept clean and sealed from external

Walk

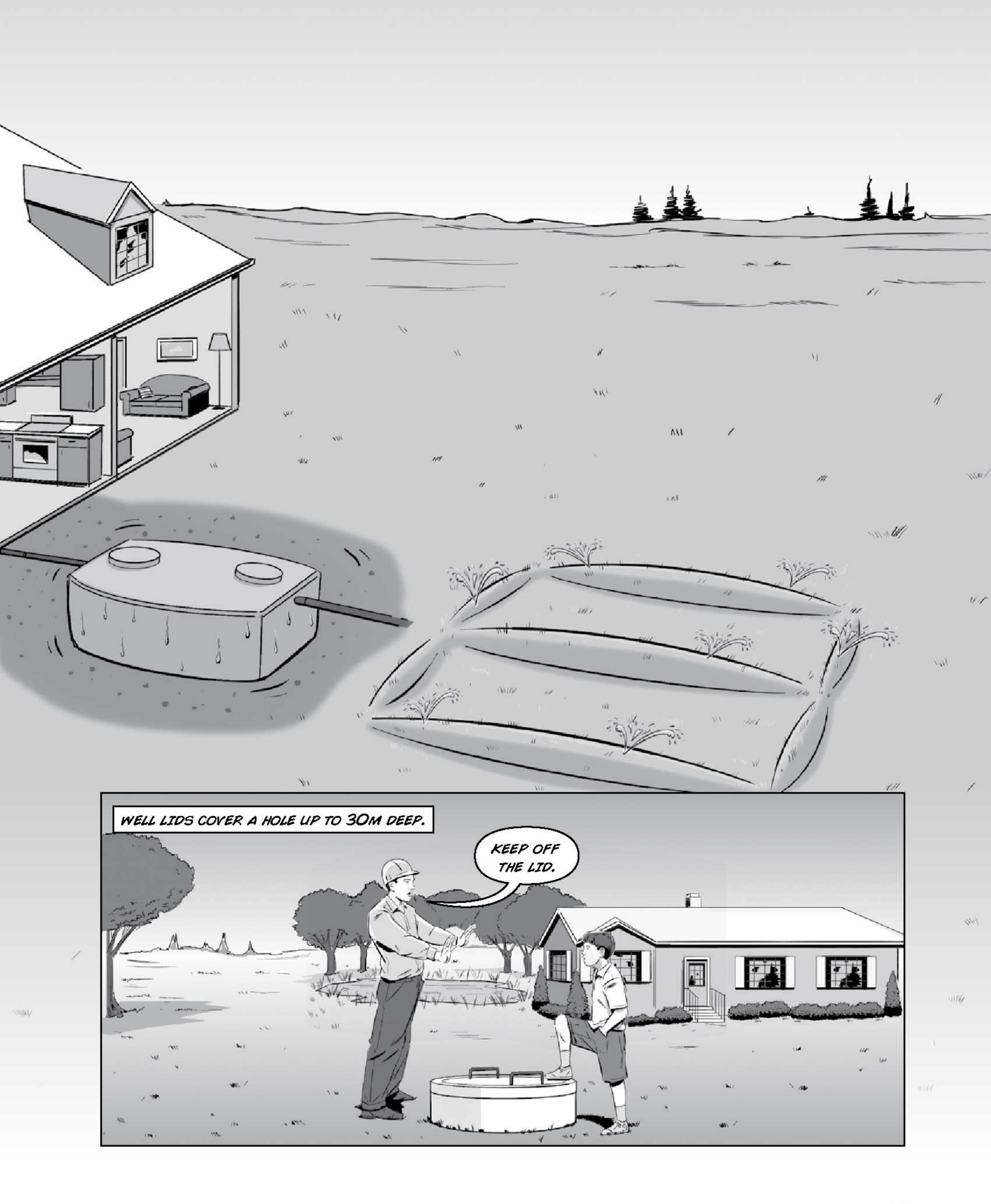


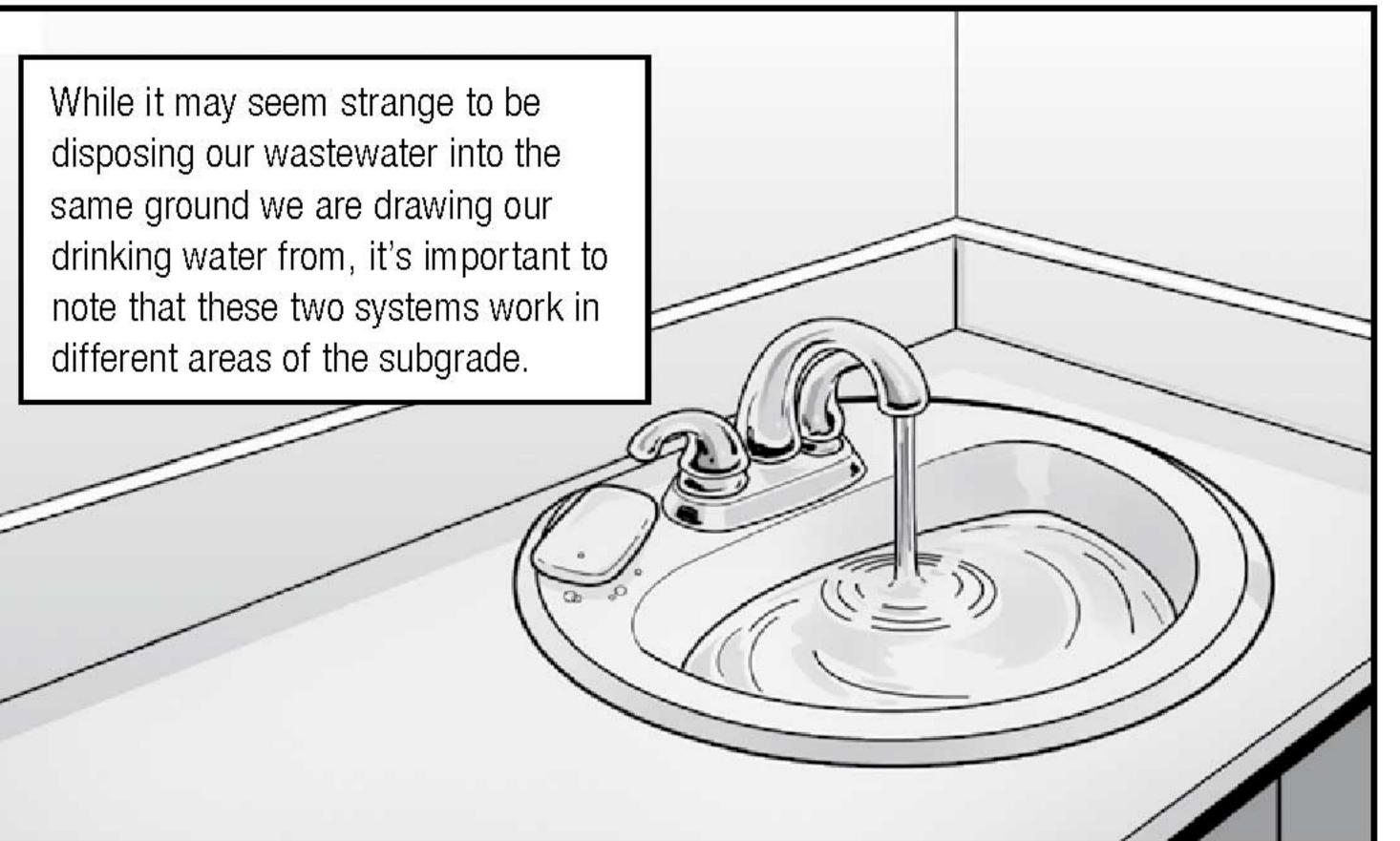
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contaminates. "Drilled" wells, the kind with a black steel pipe, need to be above grade and checked to see that the top cap is tight and the vent is clear. "Bored" or "dug" wells, the kind with concrete tiles and cap, require a little more attention. The concrete lid should be removed periodically and checked for deterioration or damage. Confirm that the top four joints are sealed with grout and that there are no signs of infiltration of surface water or earth.

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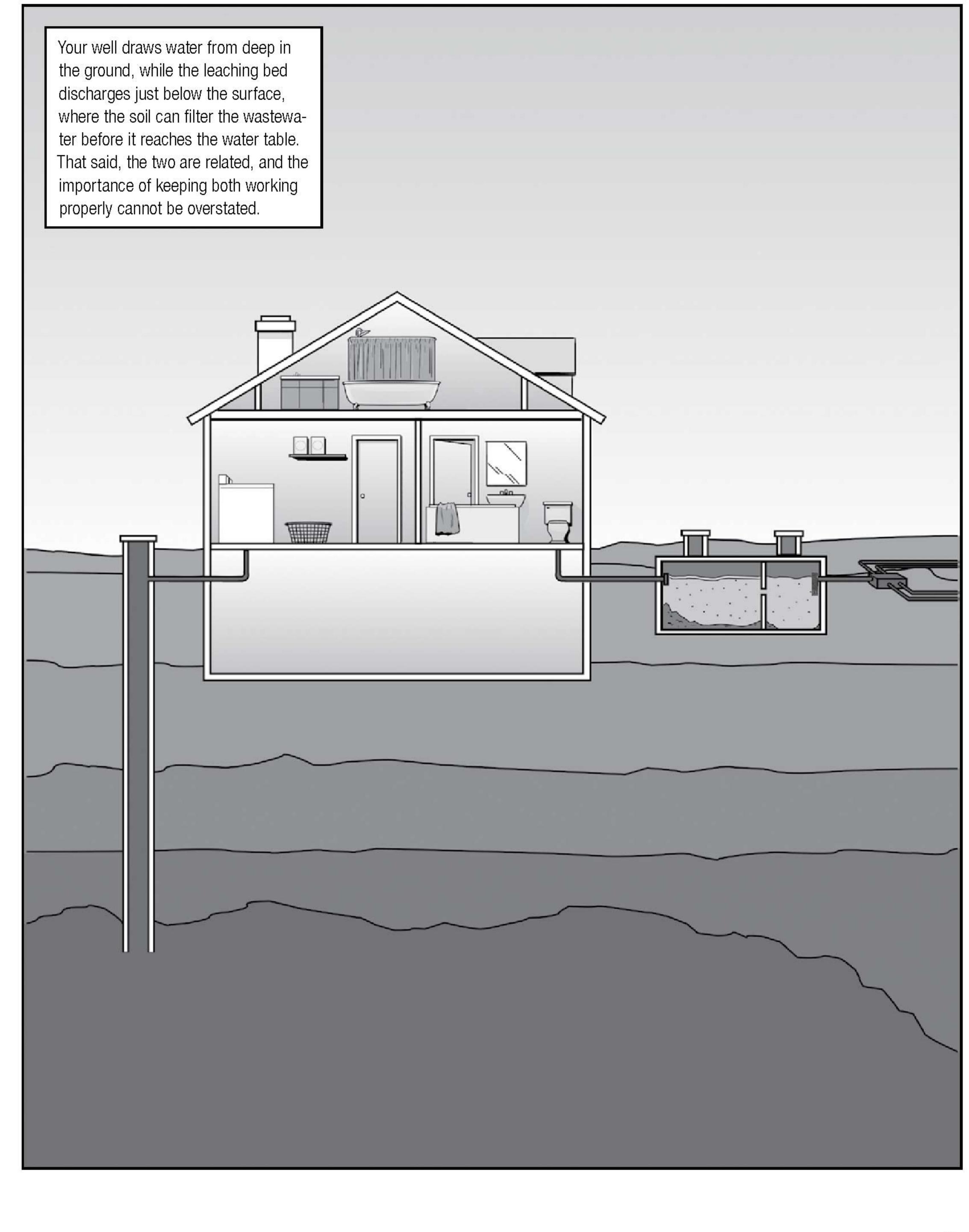
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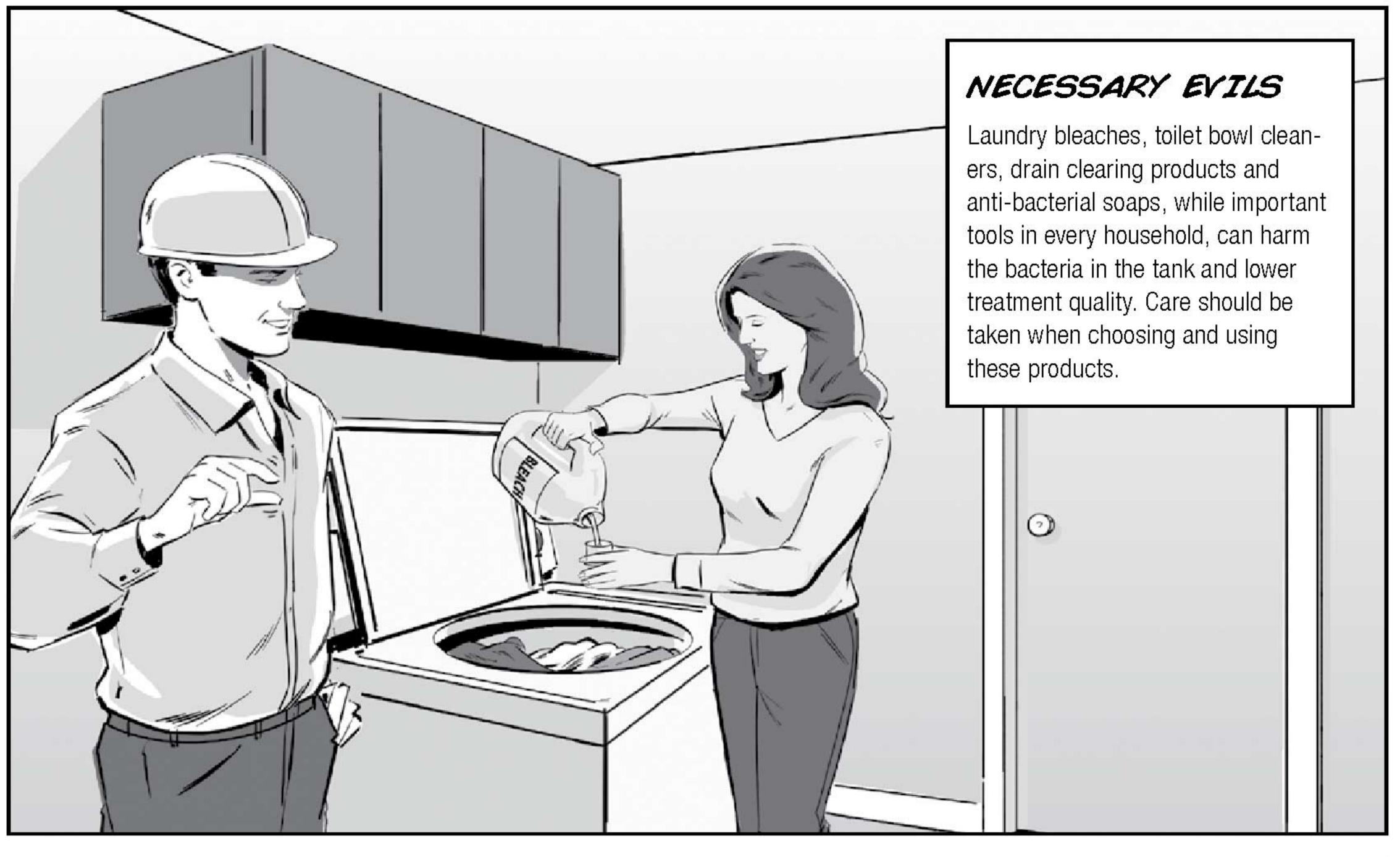


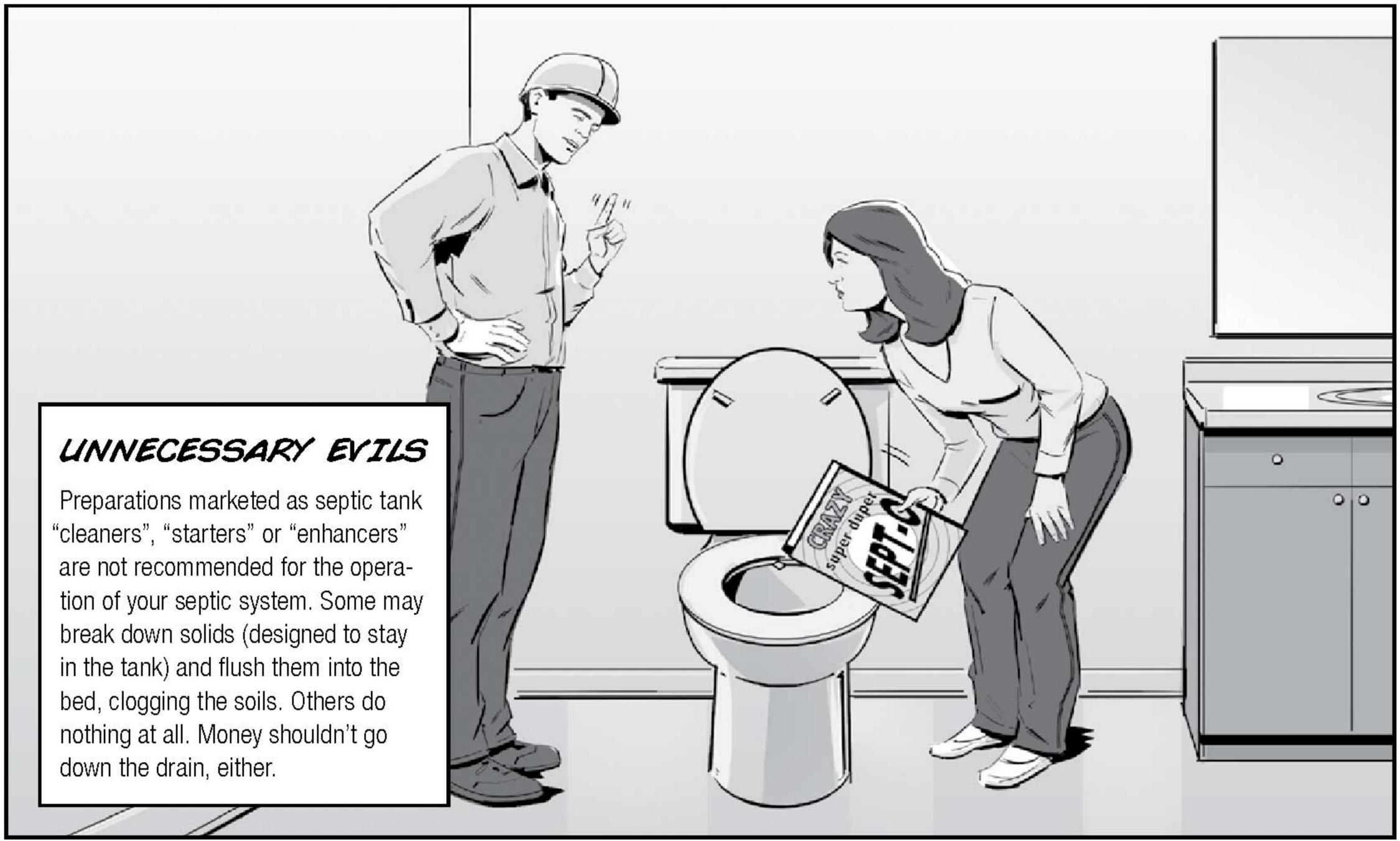


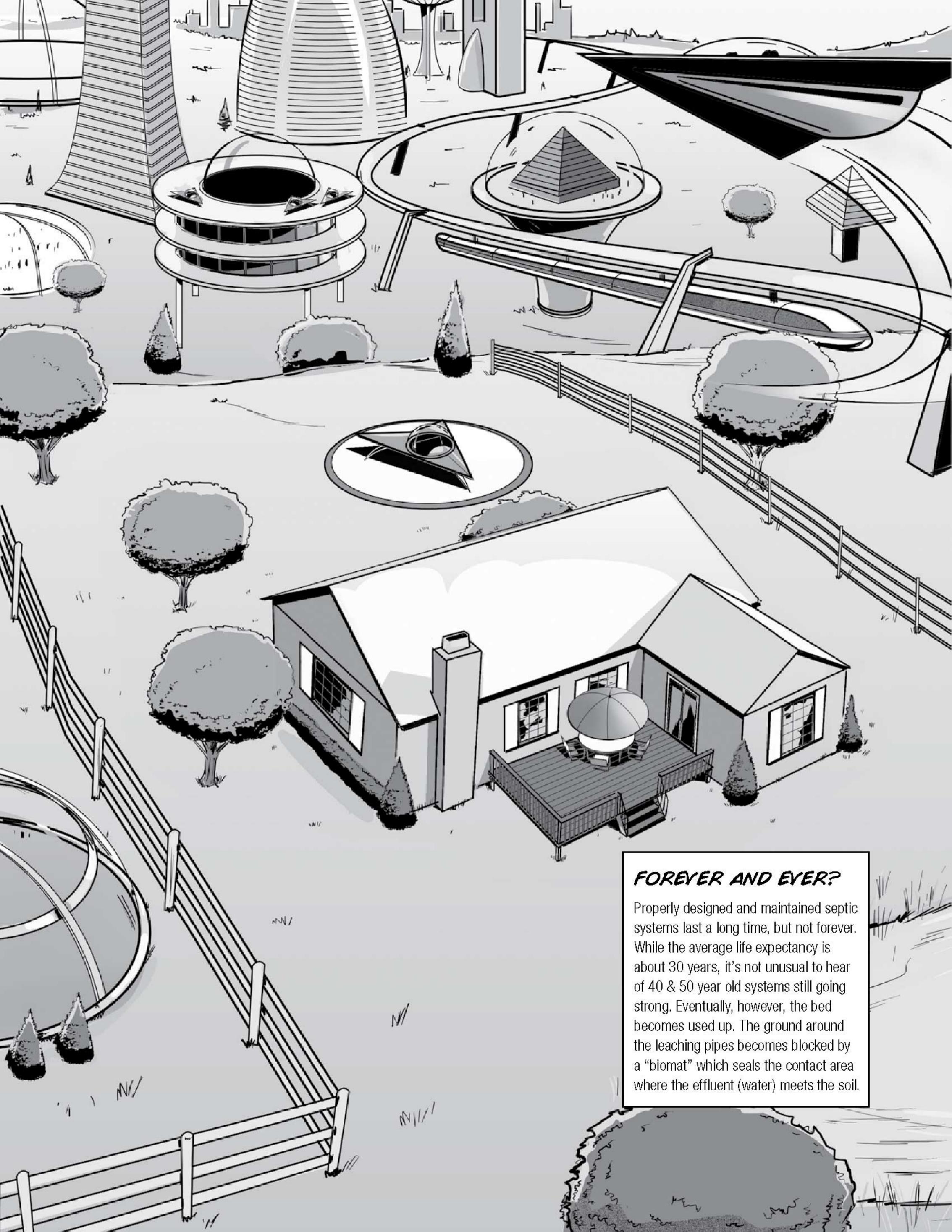














N. A.







SEPTIC TANK PUMPOUT RECORD

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HAVE MORE QUESTIONS? CALL YOUR LOCAL CPA MEMBER:

Concrete Precasters Association of Ontario

Phone: 1-866-853-0310 **Fax:** 1-866-853-0311

E-mail: info@cpaontario.com

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